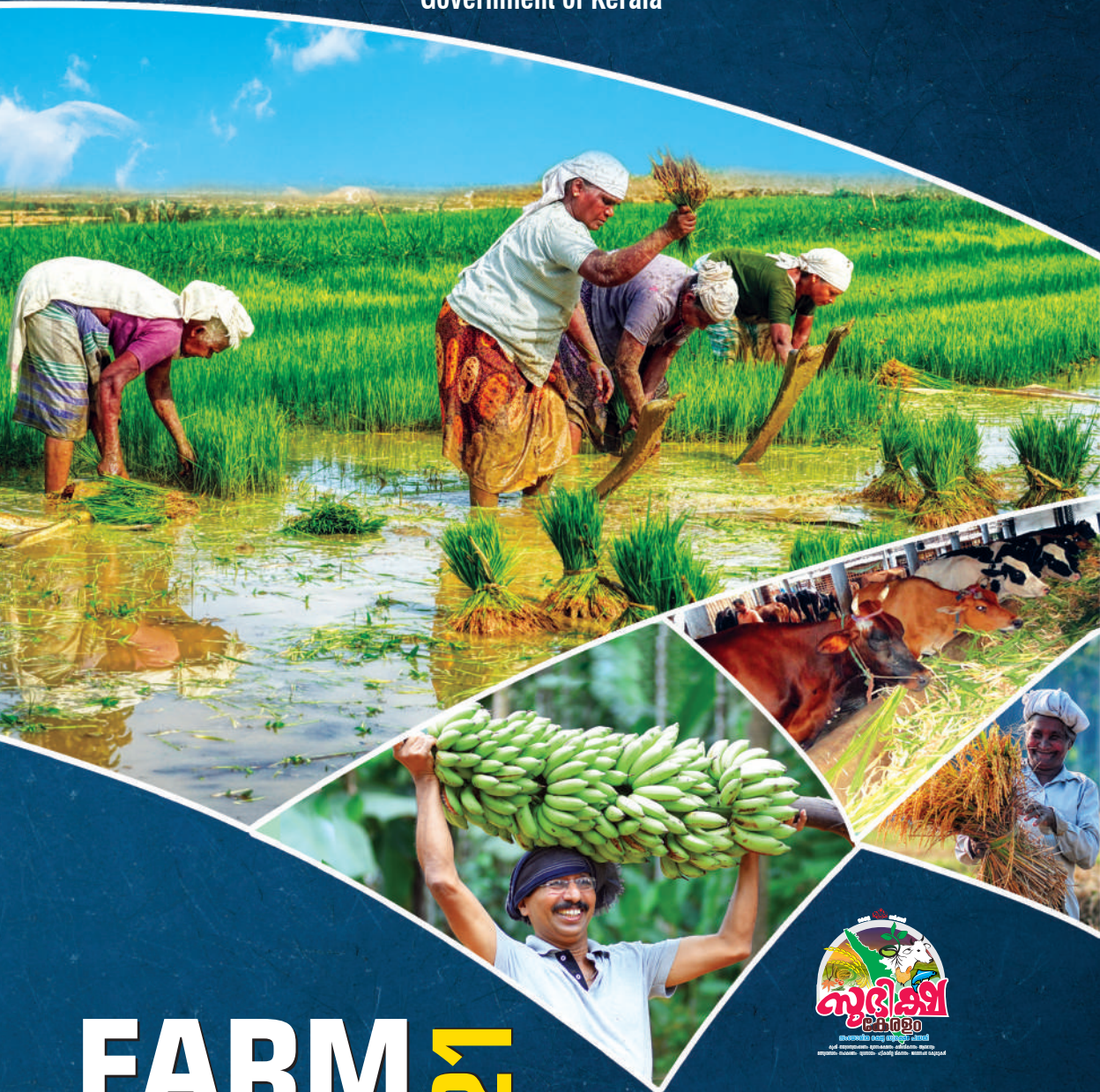




Government of Kerala



FARM GUIDE 2021

Agriculture Development and
Farmers' Welfare Department
Farm Information Bureau



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കാർഷികവികസന
കർഷകക്ഷേമ വകുപ്പ്



സന്ദേശം

കഴിഞ്ഞ ഒരു വർഷക്കാലം അനിതര സാധാരണമായ കോവിഡ് പ്രതിസന്ധിഘട്ടത്തിലൂടെയാണ് നമ്മൾ കടന്നുപോയതെങ്കിലും കേരളത്തിന്റെ കാർഷികമേഖലയെ സംബന്ധിച്ചിടത്തോളം പുത്തൻ അവസരങ്ങളുടെയും മാതൃകാപരമായ ചുവടുവയ്പ്പുകളുടെയും വർഷമായിരുന്നു. ഭക്ഷ്യസുരക്ഷ ഉറപ്പാക്കുന്നതിനും ഭക്ഷ്യസ്വയംപര്യാപ്തി കൈവരിക്കുന്നതിനുമായി വിവിധ വകുപ്പുകളുടെ ഏകോപനത്തോടെ ആരംഭിച്ച 'സുഭിക്ഷകേരളം - സംയോജിത ഭക്ഷ്യ സുരക്ഷാപദ്ധതി' കേരളത്തിന്റെ കാർഷിക ചരിത്രത്തിനു തന്നെ പുത്തൻ അദ്ധ്യായമായി മാറിയിരിക്കുകയാണ്. കൃഷി-മൃഗസംരക്ഷണം-ക്ഷീരവികസനം-മത്സ്യബന്ധനം-മറ്റു അനുബന്ധ കാർഷിക മേഖലകൾ എന്നിവയിലേക്ക് ധാരാളം യുവകർഷകരേയും പ്രവാസികളേയും പൊതുജനങ്ങളെയും ആകർഷിക്കുന്നതിന് സംസ്ഥാന കൃഷിവകുപ്പ് നേതൃത്വം നൽകുന്ന സുഭിക്ഷകേരളം പദ്ധതിയ്ക്ക് സാധ്യമായിട്ടുണ്ട്. കാർഷികരംഗത്തെ സമഗ്രവികസനത്തിനൊപ്പം കർഷകക്ഷേമം ഉറപ്പാക്കുന്ന ചില മാതൃകാപദ്ധതികൾ ഇക്കാലയളവിൽ ദേശീയശ്രദ്ധ ആകർഷിച്ചതും സവിശേഷതയാണ്. കർഷകരുടെ സാമ്പത്തിക സുരക്ഷയും ക്ഷേമവും ഉറപ്പാക്കുന്നതിനായി രൂപീകരിച്ച കർഷകക്ഷേമനിധി ബോർഡ്, രാജ്യത്തുതന്നെ ആദ്യമായി 16-ഇനം പഴം-പച്ചക്കറികൾക്ക് അടിസ്ഥാനവില പ്രഖ്യാപിച്ചുകൊണ്ടുള്ള സംഭരണം, നെൽവയൽ ഉടമകൾക്കുള്ള റോയൽറ്റി എന്നീ മാതൃകാ പദ്ധതികൾ കർഷകർക്കു ഈ മേഖലയിൽ തുടരുന്നതിന് ഊർജ്ജവും ആവേശവും പകരുന്നവയാണ്.

പ്രതിസന്ധികൾ അവസരമാക്കി കാർഷിക മേഖലയിൽ ഉണ്ടാക്കിയിട്ടുള്ള ഈ മുന്നേറ്റം വരും വർഷങ്ങളിൽ കർഷകർക്ക് കാർഷിക സാരംഭകർക്കും വഴികാട്ടിയാവുകതന്നെ ചെയ്യും. കൂടുതൽ കർഷകരിലേക്കും ജനങ്ങളിലേക്കും ഈ പ്രവർത്തനങ്ങളും പ്രഖ്യാപനങ്ങളും എത്തിക്കുന്നതിന് ഫാം ഇൻഫർമേഷൻ ബ്യൂറോയ്ക്ക് സാധ്യമാകട്ടെ. കാർഷിക മേഖലയെ സംബന്ധിക്കുന്ന വിവരങ്ങൾ കോർത്തിണക്കി പ്രസിദ്ധീകരിക്കുന്ന ഫാം ഗൈഡ് 2021-ന് എല്ലാവിധ ആശംസകളും നേരുന്ന.

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കൃഷിവകുപ്പ് മന്ത്രി

കെ. രാജു
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ജഗരാല വകുപ്പുമുഖ്യൻ
കേരള സർക്കാർ



തിരുവനന്തപുരം

തീയതി 16-11-2020



സന്ദേശം

ക്യൂ-എ, മൃഗസംരക്ഷണം, ക്ഷീരവികസനം എന്നീ മേഖലകളിലെ നൂതന ക്യൂ-എ അറിവുകളും, പദ്ധതികളും കർഷകരിലേക്ക് ക്യാം പൊതുജനങ്ങളിലേക്ക് ക്യാം എത്തിക്കുന്നതിനുള്ള ഏകദേശ പദ്ധതി സംവിധാനമാണ് ഹാം ഇൻഫർമേഷൻ ബ്യൂറോ.

കൊവിഡ് മഹാമാരി സമൂഹത്തെ ഒന്നാകെ ഗ്രസിച്ചു കടന്നുവരികയും അതിന്റെ പ്രത്യാഘാതങ്ങൾ നിലനിൽക്കുകയും പല മേഖലകളും വൻ പ്രതിസന്ധിയിലായിരിക്കുകയും ചെയ്യുന്ന ഈ സാഹചര്യത്തിൽ അതിജീവനത്തിന് ഏറ്റവും ഉചിതമായ മാർഗ്ഗം 'ക്യൂ-എ' ആണെന്നുള്ളത് എല്ലാവർക്കും ബോധ്യമായിരിക്കുകയാണ്. ധാരാളം മുഴുവനുള്ള പ്രവാസികളും മൃഗസംരക്ഷണ - ക്ഷീരമേഖലയിലെ സംരംഭങ്ങൾ ഏറ്റെടുത്ത് മുന്നോട്ടു വരുന്നുണ്ട്. തെരഞ്ഞെടുക്കപ്പെട്ട ജോലികളിൽ 24 മണിക്കൂർ വിദഗ്ദ്ധ സേവനം ഉൾപ്പെടെ പല പദ്ധതികളും മൃഗസംരക്ഷണമേഖലയിൽ ആരംഭിച്ചിട്ടുണ്ട്. സുരക്ഷിതകേരളം പദ്ധതിയുടെ ഭാഗമായി ഈ മേഖലകളിലേക്ക് പുതുതായി കടന്നുവരുന്ന കർഷകർക്കും നിലവിലുള്ളവർക്കും എല്ലാവിധ സാങ്കേതിക സാഹചര്യം നൽകുന്നതിന് സംസ്ഥാന സർക്കാർ സജ്ജമാണ്.

ക്യൂ-എ-മൃഗസംരക്ഷണ - ക്ഷീരവികസന മേഖലകളിലെ പദ്ധതികൾ, സാങ്കേതിക വിവരങ്ങൾ, പ്രവർത്തനങ്ങൾ എന്നിവ കോർത്തിണക്കി തയ്യാറാക്കിയിട്ടുള്ള വിജ്ഞാപനപ്രദമായ ഒരു കൈപ്പുസ്തകമാണ് ഹാം ഗൈഡ്. ക്യൂ-എയെ സ്നേഹിക്കുന്ന എല്ലാവർക്കും ഇത് ഒരു മുതൽക്കൂട്ടു തന്നെയാക്കിയിരിക്കും. അതിജീവനവും ക്ഷേമ സ്വയംപര്യാപ്തതയും കൈവരിക്കുവാൻ ക്യൂ-എയിലൂടെ സാധിക്കുമെന്ന് ബോധ്യപ്പെടുത്താൻ ഈ ഹാം ഗൈഡ് ഉപകരിക്കട്ടെ. ഏവരുടെയും കൂട്ടായ കാര്യക പ്രവർത്തനങ്ങളിലൂടെ ജീവിത വിജയം നേടാൻ ഈ പുതുവർഷത്തിൽ സാധ്യമാകട്ടെ.

സ്നേഹപൂർവ്വം,

കെ. രാജു

AGRICULTURE



Subhiksha Kerala - Logo Launching



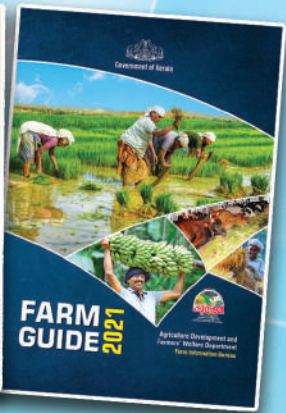
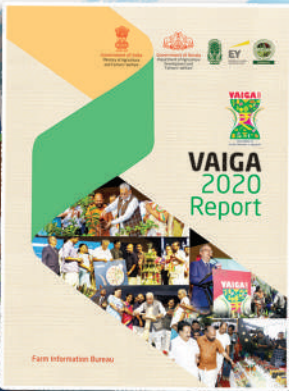
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Subhiksha Kerala Inauguration



Weekly Market



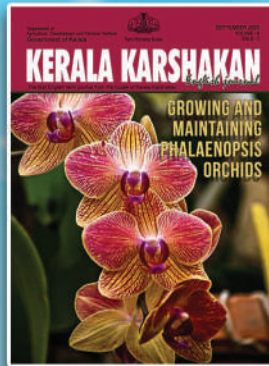
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ANIMAL HUSBANDRY AND DAIRY DEVELOPMENT



Inauguration of Veterinary Poly Clinic – at Adoor on 21st August 2020



Goat Satellite Scheme 2020-21



Covid-19 Pandemic Relief Programme



Cattle Shed Subsidy Scheme 2020-21



Inauguration of Heifer Park Scheme-2020-21 at Chittoor block in Palakkad district.



Ksheera Gramam Padhathi 2020-21 -Inauguration

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Income tax PAN _____

Election I.D. Card No. _____

Savings Bank A/c No _____

GPF A/c No _____

SLI Policy No _____

GIS Policy No _____

Other Insurance Policies _____

No. _____ Due Date _____

No. _____ Due Date _____

No. _____ Due Date _____

Credit Card No. _____ Exp. _____

Car/Scooter No. _____ Exp. _____

Driving Licence No. _____ Exp. _____

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THIRUVANANTHAPURAM (STD Code : 0471)

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Karode	2217788	9383470098	kbkarode@gmail.com
Chenkai	2230922	9383470097	a.o.k.bchenkal@gmail.com
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PATHANAMTHITTA (STD Code 0468)

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DDA(E&T)	2222597	9383470502	
DDA(WM)	2222597	9383470497	
DDA(NWDPRA)	2222597	9383470498	
DDA(H)	2222597	9383470503	
DDA(YP)	2222597	9383470501	
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ATMA DyPD (ADA)	2222597	9383471982	

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ALAPPUZHA (STD Code:0477)

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Kodamthuruth	(478)2561228	9383470588	krishibhavankodamthuruth@gmail.com
Thuravor	(478)2569400	9383470591	krishibhavanthuravor@gmail.com
Vayalar	(478)2159562	9383470592	krishibhavanvayalar@gmail.com
ADA CHERTHALA	(478)2821488	9383470593	adacherthala@gmail.com
Kadakarappally	(478)2182848	9383470601	kbkadakarappally@gmail.com
Thanneermukkam	(478)2820719	9383470599	kbtkm@gmail.com
Kanjikuzhy	(478)2860068	9383470596	kanjikuzhykb@gmail.com
Cherthala (N)	(478)2820152	9383470597	kbcherthalam@gmail.com
Chethala South	(478)2157417	9383470595	krishibhavancherthalasouth@gmail.com
Mararikulam North	(478)2186120	9383470597	kbmararikulamnorth@gmail.com
Muhamma	(478)2158233	9383470598	aomuhamma@gmail.com
ADA ALAPPUZHA	(477)2238244	9383470602	adaalpy@gmail.com
Mannamcherry	(477)2293349	9383470605	kbmncy@gmail.com
Mararikulam South	(477)2125390	9383470608	krishibhavanmararikulamsouth@gmail.com
Aryadu	(477)2125360	9383470604	krishibhavanaryad@gmail.com
Punnapra	(477)2129165	9383470609	punnaprasouthkb@gmail.com
Punnapra North	(477)2268952	9383470610	kbpunnapranorth@gmail.com
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ADA AMBALAPUZHA	(477)2279409	9383470611	adaambalappuzha@gmail.com
Purakkadu	(477)2279009	9383470615	aokbpurakkad@gmail.com
Ambalapuzha	(477)2279909	9383470612	kbambsouth@gmail.com
Ambalapuzha North	(477)2280131	9383470613	kbambnorth@gmail.com
Thakazhy	(477)2127818	9383470617	aokbthakazhy@gmail.com
Karuvatta	(479)2491134	9383470614	aokbkaruvatta@gmail.com
ADA CHAMPAKULAM	(477)2707759	9383470618	adachampakulam12@gmail.com
Edathua	(477)2210194	9383470620	krishibhavanedathua@gmail.com
Thalavady	(477)2212268	9383470623	thlavadykb@gmail.com
Champakulam	(477)2704986	9383470619	champakulamkb@gmail.com
Kainakary	(477)2171300	9383470621	kbkainakary12@gmail.com

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Veliyanadu	(477)2754400	9383470630	kbveliyanad@gmail.com
Ramankary	(477)2172133	9383470629	kbnedumudy@gmail.com
Pulinkunnu	(477)2707451	9383470628	kbpulinkunnu@gmail.com
Kavalam		9383470625	kbkavalam@gmail.com
Muttar	(477)2219296	9383470626	kbmuttar@gmail.com
Neelamperoor	(477)2710978	9383470627	kbneelamperoor@gmail.com
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Arattupuzha		9383470641	kbarattupuzha@gmail.com
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Cheriyannadu	(479)2362828	9383470682	kbcheriyannad2@gmail.com
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KOTTAYAM (STD Code:0481)

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DDA(H)	2562263	9383470709	
DDA(WM)	2562263	9383470702	
DDA(C)	2562263	9383470704	
DDA(YP)	2562263	9383470705	
DDA(T)	2562263	9383470706	
Assitant Principal Agricultural Officer	2562263	9383470711	
ADA(M)	2562263	9383470714	
Technical Assistant	2562263	9383470710	
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Erattupetta	(482)2272038	9383470758	kberattupetta@gmail.com
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Kanjirappally	(482)8205761	9383470769	kbkply@gmail.com
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Kanakkary KB	(481)2536692	9383470778	kbkanakkary@gmail.com
Manjoor KB	(482)9245970	9383470779	aokbmanjoor@gmail.com
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Veliyanoor KB	(482)2244157	9383470781	kbveliannoar@gmail.com
Uzhavoor KB	(482)2240147	9383470782	uzhavoorao@gmail.com
Ramapuram KB	(482)2260066	9383470783	krishbhavanramapuram@gmail.com
Marangattupilly KB	(482)2250822	9383470784	marangattupillykb@gmail.com
Kuravilangad KB	(482)2230410	9383470785	kbkuravilangad@gmail.com
ADA Kaduthuruthy	(482)9283004; 9282075	9383470787	adakaduthuruthy@gmail.com
Kaduthuruthy	(482)9282106	9383470788	aokaduthuruthy@gmail.com
Thalayolaparambu	(482)9234416	9383470790	agricultureofficer.tip@gmail.com
Neezhoor	(482)9263421	9383470791	aoneezhoor@gmail.com
Mulakulam	(482)9251591	9383470792	kbmulakulam@gmail.com
Kallara	(482)9267409	9383470793	kbkallara@gmail.com
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Athirampuzha	2732921	9383470799	aoathirampuzha@gmail.com
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Ettumanoor	2539448	9383470804	krishbhavanetmrao@gmail.com
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Vechoor	(482)9275238	9383470812;	aokbvechoor@gmail.com
Thalayazham	(482)9221012	9383470813;	kbthalayazham@gmail.com
Chempu	(482)9271788	9383470814	kbchempu@gmail.com
Vaikom.	(482)9221034	9383470815	vaikomafa@gmail.com

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MSTL, Kozha		9496000933	mstlkozha@gmail.com
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SSF Kozha		9383470719	ssfkozha@gmail.com
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IDUKKI (STD Code:0486)

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DDA (NWDPPRA)	04862-222428	9383470820	
D.D.A [YP]	04862-222428	9383470822	
DDA (C)	04862-222428	9383470821	
ADA(M)	04862-222428	9383470829	
P.D. ATMA	04862-228188	9383471985	
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ADA Elamdesam	04862-261577	9383471171	adaelamdesam@gmail.com
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Udumbannoor	04862-272820	9383470984	kbudumbannoor@gmail.com
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Udumbanchola	04868-238873	9383471027	kbudumbanchola@gmail.com
Pampadumpara	04868-221177	9383471025	kbpampadumpara@gmail.com
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Rajakkad	04868-241819	9383471033	kbrajakkad@gmail.com
Rajakumari	04868-246009	9983471031	kbrajakumary@gmail.com
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ADA Peermade	04869-232219	9383471175	adapeermedu@gmail.com
Kumily	04869-229390	9383471047	kbkumily@gmail.com
Vandiperiyar	04869-252474	9383471045	krishibhavanvpr@gmail.com
Elappara	04869-242030	9383471041	kbelappara@gmail.com
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Deputy Director (WM)	-	9383471454	
Deputy Director (C)	-	9383471457	
Deputy Director (NWDPPRA)	-	9383471455	
Deputy Director (YP)	-	9383471458	
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KOZHICODE (STD Code:0495)

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Technical Assistant		9383471783	
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Kuttiadi	0496-2595085	9383471851	kuttiadykzkzd@gmail.com
ADA Tuneri	0496-2551134	9383471885	adatuneri@gmail.com
Nadapuram	0496-2554139	9383471889	nadapuramkzkzd@gmail.com
Tuneri	0496-2551180	9383471891	tunerikzkzd@gmail.com
Edachery	0469-2544262	9383471887	edacherikzkzd@gmail.com
Purameri	0496-2551370	9383471890	puramerikzkzd@gmail.com
Vanimel	0496-2560475	9383471893	vanimelkzkzd@gmail.com
Chekkiad	0496-2571243	9383471886	Chekkiadkzkzd@gmail.com
Valayam	0496-2460144	9383471892	valayamkzkzd@gmail.com
ADA Vatakatra	0496-2515090	9383471904	adavatakara@gmail.com
Vatakatra	0496-2515750	9383471909	vatakarakzkzd@gmail.com
Azhiyur	0496-2500182	9383471905	azhiyurkzkzd@gmail.com
Eramala	0496-2544010	9383471907	eramalakzkzd@gmail.com
Onchiam	0496-2500307	9383471908	onchiamkzkzd@gmail.com
Chorode	0496-2512090	9383471906	chorodekzkzd@gmail.com
ADA Thodannur	0496-2593735	9383471879	adathodannur@gmail.com
Ayanchery	0496-2590097	9383471880	ayancherykzkzd@gmail.com
Maniyur	0496-2536844	9383471882	maniyurkzkzd@gmail.com
Villiappally	0496-2535524	9383471884	villiappallykzkzd@gmail.com
Thiruvallur	0496-2590075	9383471883	kbthiruvallur@gmail.com
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Cheruvannur Nallalam	0495-2420039	9383471841	cnallalamkbkzd@gmail.com
Ramanattukara	0495-2440354	9383471846	ramanattukarakbkzd@gmail.com
Feroke	0495-2480270	9383471843	ferokekbkzd@gmail.com
Olavanna C No	0495-2431315	9383471845	olavannakbkzd@gmail.com
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Kadalundi	0495-2470590	9383471844	aokbkadalundi@gmail.com
Elathur	0495-2460130	9383471842	kbelathur123@gmail.com
ADA Kakkur	0496-2260728	9383471811	adakakkur@gmail.com
Kakkur	0495-2260275	9383471814	kakkurkbkzd@gmail.com
Kakkodi	0495-2265058	9383471813	kakkodykbkzd@gmail.com
Chelannur	0495-2260288	9383471812	chelannurkbkzd@gmail.com
Nanminda	0495-2855808	9383471815	chelannurkbkzd@gmail.com
Narikkuni	0495-2246061	9383471816	narikkunikbkzd@gmail.com
Thalalalathur	0495-2850103	9383471817	thalakkulathurkbkzd@gmail.com
ADA Mukkam	0496-2801162	9383471855	adakunnamangalam@gmail.com
Chathamangalm	0495-2800398	9383471856	chathamangalomkbkzd@gmail.com
Karassery	0495-2294235	9383471857	karasserykbkzd@gmail.com
Kodiyathur	0495-2206039	9383471858	kodiyathurkbkzd@gmail.com
Kunnamangalm	0495-2800611	9383471859	kunnamangalamkbkzd@gmail.com
Kuruvattur	0495-2810438	9383471860	kuruvattoorkbkzd@gmail.com
Mavoor	0495-2884433	9383471861	mavoorkbkzd@gmail.com
Mukkam	0495-2294026	9383471862	mukkombkzd@gmail.com
Perumanna	0495-2430364	9383471863	perumannakbkzd@gmail.com
Peruvayal	0495-2490192	9383471864	kbperuvayal@gmail.com
ADA Koyilandy	0496-2623826	9383471832	adakoyilandy@gmail.com
Koyilandy	0496-2631691	9383471836	koyilandykbkzd@gmail.com
Arikulam	0496-2695052	9383471833	krishibhavanarikkulam@gmail.com
Moodadi	0496-2693220	9383471837	moodadikbkzd@gmail.com
Chengottukvu	0496-2211846	9383471834	chengottukavukbkzd@gmail.com
Chemenchery	0496-2686059	9383471835	chemancherykbkzd@gmail.com
ADA Thikkody	0496-2600530	9383471873	adathikkody@gmail.com
Payyoli	0496-2600150	9383471876	payyolikbkzd@gmail.com
Thikkody	0496-2600121	9383471877	aokbthikkodi@gmail.com
Thurayur	0496-2470210	9383471878	thurayurkbkzd@gmail.com
Keezhariyur	0496-2675097	9383471874	keezhariyurkbkzd@gmail.com
Meppayur	0496-2675421	9383471875	meppayurkbkzd@gmail.com
ADA Perambra	0496-2615570	9383471865	adaperambra1@gmail.com
Perambra	0495-2294546	9383471872	perambraakbkzd@gmail.com
Kayanna	0496-2659104	9383471869	kayannakbkzd@gmail.com
Nochad		9383471871	nochadkbkzd@gmail.com
Chakkittapara	0496-2662003	9383471866	chakkittaparakbkzd@gmail.com
Changaroth	0496-2668055	9383471867	changarothkbkzd@gmail.com
Koothaly	0496-2610499	9383471870	koothalikbkzd@gmail.com
Cheruvannur	0496-2775335	9383471868	Cheruvannurkbkzd@gmail.com
ADA Koduvally	0496-2210050	9383471820	adakdly@gmail.com
Kattipara	0495-2270071	9383471821	kattiparakbkzd@gmail.com
Kizakoth	0495-2200422	9383471822	kizhakothkbkzd@gmail.com
Kodenchery	0495-2236107	9383471823	kodencherykbkzd@gmail.com
Koduvally	0495-2214500	9383471824	koduvallykbkzd@gmail.com
Koodarangi	0495-2252147	9383471825	koodaranhikbkzd@gmail.com
Madavoor	0495-2244190	9383471826	madavoorkbkzd@gmail.com
Omassery	0495-2281060	9383471827	omasserykbkzd@gmail.com
Pudupady	0495-2220309	9383471829	kbpuduppadi@gmail.com
Thamarassery	0495-2223828	9383471830	thamarasserykbkzd@gmail.com

Thiruvambady	0495-2252050	9383471831	kbthiruvambady@gmail.com
ADA Ulliyeeri	0496-2654243	9383471894	adaullyeri@gmail.com
Ulliyeeri	0496-2654269	9383471902	ullyierikbkzd@gmail.com
Naduvannur	0496-2654320	9383471899	naduvannurkbkd@gmail.com
Balusseri	0496-2705054	9383471896	balusserikbkzd@gmail.com
Panaghad	0496-2642036	9383471901	panangadkbkd@gmail.com
Koorachundu	0496-2660088	9383471897	koorachundukbkzd@gmail.com
Kottur	0496-2658525	9383471898	kotturkbkd@gmail.com
Atholi	0496-2672141	9383471895	atholikbkzd@gmail.com
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State Seed Farm Pudukkudi	0495-2220175	9383471809	saossfpudukkudi@gmail.com
Coconut Nursery Thikkoti	0496-2606788	9383471810	adathikkoti@gmail.com
District Soil Testing Lab	0496-2600250	9383471791	ascdstthikkoti@gmail.com
Mobile Soil Testing Lab	0496-2606633	9383471792	ascmstlkkd@gmail.com
ADA(Seed) Vatakara	0496-2520400	9383471801	adaseedvatakara@gmail.com
District Agricultural Farm Koothali	0496-2663264	9383471806	koothalifarm@gmail.com
State Agmark Grading Laboratory Vengeri	0495-2237514	9447960928	chemistsagl@gmail.com
Farmers Training Centre Vengeri	0495-2373582	9447974664	ftckzd@gmail.com
Atma Vengeri	0495-2378997	9447149871	
Atma Vengeri	0495-2378997	9446310645	
Auwm Vengeri	0495-2376514	9383471795	
Auwm Vengeri		9383471796	
Asst.Ex.Eng.Office	0495-2723766	9383471798	

WAYANAD (STD Code:0493)

Name of Office	Landline	Mobile	e-mail id
Principal Agricultural Officer	6202506	9383472442	paowayd@gmail.com
Assitant Principal Agricultural Officer		9383471916	
Technical Assistant		9383471915	
Project Director ATMA	6204540	9383471992	atmawayanad@gmail.com
DDA(YP)		9383472394	ddypwayanad@gmail.com
DDA(NWDPR)		9383471911	ddnwdprawayd@gmail.com
DDA(W M)		9383471910	ddawmwayd@gmail.com
DDA(C)		9383471912	
DDA (E&T)		9383471913	ddaeadntwynd@gmail.com
DDA(H)		9383471914	ddahwayd@gmail.com
ADA (M)		9383471921	
ADA Kalpetta	6207544	9383471927	adakpta@gmail.com
Kalpetta	6202720	9383471928	kbkalpetta@gmail.com
Pozhuthana	6255186	9383471935	aokbpoza@gmail.com
Thariode	6250361	9383471936	aokbthariode@gmail.com
Meppadi	6281845	9383471931	kbmeppadi@gmail.com
Padinjathara	6273221	9383471934	kbpadinj@gmail.com
Vythiri	6255165	9383471938	aokbvythiri@gmail.com
Muttill	6202722	9383471933	kbmuttil@gmail.com
Muppainad	6217250	9383471932	kbmoopainad@gmail.com
Vengappally	6202548	9383471937	kbvengappally@gmail.com
Kottathara	6284126	9383471930	aokbkr@gmail.com
ADA Sultan Bathery	6227210	9383471953	adasbby@gmail.com
Nenmeni	6266290	9383471956	kbnenmeni@gmail.com
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S. Bathery	6220040	9383471958	aokbsbi@gmail.com

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Vellamunda	5230115	9383471945	aokbvellamunda@gmail.com
Thondernad	5236310	9383471944	krishibhavanthondernad@gmail.com
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Mananthavady	5242225	9383471941	agrioffmtdy@gmail.com
Thavinjal	5256040	9383471942	kbthavinhal@gmail.com
Thirunelly	5250144	9383471943	aotnly@gmail.com

ADA Panamaram	5220271	9383471946	adapnmb@gmail.com
Panamaram	5220209	9383471950	aokbpnm@gmail.com
Poothadi	6210070	9383471951	kbpoothadi@gmail.com
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Mullankolly	6240016	9383471949	kbmullankolly@gmail.com
Kaniyambetta	6284112	9383471948	krishibhavankbta@gmail.com

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CES Ambalavayal	6260001	9447933145	cesabl003@gmail.com
RAWM Sulthan bathery	6223192	9383471923	rawmarketbathery@gmail.com

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Assistant Principal Agricultural Officer	4972706154	9383472034	jdaknr@gmail.com
Technical Assistant	4972706154	9383472033	jdaknr@gmail.com
ADA Payyannur	(498)5209588	9383472053	adapnr@gmail.com
Cherupuzha	(498)5242520	9383472265	kbcherupuzha@gmail.com
Eramam - Kuttur	4985270780	9383472250	kberamam@gmail.com
Karivellur-Peralam	(498)5262142	9383472257	karivellur.k.b@gmail.com
Kankole-Alapadamba	(498)5283955	9383472260	kbkankol@gmail.com
Kunhimangalam	4972810920	9383472259	kunhimangalamkb@gmail.com
Payyannur	(498)5202261	9383472251	krishibhavanpnr@gmail.com
Peringom	(498)5237800	9383472252	kbperingome@gmail.com
Ramanthali	(498)5222950	9383472262	kbmanthali123@gmail.com
ADA Thaliparamba	(460)2205135	9383472054	ada.tpba@gmail.com
Alakode	(460)2256476	9383472082	aokbalakode476@gmail.com
Andhoor	2781474	9383472065	kbandhoor@gmail.com
Chapparapadavu	(460)2270035	9383472072	krishibhavan18@yahoo.com
Chengalayi	(460)2260888	9383472076	aochengalai@gmail.com
Kadannappally	(498)5270700	9383472080	krishibhavankadannappally@gmail.com
Kurumathur	(460)2224141	9383472078	kbkurumathur@gmail.com
Naduvil	(460)2251600	9383472074	aokbnaduvil@gmail.com
Pariyaram	(460)2202610	9383472071	pariyaramkb@gmail.com
Pattuvam	(460)2220550	9383472068	aopattuvam@gmail.com
Thaliparamba	(460)2201245	9383472066	kbthaliparamba@gmail.com
Udayagiri	(460)2286549	9383472085	krishibhavanudayagiri@gmail.com
ADA Kalliassery	(497)2866710	9383472055	adaksry@gmail.com
Cherukunnu	(497)2860080	9383472201	aokbcherukunnu@gmail.com
Cheruthazham	(497)2800365	9383472165	aocheruthazham@gmail.com
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Kannapuram	(497)2860112	9383472157	aokbkannapuram@gmail.com
Madayi	(497)2874875	9383472155	kadayikrishibhavan@gmail.com

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Chirakkal	(497)2775199	9383472144	kbchirakkal.@gmail.com
Pallikkunnu	(497)2749522	9383472150	kbpallikunnu@gmail.com
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Pappinissery	(497)2788953	9383472151	kbppy123@gmail.com
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Valapattanam	(497)2777321	9383472153	kbvalapattanam@gmail.com
ADA Iritty	(490)2486160	9383472057	adairitty@gmail.com
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Keezhallur	(490)2487220	9383472208	aokbkeeshallur@gmail.com
Keezhur Chavassery	(490)2433270	9383472217	aokbkeezhurchavassery@gmail.com
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Mattannur	(490)2474007	9383472230	kbmattannur@gmail.com
Payam	(490)2422455	9383472204	aokbpayam@gmail.com
Thillankeri	(490)2405270	9383472207	aokbthillankey@gmail.com
ADA Irikkur	(460)2297320	9383472058	adaikr@gmail.com
Eruvessy	(460)2212155	9383472182	kberuvessy@gmail.com
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Kuttiattur	(497)2790037	9383472190	kbktrao@gmail.com
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Padiyoor	(460)2278600	9383472186	aokbpadiyoor@gmail.com
payyavoor	(460)2210095	9383472195	aokbpayyavoor@gmail.com
Sreekandapuram	(460)2230494	9383472184	aokbskpm@gmail.com
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Chembilode	(497)2850192	9383472126	kbchembilode@gmail.com
Edakkad	(497)2835796	9383472129	aoedakkad@gmail.com
Elayavoor	(497)2728125	9383472130	kbelayavoor@gmail.com
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Kolachery	(460)2242500	9383472135	kbkolachery@gmail.com
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Peralassery	(497)2827182	9383472140	kbperalassery@gmail.com
ADA Thalassery	(490)2344607	9383472060	thalasseryada@gmail.com
Anjarakandy	(497)2853443	9383472114	kbanjarakandy@gmail.com
Dharmadam	(490)2346066	9383472102	aodharmadam@gmail.com
Eranholi	(490)2389022	9383472104	kberanholi@gmail.com
Kodiyeri	(490)2357160	9383472107	kbkodiyeri@gmail.com
Muzhappilangad	(497)2833791	9383472103	kbmuzhappilangad@gmail.com
New-Mahe	(490)2333634	9383472110	kbnewmahe@gmail.com
Pinarayi	(490)2382713	9383472119	kbpinarayi@gmail.com
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Vengad	(490)2385237	9383472376	kbvengad@gmail.com
ADA Peravoor	(490)2443215	9383472172	adapvr@gmail.com
Kanichar	(490)2446680	9383472166	kbkancr@gmail.com
Kelakam	(490)2416101	9383472177	aokelamam@gmail.com
Kolayad	(490)2303384	9383472174	krishbhavankolayad@gmail.com
Kottiyoor	(490)2431177	9383472176	aokottiyoor@gmail.com
Maloor	(490)2401200	9383472167	apmalur@gmail.com
Muzhakkunnu	(490)2458460	9383472170	kbmuzhakkunnu@gmail.com

Peravoor	(490)2443080	9383472172	kbperavoor@gmail.com
ADA Panoor	(490)2316016	9383472062	adapanoor@gamil.com
Chokli	(490)2338200	9383472094	aokbchokli@gmail.com
Kadirur	(490)2388233	9383472099	kbkadirur@gmail.com
Kariyad	(490)2394701	9383472097	kbkariyad@gmail.com
Mokeri	(490)2317067	9383472086	aokbmkri@gmail.com
Panniannur	(490)2314454	9383472091	aokbpanniannur@gmail.com
Panoor	(490)2318570	9383472088	aopanoor@gmail.com
Peringalam	(490)2394260	9383472092	aokbperingalam@gmail.com

ADA Kuthuparamba	(490)2362090	9383472063	adakuthu10@gmail.com
Koothuparamba	4902365080	9383472231	kbkuthuparamba@gmail.com
Chitariparamba	(490)2300132	9383472236	kbchitaariparamba@gmail.com
Kunnothuparamba	(490)2464347	9383472242	kbknp2013@gmail.com
Kottayam Malabar	(490)2364910	9383472245	kbkottayammalabar@gmail.com
Mangattidam	(490)2368061	9383472238	aomanagattidam@gmail.com
Pattiam	(490)2367189	9383472240	kbpattiam@gmail.com
Thripangattur	(490)2466227	9383472247	agricultureofficertp@gmail.com
Aralam Farm	(490)2444740		aralamfarm2010@gmail.com
AEE	(497)2725229	9383472050	aeagriknr@gmail.com
ATMA	(490)2365154	9383472003	atmaknr@gmail.com
Coconut Nursery Palayad	(490)2345766	9383472049	cnpalayad@gmail.com
District Agricultural Farm Thaliparamba	(460)2203154	9383472042	kannurdaf@gmail.com
District Soil Testing Lab	(460)2206812	9383472038	dstknr@gmail.com

KASARGOD (STD Code:0499)

Name of Office	Landline	Mobile	e-mail id
Principal Agricultural Officer	0499-4255346	9383472400	paoksd1@gmail.com
Assitant Principal Agricultural Officer	9383471966		
Technical Assistant	9383471965		
ADA Nileshwar	(0467)2280357	9383471974	adanileshwar@gmail.com
Nileshwar	(0467)2280517	9383472334	nileshwarkb@gmail.com
Kayyur-Cheemeni	(0467)2251301	9383472331	kbcheemeni@gmail.com
Cheruvathur	(0467)2263434	9383472326	kbcheruvathur@gmail.com
Padan	(0467)2213805	9383472338	kbpadne@gmail.com
Pilicode	(0467)2260298	9383472336	kbpilicode@gmail.com
Valiyaparamba	(0467)2258600	9383472341	kbvaliyaparamba@gmail.com
Trikaripur	(0467)2214230	9383472328	kbtrikaripur@gmail.com
ADA Kanhangad	(0467)2207355	9383471975	adakgd@gmail.com
Udma	(0467)2237427	9383472308	krishibhavanudma@gmail.com
Pallikkara	(0467)2272124	9383472377	kbpallikkara@gmail.com
Ajanur	(0467)2268900	9383472305	krishibhavanajanur@gmail.com
Pullur-Periya	(0467)2233010	9383472307	kbpullurperiya@gmail.com
Madikai	(0467)2240644	9383472302	madikaiqb@gmail.com
Kanhangad (M)	(0467)2202877	9383472297	kbkhdagri@gmail.com
ADA Parappa	(467)2254121	9383471976	parappaada@gmail.com
Balal	(467)2242551	9383472351	krishibhavanbalal@gmail.com
Kodum Belur	(467)2346100	9383472356	kbkbelur@gmail.com
Panathady	(467)2227010	9383472354	kbpanatadi@yahoo.com
Kallar	(467)2224766	9383472355	kallarkrishibhavan@gmail.com
Kinanur-Karindalam	(467)2259297	9383472357	krishibhavanckgp@gmail.com
West Eleri	(467)2245599	9383472353	kbwesteleri@gmail.com
East Eleri	(467)2222872	9383472352	kbeasteleri@gmail.com
ADA Kasaragod	(499)4226108	9383471977	adaksd@yahoo.com
Madhur	4231288	9383472325	madhurkrishibhavan@gmail.com

Mogralputhur	4232006	9383472316	kbmogralputhur@gmail.com
Chengala	4280065	9383472321	aokbchengala@yahoo.com
Kasaragod (M)	4230560	9383472310	afokbksd@gmail.com
Chemnad	4237557	9383472312	kbchemnad@gmail.com
Kumbbla	0499-8216802	9383472315	aokbkumbbla@gmail.com
Badiadka	0499-8286696	9383472319	aobadiadka@gmail.com
ADA Karadka	4260350	9383471978	karadkaada@gmail.com
Muliyar	4252649	9383472280	muliyarkrishbhavan@gmail.com
Karadka	4260356	9383472273	krishbhavankaradka@gmail.com
Delampady	4270095	9383472271	delampadykbk@gmail.com
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Kumbadaje	8260009	9383472275	kbkumbdaje@gmail.com
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Enmakaje	8225231	9383472295	krishbhavanenmakaje@yahoo.in

INSTITUTIONS UNDER DEPARTMENT OF AGRICULTURE

1 DEPARTMENTAL FARMS

THIRUVANANTHAPURAM

District Agricultural Farm, Peringamala	0472-2846488
Banana Nursery, Peringamala	0472 2846622
State Seed Farm, Ulloor	0471 2530035
State Seed Farm, Chirayinkil	0470 2644291
Coconut Nursery, Valiyathura	0471 2508222
Coconut Nursery, Kazhakuttam	0471 2413195

KOLLAM

District Agricultural Farm,	0475 - 2270447	dafanchal@gmail.com
Cashew Farm, Kottarakkara	0474 - 2045235	ssfkkottarakkara@gmail.com
State Seed Farm, Kottarakkara	0474-2045235	
State Seed Farm, Karunagapally	0476 - 2620290	scnkarunagappally@gmail.com
State Seed Farm, Kadakkal	0474 - 2426666	adassfkadakkal@gmail.com

PATHANAMTHITTA

State Seed Farm, Adoor	04734-227868
State Seed Farm, Pulladu	0469 2661917
Sugarcane Seed Farm, Pandalam	04734 252500

ALAPPUZHA

District Agricultural Farm, Mavelikkara	0479 2357690
State Seed Farm, Arunoottimangalam	0479 2358700
State Seed Farm, Veeyapuram	0479 2318490

KOTTAYAM

District Agricultural Farm, Kozha	0482-2234016
State Seed Farm, Kozha	
State Seed Farm, Valachira	0482-9283306

IDUKKI

District Agricultural Farm, Arikuzha	04862 278599
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State Seed Farm, Karimannoor 04862 263560
State Vegetable Farm, Vandiperiyar 04869 253543

ERNAKULAM

District Agrl. Farm, Neriyaamangalam 0485 2554416
State Seed Farm, Aluva 9446073457
State Seed Farm, Okkal 0484 2464941
Coconut Nursery, Vyttila 0484 – 2700779

THRISSUR

District Agricultural Farm, Chelakkara 04884 2526636, 9447829421
State Seed Farm, Mannuthy 04872371678, 9496003619
State Seed Farm, Kodassery 04802743834
State Seed Farm, Nadavarambu 9447829429
State Seed Farm, Edathuruthy 9847067693
State Seed Farm, Pazhayannor 04884226260
State Seed Farm, Pananchery 0487 228336, 9496003620
Coconut Nursery, Irinjalakuda 9447275889, 9447388326

PALAKKAD

Horticulture Development Farm, Malampuzha 0491-2815331, 9447359453
Orange & Vegetable Farm, Nelliampathy 0492-3246225
Integrated Seed Development Farm, Eruthiampathy 0492-3236007
Central Orchard, Pattambi 0466-2212009
State Seed Farm, Alathur 0492-2223313, 9447590051
State Seed Farm, Kunnanoor 0491-2572224
State Seed Farm, Kongadu 0492-2102121
State Seed Farm, Ananganadi 9446228311
State Seed Farm, Muthalamada 0491-3212125

MALAPPURAM

Seed Garden Complex, Munderi 04931-209890
District Agricultural Farm, Chungathara 04931 230104
State Seed Farm, Chokkad 04931 212144
State Seed Farm, Thavannoor 9447596015
State Seed Farm, Anakkayam 0483 2848126
Coconut Nursery, Parappanangadi 0494 - 2413314

KOZHIKODE

District Agricultural Farm, Koothali 0496 2662264
State Seed Farm, Perambra 0496 2614221
State Seed Farm, Pudupadi 0496-2512340
Coconut Nursery, Thikkodi 0496 2606788

KANNUR

District Agricultural Farm, Taliparamba 0460 2203154
State Seed Farm, Vengad 0490 2308047
State Seed Farm, Kankole 0498 5280050, 9495744336
Coconut Nursery, Palayad 0490-2345766
T x D Farm, Chalod, Kannur

KASARAGOD

State Seed Farm, Kasaragod 04994 230510
State Seed Farm, Pullor 0467 2268808
Cashew Development Office 04994 262272
Cashew Progeny Orchard, Aadoor, Gwalimugha, Kasaragod 04994 262272

2. DISTRICT SOIL TESTING LABORATORIES (DSTL) IN KERALA

1. District STL, Parottukonam, Nalanchira.P.O., Thiruvananthapuram - 695 015. 0471 2533044
2. DSTL, Mamoottil Kadavu, Kavanadu.P.O., Kollam 0474-2797869

3. DSTL, Sanathanapuram, Alappuzha -3.	0477-2266862
4. DSTL, Kadakkad, Pandalam, Pathanamthitta.	04734-256645
5. DSTL, Kozha P.O., Kottayam.	0482-2231156
6. DSTL, Areekuzha P.O., Thodupuzha, Idukki.	04862-281162
7. DSTL, Vyttila, Ernakulam, Kochi-19.	0484-2703976
8. DSTL, Chempukavu, Thrissur - 20.	0480-2701630
9. DSTL, Mele Pattambi, Palakkad - 679 306.	9447075482
10. DSTL, Up Hills, Malappuram - 5.	0483-2731390
11. DSTL, Tikkoti, Kozhikode.	0496-2600250
12. DSTL, Mananthavady, Wayanad.	04935-242499
13. DSTL, Karimbum P.O., Thaliparambu, Kannur.	0460-2206812
14. DSTL, Seed Farm Complex (Agri.), A.T. Road, Kasaragod.	04994-227438

3. CENTRAL SOIL PLANT HEALTH CENTRE (CSPHC)

CSPHC, Parottukonam, Nalanchira P.O., Thiruvananthapuram - 695 015. 2541776

4. MOBILE SOIL TESTING LABORATORIES (MSTL)

1. MSTL, Parottukonam, Nalanchira P.O., Thiruvananthapuram - 695 015.	0471 2530622
2. MSTL, Mamooittel Kadavu, Kavanadu.P.O., Kollam.	04742797795
3. MSTL, Sanadanapuram, Kalarkodu, Alappuzha- 3	0477-2266863
4. MSTL, Up Hills, Malappuram - 5.	0483-2731390
5. MSTL, Tikkoti, Sanadanapuram, Kozhikode.	496 2606633
6. MSTL, Karimbum P.O., Thaliparambu, Kannur.	04972764595
7. MSTL, Chempukavu, Thrissur - 20.	9446537419
9. MSTL, Mele Pattambi, Palakkad - 679 306.	0466-2212993
8. MSTL, Kozha.P.O., Kottayam.	0482-2230030
10. Central STL, Parottukonam, Nalanchira.P.O., Trivandrum.	

5. FERTILIZER QUALITY CONTROL LABORATORIES (FQCL)

1. FQCL, Parottukonam, Nalanchira P.O., Thiruvananthapuram - 695 015.	Email:fqcltvp.m.agri@gmail.com	0471-2530578
2. FQCL, Pattambi, Palakkad - 679 306.	Email:fqclptb@gmail.com	Ph: 0466 2212048

6. PESTICIDE TESTING LABORATORY (PTL)

PTL, Parottukonam, Nalanchira P.O.,
Thiruvananthapuram - 695 015. Email:ddapptl.agri@gmail.com 0471-2530867

7. SEED TESTING LABORATORIES (STL)

1. State Seed Testing Laboratory, Kalarcode, Alappuzha - 688 003	Email:sstlalappuzha@gmail.com	0477 2268615
2. Seed Testing Laboratory, Parottukonam, TVM - 15.	Email:aosstltvp.m@gmail.com	

8. STATE AGMARK GRADING LABORATORIES OF KERALA (SAGL)

1. SAGL, Agricultural Wholesale Market, Venpalavattom, TVM-695029.	0471 2558930
2. SAGL, Thirumullavaram, Kollam - 12.	0474 2791410
3. SAGL, PM 354/12, Illrd Floor, P.P Road, Pathanamthitta.	04734 252801
4. SAGL, Beach Road, Sea View Ward, Alappuzha - 12.	9447804033
5. SAGL, Near H.D. Commercial Centre, Kottayam - 1.	9496000935
6. SAGL, Vyttila, Thammanam P.O., Ernakulam.	9495427788
7. SAGL, KAEP Building, Opp. St.Joseph's Womens College, Irinjalakuda P.O., Thrissur.	9496003624
8. SAGL, Pallimukku, Thathamangalam P.O., Palakkad.	04923 2535708

9. SAGL, Malaparamba P.O., Kozhikode - 9.
10. SAGL, Civil Station, F block, Kannur.

0495 237514
0460 2205773

9. STATE BIO-CONTROL LAB, MANNUTHY

Phone : 0487-2374605, 9496003629 email. bmfotvm@yahoo.co.in

10. BIO-TECHNOLOGY AND MODEL FLORICULTURE CENTRE

KAZHAKUTTAM, THIRUVANANTHAPURAM. Phone : 0471-2413739

11. STATE BIO-FERTILIZER LABORATORY (SBFL)

- | | |
|---|--|
| 1. SBFL, Parottukonam, Nalanchira P.O. Thiruvananthapuram-695 015 | 0471-2530578 |
| 2. BFL, Mele Pattambi P.O, Pattambi, Palakkad Dist. - 679 306 | Email-boqclptb@gmail.com
0466-2212048 |
| 3. Biofertilizer & Organic Manure Quality Central Laboratory Melepattambi P.O., Pattambi, Palakkad-679306 | Email-boqclptb@gmail.com |

12. PARASITE BREEDING STATIONS (PBS)

- | | |
|--|--|
| 1. PBS, Agriculture whole sale Market Anayara, Trivandrum 695029 | |
| 2. PBS, State Agmark Grading Lab, Kollam | saosagkollam04@gmail.com
0474 2991410 |
| 3. PBS, Kalarcode, Sanadanapuram P.O. | |
| 4. PBS, Kottayam | |
| 5. PBS, Vyttila, Ernakulam Dist. | |
| 6. PBS, Irinjalakuda, Thrissur Dist. 680 121 | |
| 7. PBS, Parappanangadi, Malapapuram | |
| 8. PBS, Thikkodi, Kozhikode Dist. | |
| 9. PBS, State Seed Farm, Kasaragod-671121 | |

13. KERALA CENTRE FOR PEST MANAGEMENT

MANCOMPU, THEKKEKKARA P.O., ALAPPUZHA, Ph: 0477 2702683
pdkcpm@gmail.com

14. REGIONAL AGRICULTURAL TECHNOLOGY TRAINING CENTRES (RATTC)

- | | | |
|---------------------------------------|---|---------------|
| (1) Thiruvananthapuram, Kazhakkuttom; | 9447904501, 9408365101
rattckzhm@gmail.com | 0471 2413739 |
| (2) Kottayam, Kozha; | ddarattkozha@gmail.com | 04822 231 351 |
| (3) Ernakulam, Vyttila; | rattcvyttila@gmail | 0484 2703694 |
| (4) Palakkad, Malampuzha | rattcmpz@gmail.com | 0491 2815912 |
| (5) Kannur, Thaliparamba | ddarattctpa @yahoo.com | 0460 2203151 |

15. FARMERS TRAINING CENTRES (FTC)

- | | | |
|--|---|--------------|
| 1. Farmers Training Centre Pandalam, Pathanamthitta. | | 04734-252244 |
| 2. Farmers Training Centre, Vengeri, Kozhikode, | ftckzd@gmail.com
ftcpandalam@gmail.com | 0495 2373582 |

17. AGRICULTURAL WHOLESALE MARKETS

- | | |
|--|--------------|
| 1. Agricultural Urban Wholesale Market, Venpalavattom, Anayara P.O., Thiruvananthapuram-29 | 0471 2558930 |
| 2. Agricultural Rural Wholesale Market, Nedumangad P.O., Thiruvananthapuram, | 0472 2813932 |
| 3. Agricultural Urban Wholesale Market, Maradu, Nellur P.O. Ernakulam - 682 304 | 0484 2701042 |
| 4. Agricultural Rural Wholesale Market, Muvattupuzha, Ernakulam -686 673, | 0484 2813200 |
| 5. Agricultural Urban Wholesale Market, Tadampattuthazham, Vengeri, Kozhikode - 673 010 | 0495 2376514 |
| 6. Agricultural Rural Wholesale Market, Ammayi Palam, Sultan Bathery P.O., Wayanad-673592 | 0493-6223192 |

16. ENGINEERING OFFICES

Name & Office Address	Office Number	E mail- ID
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Executive Engineer (Agri) Sanathanapuram P.O., Kalarcode,Alappuzha – 688003	04772266084	eeagria@gmail.com
Assistant Executive Engineer (Agri), O/O the Assistant Executive Engineer (Agri), Venpalavattom, Anayara PO Thiruvananthapuram – 695029	04712743820	aeegrivtm@gmail.com
RTT Centre, Vellayani, Thiruvananthapuram – 695522	04712381763	rttctvpm@gmail.com
Assistant Executive Engineer (Agri), Kavanad PO, Kollam – 691003	04742795434	aeegriklm@yahoo.in
Assistant Executive Engineer (Agri), Kadakkad, Pandalam. PO Pathanamthitta – 689501	04734252939	aeegripandalam@gmail.com
Assistant Executive Engineer (Agri), Vayaskara kunnu, Kottayam – 686001	04812561585	aeegriktm@gmail.com
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Assistant Executive Engineer (Agri), Malampuzha, Palakkad – 678651	04912816028	aeepkd@gmail.com
Assistant Executive Engineer (Agri), Thodupuzha, Idukki – 685584	04862228522	aeegriidk@gmail.com
Assistant Executive Engineer (Agri), National Highway Building Complex, Chempukkavu, Thrissur – 680020	04872325208	aeegrtsr@gmail.com
Assistant Executive Engineer (Agri), Anakkayam. PO Malappuram – 676509	04832848127	aeempm@gmail.com
Assistant Executive Engineer (Agri), Puthiyara. P.O, Kozhikkode- 673004	04952723766	aeegrikkd@gmail.com
Assistant Executive Engineer (Agri), Muttill PO, Kalpetta Wayanad – 673121	04936202747	aeegrwayanad@gmail.com
Assistant Executive Engineer (Agri), Pathipparamba, Chovva, PO, Kannur – 670006	04972725229	aeegriknr@gmail.com
Assistant Executive Engineer (Agri), A.T Road, Kasaragod – 671121	04994225570	aeeksd@yahoo.co.in

OTHER MAJOR INSTITUIONS

HARITHA KERALAM MISSION

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Office -0471 2449938, 2449939

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Executive Vice Chair Person 0471 2449938, 2449939 9447077556

Indu. S

Administrative Officer 0471 2449938, 2449939 9446456435

Abraham Koshi

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V.Rajendran Nair

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0471 2449939 2449939

9446104370

Manoj B.

Public Relation Officer

0471 2449938, 2449939

9895882812

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Alappuzha	K.S.Rajesh	hkmalpy@gmail.com	9497676809
Kottayam	P.Ramesh	rameshpwaraka@gmail.com	9447862064
Idukki	Dr.G.S.Madhu	madhugsdr@gmail.com	9447466229
Ernakulam	Sujith Karun	sujithkarunekm@gmail.com	9446504599
Thrissur	P.S.Jayakumar	psjayakumar 123@gmail.com	9446849395
Palakkad	Y.Kalyana Krishnan	kalyanakrishnany@gmail.com	9400583312
Malappuram	Jithin T.V.S	hkmmalapuram@gmail.com	9497541531
Kozhikode	Prakash.P	hkmkozhikode@gmail.com	9447768058
Wayanad	Sureshbabu.E	hkmwayanad@gmail.com	9495031023
Kannur	E.K.Somasekaran	hkmkannur@gmail.com	9744333345
Kasaragod	M.P.Subramanyan	hkmkasaragod@gmail.com	9497301687

SMALL FARMER'S AGRI BUSINESS CONSORTIUM, KERALA

1st Floor, Administrative Block, AUWM, Anayara P.O, Thiruvananthapuram 695029

Phone: 0471-2742110, email: sfackerala.agri@kerala.gov.in

	Office	Mobile
President: Ishita Roy IAS (Agriculture Production Commissioner)		8826272707
Managing Director: Molly T Jose Email: sfackerala.agri@kerala.gov.in Website: www.sfackerala.org	0471-2742113	9383470650
Bindukumari A - Project Director	0471-2742110	9383470280
Salin Tapasi - Project Leader	0471-2742110	9383470281
Asha Raj - Manager (Projects)	0471-2742110	9383470282

VEGETABLE AND FRUIT PROMOTION COUNCIL KERALAM (VFPCCK)

Mythri Bhavan, Near Doordarsan Kendra, Kakkanad, Kakkanad, Kochi - 682 037

Phone: 0484-2881333, 2427455, Fax: 0484-2427906

Email-vfpcckorg@gmail.com Website: www.vfpcck.org

Chairman: **Adv. V. S Sunilkumar**

Hon'ble Minister for Agriculture Development and Farmers Welfare

Chief Executive Officer: **Dr. A K Sherief**

9447701000

Director (A & F): **Shri. Srikrishnan K**

9447702000

Director (Projects I) **Smt.Shyla Pillai**

9447981155

Director (Projects II) **Shri. Abdulla Hashim P A**

9447989955

CONTACT DETAILS OF VFPCCK

SL No	District Managers	Contact No- District Office	Contact No- District Manager	District Office Address
1	Thiruvananthapuram	0471-2335480	9446455663	District Manager VFPCCK Training Center, 38, Vipanichika, Bakery Junction, Chempakanagar, Trivandrum-695001 Email-vfpcck.tvm@gmail.com

2	Kollam	0474-2160364	9447988455	District Manager VFPC Training Center, Swathi, Naduvathur Factory Junction, Kottarakkara, Kollam-691506 Email-vfpck.klm@gmail.com
3	Pathanamthitta	0473-4252030	9447988355	District Manager VFPC Training Center, Kaveri Building, Near Sastha Temple, Pandalam, Pathanamthitta Email-vfpck.pta@gmail.com
4	Kottayam	0481-2534709	9447988255	District Manager VFPC Training Center, Pandarasseril Building, Near Village Office, Ettumanoor, Kottayam-686631 Email-vfpck.ktm@gmail.com
5	Idukki	04864-223502	9447988155	District Manager VFPC Training Center, Opp. Mini Industrial Estate, NH 49 Adimali P O, Idukki-685561 Email-vfpck.idk@gmail.com
6	Alappuzha	0479-2380976	9446394468	District Manager VFPC Training Center, Building No.CP-X/382, First Floor, SDM Building, Karimulakkal Jn, Komallur P O, Kayamkulam, Alappuzha Email-vfpck.alp@gmail.com
7	Ernakulam	0484-2422273	9447988055	District Manager VFPC Training Center, VFPC,Kakkanad Ernakulam-682037 Email-vfpck.ekm@gmail.com
8	Thrissur	0480-2727950	9447982255	District Manager VFPC Training Center, J M Complex, Near ITC Bank Aloor Road, Kodakara-680301 Email-vfpck.tsr@gmail.com
9	Palakkad	04922-223826	8547600374	District Manager VFPC Training Center, Opp. Gurukulam High School Alathur, Palakkad-678541 Email-vfpck.pkd@gmail.com
10	Malappuram	0483-2768987	9447984455	District Manager VFPC Training Center, Padmasree Building, Industrial Estate Road, Near Town Hall, Manjeri, Malappuram- 676121 Email-vfpck.mlp@gmail.com
11	Calicut	0495-2225517	9447983355	District Manager VFPC Training Center, Sithara Buildings, Thamarassery, Calicut673573 Email-vfpck.clt@gmail.com
12	Kannur	0497-2708211	9497715463	District Manager VFPC Training Center, C/o Dr. Ramesh Babu, Yogasala Road, Kannur-1 Email-vfpck.knr@gmail.com
13	Wayanad	04936-286012	9447988655	District Manager VFPC Training Center, Building No.G-525, Ground Floor Ward No.6, Kaniyampetta Panchayath, Kambalakkad P.O, Wayanad-673121 Email-vfpck.wnd@gmail.com
14	Kasargode	0467-2217410	9497715463	District Manager VFPC Training Center, Alhalal Building, Magham Road, Al amin Palli, Kanjangad P O, Kasargode Email-mpakgd@vfpck.org
15	SPP	0492-2222706	9447988555	District Manager VFPC Seed Processing Plant Opp. Gurukulam High School, Alathur, Palakkad-678541 Email-vfpck.spp@gmail.com

16	Krishi Business Kendra (KBK) Ernakulam	0484-2881300	9497713883	VFPCCK Krishi Business Kendra (KBK) Near Dooradarshan Kendra, Kakkanad, Kochi-682037 Email-vfpck.kbk@gmail.com
17	Krishi Business Kendra (KBK) Thiruvananthapuram	0471-2740480	8281635530	VFPCCK Krishi Business Kendra (KBK) World Market, Near Anayara KSRTC Deppo Thiruvananthapuram-695029 Email-kbktvmvfpck@gmail.com
18	Krishi Business Kendra (KBK) Kasargode	04994-257061	9447902520	VFPCCK Krishi Business Kendra (KBK) BC Road, Vidyanagar Post, Near Collectorate Kasargode-671123 Email-kbkkasaragod.vfpck@gmail.com
19	Thalir Branded Outlet		9447103313	Kottarakkara thalir.ktka@gmail.com
20	Banana & Vegetable Pack House,Wayanad	0493-6246306	9447988655	Kammana P O, Mananthavadi vfpckpackhousewnd@gmail.com
21	Hi Tech Plug Nursery, Nadukkara		9447900025	Nadukkara, Muvattupuzha bimalroys@yahoo.com
22	Soil Testing Lab, Alappuzha		9446394468	
23	Soil Testing Lab, Malappuram		8547601603	

KISSAN KERALA PROJECT

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0471 – 2700965, 2700947
Fax : 0471 – 2527568
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KARSHIKA KARMASENA AND AGRO SERVICE CENTRE

Agriculture Research Station, Mannuthy, Thrissur

Dr. U. Jayakumaran
Special Officer of the State

9447530673

KERALA STATE SEED DEVELOPMENT AUTHORITY (KSSDA)

Agricultural Complex, Chembukkav P. O., Thrissur 680020

Phone: 0487 2330299, 0487 2331209

E mail - jdakssda@hotmail.com; jdakssda@gmail.com

Chairperson: Ishita Roy IAS (Principal Secretary & Agriculture Production Commissioner)	Office 0471-2333042	Residence
Joint Director of Agriculture- Sri. Gopi Das M.P		9383473747
Deputy. Director - Smt. T. V. Jayasree	0487-2360299	9383471419
Assistant Director of Agriculture - George T. Abraham		9383471420

VAZHAKULAM AGRO AND FRUIT PROCESSING COMPANY LIMITED

IX/266-271, Avoly P.O, Muvattupuzha, Ernakulam Dist. Kerala – 686 670

0485 – 2261547, 2989095

Email: jiveagrofruit@gmail.com

Website : www.jivekerala.com

Chairman : **E.K. Sivan**
MD : **Sri. Shibu Kumar L**

Ph:9447609366
Ph: 9388834917

KOLE DEVELOPMENT AUTHORITY

KLDC Building, Chembukavu P.O., Thrissur, 680020

Ph: 0487-2320503, 9383472393

INTERNATIONAL RESEARCH AND TRAINING CENTRE FOR BELOW SEA LEVEL FARMING, KUTTANAD

Thottappally P.O. Alappuzha-688561 Phone/Fax: 0477 2297001 e-mail: irtcbf@gmail.com

Director : **Prof (Dr).K.G.Padmakumar**

Deputy Director (Agriculture) : **Smt.Tessy Abraham**

Administrative Officer : **Shri.D.Vimal Kumar**

ANIMAL HUSBANDRY DEPARTMENT

Directorate of Animal Husbandry, Vikas Bhavan, Palayam, Thiruvananthapuram, Kerala 695033

Ph: 0471-2302283. E-mail : directorah.ker@nic.in, Web: ahd.kerala.gov.in

Dr. K.M.Dileep
Director

9446542283

Name	Designation	Mob
Dr. Terrence. B. Remedy (i/c)	Addl. Director(AH)	9447258699
Dr. S.M. Sabu	Addl Director(Plg)	9447533197
Dr. Jayachandran.B	Joint Director(LP)	9846177009
Dr.Jayachandran .R	Joint Director (P)	7012413432
Dr.Maheen M	Deputy Director (V)	9447270771
Dr.Maheen M	Deputy Director (E) (i/c)	9447270771
Dr. Giri S S , Deputy Director (P)	Deputy Director (Plg) (i/c)	9447551604
Dr. Rayne Joseph	Deputy Director (KV)	9446321442
Dr. Lissy Varghese	Deputy Director (SH)	9497393110
Dr.A.H.Shajil	Asst Director (Plg)	9447419445
Dr.R.Venugopal	Asst Director (RE)	9387830718
Dr. Sivadurga	Asst Director (CD)	9447110119
Dr. K R Binu Prasanth	Asst Director (FD)	9446443740
Dr. Suja Mary Koshy	Asst Director (CSO)	9447500788
Dr.Balachandran J	IT Officer	9447062796
Dr.Bimal R S	Veterinary Surgeon (Public Relations)	9447500767
Dr.Manu P Raveendran	Veterinary Surgeon 1 (Planning)	9387016946
Dr.Ganesh G	Veterinary Surgeon 2 (Planning)	9495828798
Dr. Soumya Vijayakumar	Veterinary Surgeon (Insurance Cell)	9072241650
Sri Suresh Kumar U	Joint Director (Stat) (i/c)	9995460226
Sri. Rajeev Kumar	Senior Finance Officer	9447255648
Smt.Haseena Kalliyath	Senior Administrative Officer	9400664136
Sri.Krishnakumara Pillai	Accounts Officer	9446049646
Smt.Asha Nalarajan	Administrative Asst I	9495975949
Smt.Ambilamma	Administrative Asst II	9497709312

DETAILS OF STATE LEVEL & DISTRICT LEVEL OFFICERS

STATE LEVEL OFFICERS

Dr. Terrence. B. Remedy Director, IAH&VB, Palode, Thiruvananthapuram	0472 2840262	9846111584
Dr. Unnikrishnan Additional Director, SLBP, Thiruvananthapuram	0471 2730662	9747637901

Dr. Terrence. B. Remedy Registrar, Kerala State Veterinary Council, Thiruvananthapuram (i/c)	0471 2435246	9846111584
Dr. Baby Joseph Chief Disease Investigation Officer, State Institute of Animal Diseases, Palode, Thiruvananthapuram	0472 2840252	9846078628
Dr. Suja. T. Nair Project Co-Ordinator, ADCP, Kudappanakunnu, Thiruvananthapuram	0471 2733416	9495700213
Dr. Harikrishna Kumar Principal Training Officer, LMTC, Kudappanakunnu, Thiruvananthapuram	0471 2732918	9447589049
Dr. Winny Joseph Principal Training Officer, LMTC, Mundayad, Kannur		9447479767
Dr. Ravi K M Joint Director (RE), Palakkad (i/c)	0491 2520626	9447034794
Dr Geo A G Deputy Director, Avian Disease Diagnostics, Laboratory, Thiruvalla	0469 2700413	8137848105
Dr. Bindhu. E.T. Deputy Director, Cattle Sterility Office, Aluva	0484 2624083	9446024922
Dr Regi Varghese George Livestock Products Inspecting Officer, State Laboratory for Livestock Management & Agri Products, Maradu, Ernakulam	0484 2703710	8136969289
Dr. Jaya Chandy Production Manager, Central Hatchery, Chengannur	0479 2452277	9446321442
Dr. Baburaj. B.N. Deputy Director, Multi Specialty, Veterinary Hospital, Kudappanakunnu		9447892098

DISTRICT LEVEL OFFICERS

Name	Name of District	Office No	Mobile No	E-mail
Dr.Prem Jain	Thiruvananthapuram	0471-2330736	9447396153	dahotvm@kerala.nic.in
Dr.Sushammakumary	Kollam	0474-2793464	9446052293	dahoklm@kerala.nic.in
Dr.Thomas Abraham	Pathanamthitta	0468-2322762	9446560650	dahoalp@kerala.nic.in
Dr.Santhoshkumar PK	Alappuzha	0477-2252431	9447375767	dahopta.ker@nic.in
Dr.Bindhu.S.N	Kottayam	0481-2563726	9447869918	dahoktm@kerala.nic.in
Dr.Jijimon Joseph	Idukki	0486-2222894	9447219215	dahoidki@kerala.nic.in
Dr.Laiby Paulin.K.J	Ernakulam	0484-2360648	9947315224	dahoekm@kerala.nic.in
Dr.Rani.K.Oomman	Thrissur	0487-2361216	9446467776	dahotsr@kerala.nic.in
Dr.Soji.C.J	Palakkad	0491-2520297	9447246970	dahopkd@kerala.nic.in
Dr.Uma.K.V	Malappuram	0483-2734917	9446156790	dahopmp@kerala.nic.in
Dr.Sindhu K.	Kozhikode	0495-2768075	9495224067	dahokzkd@kerala.nic.in
Dr.Pradeepkumar.(i/c)	Wayanad	04936-202292	9774097776	dahowynd@kerala.nic.in
Dr.Winny Joseph	Kannur	0497-2700267	9447479767	dahoknr@kerala.nic.in
Dr.Atma Krishnan	Kasargod	0499-4255483	9400252864	dahoksgd@kerala.nic.in

DISTRICT-WISE IMPORTANT TELEPHONE NUMBERS

THIRUVANANTHAPURAM

DAHO	0471 2330736	DD (AH)	0471 2330736
TA	0471 2330736	Central Store	0471 2330736
DVC	0471 2302643	ADCP	0471 2301661
Jersey Farm, Vithura	0472 2786126	DLF, Kudappanakunnu	0471 2732962
JFEU Chettachal	0472 2185364	RPF, Kudappanakunnu	0471 2730804
GF, Parassala	0471 2202822	PBU, Parassala	0471 2201680

SLBP	0471 2326557	RAHC, Nedumangad	0472 2804790
RAhC, Attingal	0470 2626499	RAhC, Parassala	0471 2201686
RAhC, Aralumoodu	0471 2222064	RAhC, Trivandrum	0471 2321090
ICDP Office	0471 2321080	MSH, Trivandrum	0471 2733344

VETERINARY POLY CLINICS

VPC, Nedumangad	0472 2802200	VPC, Parassala	0471 2204822
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VETERINARY HOSPITALS

Attingal	0470 2628664	Chirayinkil	0470 2647650
Kanjiramkulam	0471 2264100	Kilimanoor	0470 2675965
Koithoorkonam	0471 2617693	Malayinkeezh	0471 2279650
Nalanchira	0471 2533650	Neyyattinkara	0471 2226409
Thakaraparamba	0470 2651074	Thiruvallam	0471 2382253
Uchakkada	0471 2267650	Vamanapuram	0472 2871688
Vattiyooravu	0471 2369131	Vellamkolly	0470 2679941
Vengode	0471 2709040		

VETERINARY DISPENSARIES

Alamukku (Poovachal)	0472 2896266	Amboori	0471 2246044
Arumanoor	0471 2210011	Aruvikkara	0472 2889000
Attinkuzhy	0471 2412531	Balamapuram	0471 2405099
Kadakampally	0471 2741340	Kadinamkulam	0471 2752756
Kalamachal	0472 2853111	Kallikadu	0471 2271132
Kalloor	0471 2429040	Kamukinkode	0471 2222106
Karakulam	0471 2370010	Karumkulam	0471 2211311
Keezhattingal	0470 2688257	Kulathoor	0471 2218515
Kunnathukal	0471 2250211	Kuttichal	0472 2853837
kuttiyani	0472 2585700	Malayadi	0472 2892182
Maranalloor	0471 2297470	Mudakkal	0470 2631088
Murukumpuzha	0471 2425155	Navayikulam	0470 2692227
Ottasekharamangalam	0471 2257879	Palode	0472 2840810
Peringamala	0472 2843060	Perunkadavila	0471 2278142
Pulimath	0470 2672142	Pulimoodu	04702652993
Pullampara	0472 2828118	Sarkara	0470 2642977
Thrikannapuram	0471 2351448	Uzhamalakkal	0472 2898077
Vakkom	0470 2142194	Varkala	0470 2608111
Velavoor (Manickal)	0472 2583304	Vellanadu	0472 2882020
Venkulam	0470 2661011	Vettor	0470 2609099
Vilappil	0471 2270172	Vilvoorkal	0471 2281988
Vithura	0472 2859500	RP Checkpost, Parassala	0471 2204222

KOLLAM

DAHO, Kollam	0474-2793464	DVC Kollam	0474-2795076
Kollam	0474-2795076	ICDP Office Kottarakkara	0474-2454123
LMTK Kottiyam	0474-2537300	Mobile Veterinary Office Kollam	
RAIC Sasthamcottah (1)	0476-2837150	RAIC Sasthamcottah (2)	0476-2837149
RAIC Kottarakkara (1)	0474-2459611	RAIC Kottarakkara (2)	0474-2459610
RAIC Kottiyam	0474-2535345	RAIC Pathanapuram	0475-2353405
RPF Kollam (1)	0474-2799222	RPF Kollam (2)	0474-2799221
RP Vigilance Unit, Punalur	NIL	VD Kuzhimathicadu	0474-2026928
VD East Kallada	0476-2084665	VD Kummil	0474-2447114
VD Maruthamonpally	0474-2049853	VD Nilamel	0474-2434699
VD Prayar South	0476-2899557	VD Roadvila	0474-2467939
VD Sankarapuram	0474-2439400	VD, Adichanalloor	NIL

VD, Ezhukone	0474-2065830	VD, Kannanalloor	0474-2501140
VD, Kottamkara	0474-2707797	VD, Kulasekharapuram	0476-2625069
VD, Munroe Island	0474-2543414	VD, Nallila	0474-2566111
VD, Panyam	NIL	VD, Pattazhi	0475-2399641
VD, Poruvazhy	0476-2821618	VD, Punukkannoor	0474-2520562
VD, Puthenkulam	0474-2512720	VD, Sooranadu South	0476-2854400
VD, Thenmala	0475-2336319	VD, Ummannoor	0474-2071510
VD, Venchempu	0475-2252732	VD, Yeroor	0475-2278718
VD,Chengamanadu	0474-2696065	VD,Inchakkadu	0474-2045523
VD,Mynagappally	0476-2846121	VD,Pavithreswaram	0474-2621175
VD,Sasthamcottah	0476-2837050	VH Anchal	0475-2270160
VH Ayoor	0475-2294646	VH Pathanapuram	0475-2035600
VH, Chathannur	0474-2596979	VH, Chavara	0476-2681001
VH, Chemmakkad	NIL	VH, Cheruvakkal	0474-2670780
VH, Kadakkal		VH, Sakthikulangara	0474-2772289
VPC, Paravur	0474-2518080	VPC,Arinallor	0476-2874293
ADCP Kollam		BBF Kuriottumala	0475-2227485
Block Office,Ithikkra	NIL	CFSS,Chavara	0476-2684805
CFSS, Kottiyam	NIL	CFSS Kollam	
CFSS Kottarakkara	NIL	CFSS Sasthamcotta	NIL
CFSS,Kadakkal	NIL	Clinical Lab Kollam	
VD West Kallada	0476-2587866	VD Alappadu	0476-2827300
VD Aryancavu	0475-2344002	VD Chadayamangalam	0474-2477410
VD Chirakkara	NIL	VD Chithara	NIL
VD Eravipuram	0474-2764577	VD Kannettiil	0476-2062800
VD Karavoor	0475-2385151	VD Mangad	0474-2713347
VD Panavely	0474-2047239	VD Vayakkal	0474-2472710
VD Veliyam	0474-2465599	VD, Kaduvathodu	0475-2397570
VD, Kanjavely	0474-2706961	VD, Kulakkada	0474-2167725
VD, Mayyanadu	NIL	VD, Mulavana	0474-2520700
VD, Nedumpana	0474-2561115	VD, Panmana	0476-2670356
VD, Parakkadavu	0476-2834313	VD, Randalummoodu	0475-2328707
VD, Thekkumbhagom	0476-2883979	VD,Neendakara	0476-2081799
VD,Perayam	0474-2523495	VH Channapettah	
VH Kottiyam	NIL	VH Kulathupuzha	0475-2317062
VH Kunnicode,		VH Manappally	0476-2865378
VH, Anchalummoodu	0474-2550699	VH, Kalluvathukkal	0474-2577643
VH, Kottarakkara	0474-2450892	VH, Kundara	0474-2546820
VH, Kunnathoor	0476-2857977	VH, Punthalathazham	0474-2719867
VH, Thevalappuram	0474-2067838	VH,Oachira	0476-2697310
VPC Karunagappally (1)	0476-2660713	VPC Karunagappally (2)	0476-2660712
VPC, Punalur	0475-2221555		

PATHANAMTHITTA

DAHO	04682322762	ADDL Thiruvalla	04692700413
Duck Training intimate & hatchery	9188522711	Duck Training institute & hatchery	
Duck Farm Niranam	04692711898	ADCP	04682270206
DVC	04682270908	RAIC Pathanamthitta	04682325693
ICDP Pathanamthitta	04682220418	RAIC Mallappally	04692683123
VPC Adoor	04734223445	RAIC Ranni	04735224550
VPC Thiruvalla	04692607354	VH Kozhencherry	04682261448
VPC Ranni	04735221358	VH Mallappally	04692680315
VH Ayroor	04735230470	VH Malayalappuzha	04682303206
VH Kalanjoor	04734273046	VH Pandalam	04734256405
VH Kodumon	04734280190	VH Pulikkeezhu	04692717812

VD Anickad	04692686459	VH Pullad	04692662380
VD Chathanthara	04735263300	VH Pallickal	04734289666
VD Chenneerkkara	04682257849	VD Kuttoor	04692615853
VD Chethomkara	04735223323	VD Kaviyur	04692618361
VD Elanthur	04682263462	VD Mannarakulanji	04682303179
VD Erathu	04734223439	VD Nedumpram	04692642651
VD Ezhamkulam	04734243600	VD Naranganam	04734261442
VD Elamannoor	04734247826	VD Othara	04692657966
VD Kaipattur	04682351340	VD Peringara	04692737363
VD Kallooppara	04692678728	VD Pramadam	04682336995
VD Kidangannur	04682260252	VD Puramattom	04692651809
VD Kottanadu	04692775857	VD Ranni Angadi	04735201983
VD Kottangal	04692799601	VD Ranni Perinadu	04735242011
VD Kulanada	04734261149	VD Thattayil	04734223527
VD Kuriannur	04692672857	VD Thelliyur	04692655759
VD Vayala	04734244900	VD Thumpamon	04734209858

KOTTAYAM

DAHO	04812563726	ADCP	04812309770
DVC	04812564623	RAHC Vaikkom	04829231267
MVH	04812568768	LMTC Thalayolaparambu	04829234323
RPF Manarkadu	04812373710	VD Memmury	04829245090
RAHC Kanjirappally	04828202545	VD Mulakulam	04829253113
VD Anicad	04812551289	VD Mundakayam	04828274518
VD Arpookkara	04812591842	VD Nattakam	04812432705
VD Athirampuzha	04812594388	VD Neendoor	04812711477
VD Ayarkunnam	04812546123	VD Paika	04822226633
VD Chengalam South	04812526110	VD Paippad	04812445669
VD Chennai	04822279016	VD Panachikadu	04812331810
VD Kadanad	04822248013	VD Parathanam	04828287014
VD Kallara	04829268872	VD Parathodu	04828270110
VD Kanam	04812455300	VD Pothempuzha	04828246240
VD Kooraly	04828265675	VD Puthuvely	04822245833
VD Kooropada	04812701965	VD T V Puram	04829211852
VD Kozhuvanal	04822268081	VD Teekoy	04822280849
VD Kumarakom	04812526114	VD Thalanadu	04822280848
VD Kumaranalloor	04812310156	VD Thekkethukavala	04828228060
VD Kurichi	04812433980	VD Thidanadu	04822272068
VD Kurichithanam	04822250638	VD Thodanal	04822268350
VD Madappally	04812475632	VD Thottapally	04812703040
VD Marangoly	04829264315	VD Thrikodithanam	04812445648
VD Mattakara	04812546505	VD Thuruthy	04812321006
VD Meenadam	04812556889	VD Ullanad	04822248023
VD Melampara	04822237851	VD Uzhavoor	04822243528
VD Melukavu	04822220608	VD Vayala	04822229392
VD Valavoor	04822259009	VD Velloor	04829225856
VD Vechoor	04812277538		
VD Vijayapuram	04812577177		

ALAPPUZHA

DAHO	04772252431	04772252431	dahoalp@kerala.nic.in
CFSP Alappuzha	04772246834	ADCP	04772252636
CFSP Haripad	04792442949	DVC	04772252635
CFSP Mavelikara	04792302262	Hatchery Chengannur	04792452277

MBVH Alappuzha	04772252635	RAIC Cherthala	04782817801
RAIC Mavelikkara	04792302262	VD Ala	04792367253
VD Kavalam		VD Anaprambal	04772122828
VD Kodamthuruth	04782561802	VD Arattupuzha	04792488900
VD Kuthiyathode	04782561803	VD Aroor	04782872052
VD Mararikulam South	04772249125	VD Aryad	04772125952
VD Muttar	04772122556	VD Ambalappuzha North	04772280544
VD Arthumkal	04782573070	VD Kumarapuram	04792418065
VD Punnapra North	04772269567	VD Thiruvandavoor	04792427407
VD Thrikkunnappuzha	04792480688	VD Thuruthimel	04792362201
VD Vaduthala	04782873340	VD Ayaparambu	04792318480
VD Neelamperoor	04772174141	VD Budhanur	04792466388
VD Pallippad	04792487712	VD Chembumpuram	04772171298
VD Pandanad	04792466386	VD Chennithala	04793214657
VD Pathiyoor	04792437030	VD Cheppad	04792401300
VD Pattoor	04792374002	VD Cheriyanad	04792353122
VD Perumbalam		VD Cherthala	04782811188
VD Pulincunnu	04772702074	VD Chettikulangra	04792346232
VD Puliyoor	04792466387	VD Chingoli	04792487712
VD Purakkad	04772127100	VD Chunakkara	04792379440
VD Ramankary	04772703607	VD Devikulangara	04762697330
VD Thakazhi	04772275888	VD Edathua	04772210472
VD Thannermukkom	04782820070	VD Ezhupunna	04782187420
VD Thazhakkara	04792358472	VD Kadakkarpally	04782181889
VD Thuravoor	04782618262	VD Kainakary	04772171607
VD Vallikunnam	04792338644	VD Kandallor	04792431201
VD Vayalar	04782595125	VD Kanichukulangara	04782186276
VD Veeyapuram	04792318400	VD Karuvatta	04792491700
VD Venmony	04772270495	VH Thycattusery	04782532326
VH Mulakkuzha	04792468998	VH Ambalappuzha South	04772270495
VH Muthukulam	04792474225	VH Kalavoor	04772290098
VH Nooranad	04792389397	VH Karthikappally	04792487912
VH Otappunna	04782552597	VH Kattanam	04792331621
VH Panavally	04782522091	VH Kayippuram	04782863303
VH Pattanakad	04782595123	VH Kidangara	04772753733
VH Punnapra South	04772288458	VH Krishnapuram	04792437679
VH Thamarakkulam	04792372225	VH Mannar	04792313811
VH Vathikulam	04792327292	VH Kayipuram	04782863303
VPC Chengannur	04792450558	VPC Kayamkulam	04792442949
VPC Cherthala	04782816584	VPC Mankombu	04772615105
VPC Haripad	04792418100	VPC Mavelikkara	04792340325

IDUKKI

DAHO	04862222894	DVC Thodupuzha	04862221546
ADCP	04862223878	DPF Kolani	04862221138
VD Kunchithanny	04865266357	KLDB Mattupetty	04865242202
VD Marayoor	04865253086	KLDB Training Centre	04865242201
VD Puthuppariyam	04862210992	VD Rajakkad	04868241727
VD Kanjikuzhy	04862238036	VD Keezhanthoor	04865253684
VD Vellathooval	04864277061	VD Kodikulam	04862265205
VD Thopramkudy	04868265125	VD Vazhathoppe	04862236030
VD Erattayar	04868230444	VH Muttom	04862255120
VH Peerumedu	04869233790	VH Elappara	04869242202
VH Adimaly	04864224215	R.A.H.C Kattappana	04868 250820
R.A.H.C Thodupuzha	04862 221078		

ERNAKULAM

DAHO	0484 2360648	DVC	04842351264
MVH	0484 2351264		
State Laboratory for Livestock, Marine and Agri Products, Ernakulam	0484 2703710		
CSO, Aluva	0484 2624083	RPF, Koovappady	0484-2523559
RAHC ALUVA	0484 2621588	ADCP	0484-2367495
ICDP ALUVA	0484-2624441	LMTC ALUVA	0484 2631355
MFU, KURUPPUMPADY	0484-2541078	VPC Mattanchery	0484 2210855
VPC Mattanchery	0484 2210855	VPC, Mulanthuruthy	0484 2742234
VPC, Mulanthuruthy	0484 2742234	VPC, Muvattupuzha	
VPC, North Parur	0484 2441676	VPC, North Parur	0484 2441676
VH Chendamangalam	0484 2519792	VH Eloor	0484 2546410
VH Kalady	0484 2698082	VH Kizhakkambalam	0484 2680264
VH Kolenchery	0484 2764553	VH Koothattukulam	0485 2250362
VH Kothamangalam	0485 2826933	VH Kottappady	0485 2842195
VH Nedumbassery	0484 2477246	VH Perumbavoor	0484 2595846
VH Piravam	0485 2242743	VH Puthencruz	0484 2734196
VH Sreemoolangaram	0484-2601677	VH Valakam	0485 2208714
VH Valayanchirangara	0484 2655527		

VETERINARY DISPENSARIES

VD Arakuzha	0485 2850779	VD Arayankavu	0484 2746717
VD Avoly	0485 2850779	VD Chellanam	0484 2249045
VD Cheranelloor	0484 2431618	VD Cheruvattoor	0485 2549216
VD Choornikkara	0484 2628024	VD Edakkattuvayal	0484 2738198
VD Edakkunnu	0484 2450701	VD Edavanakkad	0484 2507111
VD Elamkunnappuzha	0484 2499626	VD Ezhikkara	0484 2251087
VD Kodanad	0484 2642818	VD Kokkunnu	0484 2614020
VD Kombanad	0484 2847494	VD Kuttampuzha	0485 2588657
VD Kuzhupilly	0484 2507151	VD Malayattoor	0484 2468673
VD Manjappetty	0484 2524270	VD Marady	0485 2837651
VD Nayarambalam	0484 2276173	VD Nellad	0484 2767332
VD Njarakkal	0484 2499622	VD Odakkally	0484 2650368
VD Okkal	0484 2698105	VD Ooramana	0485 2870472
VD Paingotoor	0485 2563370	VD Panangad	0484 2701440
VD Pothanikad	0485 2564124	VD Thiruvankulam	0484 2786840
VD Thuravoor	0484 2617921	VD Thuruthy	0484 2643708
VD Trikkakara	0484 2427763	VD Varappetty	0485 2285147
VD Veliyathunad	0484 2672830	Vennikulam	0484 2273788

THRISSUR

DAHO, Ayyanthole	0487 2361216	S.L.B.P Office	2360225
I.C.D.P.Mala	04802892422	RAHC Chalakudy	04802709067
RAHC Cherpu	2340195	RAHC Kunnankulam	954885220070
RAHC Kodungallur	95480 2803440	DVC, Thiruvampady	2440232
CVS, VC, Olarikkara	2364166	RP Mobile Unit, Mathilakam	9447489126
ADCP, VC, Olarikkara.	2424223		
VPC Anthikad	0487 2635368	VPC Irinjalakuda	0480 2832729
VPC, Kodungallur	0480 2812430	VPC Kunnankulam	04885 210287
PBU Kunnankulam	04885 210287	VPC Wadakkanchery, Ottupara	04884 2203568
VH Aloor	0480 2731600	VH Chalakkudy	0480 2705547
VH Chelakkara	04884 250777	VH Kaipamangalam	2313726
VH Kumbidy	0480 2773289	VH Mannamangalam	2688739
VH Mathilakam	0480 2641576	VH Mundur	2211915

VH Ollur	2215044	VH Pananchery	2282289
VH Thiroor	2204282	VH Valappad	2400600
VH Vaniyampara	2687047	VH Vellangallur	0480 2863071
VH Vilvattom	0480 2374045		
VD Arimbur	2300095	VD Arthat	04885 228214
VD Ashtamichira	0480 2897856	VD Athirapally	0480 2769857
VD Avinissery	04872352074	VD Ayyanthole	0487 2369058
VD Chaipankuzhy	0480 2769027	VD Chirakkakode	2693559
VD Chowannur	0487 2380839	VD Desamangalam	04884 2806334
VD Edakulam	2206493	VD Edathiruthy	2391906
VD Engandiyur	04872292304	VD Eriyad	0480 2815599
VD Erumapetty	04885 269260	VD Guruvayur	2557868
VD Kadappuram	2252752	VD Karalam	0480 2887356
VD Karuvannur	0480 2889270	VD Kattakampal	2603904
VD Kattilappoovam	2693602	VD Kattur	2870920 .
VD Killannur	2205493	VD Kottanellur	0480 2735666
VD Kuttur	2361070	VD Machad	0480 2878578
VD Mambra	0480 2736585	VD Mayannur	285606
VD Melur	0480 2737571	VD Moorkkanikkara	04802754545
VD Mullassery	2643004	VD Mullurkkara	04884 271468
VD Mundathicode	04885 247077	VD Narayanamangalam	0480 2844683
VD Padiyur	0480 2842330	VD Pampady	04884 283787
VD Pariyaram	0480 2748200	VD Pavaratty	2251253
VD Kottappady	2389070	VD Poomala	95487 2202213
VD Poopathy	0480 2893539	VD Pudukkad	04802790957
VD Punnayurkulam	0487233657	VD Sreenarayanapuram	0480 2810631
VD Thaikad	04872334345	VD Thalikulam-	0487 2551028,
VD Thanikudam	0487 2695144	VD Thanniam	2275317
VD Vallachira	0480 2875207	VD Valoor	0480 2732926
VD Vatanapilly	2600633	VD Vellikulangara	0480 2741668,
VD Velur	954885 285950	VD Venkitangu	2265020
VD Vynthala	0480 2773262		

PALAKKAD

DAHO	4912520297	Dvc-palakkad	4912534220
JD RE	4912520626	Rpf malampuzha	4912815206
CFSP palakkad	4912500291	Rahc palakkad	4912527358
RAHC shornur	4662224670	Adcp palakkad	4912529155
CP chemmanampathy	4923277377		
CP meenakshipuram	4923232175	CP gopalapuram	4923273102
CP kozhippara	4923235310	CP walayar	4912803450
Ggf attappady	4924209956	VPC-Alathur	4922225655
VH-Kannambra	4922266066	VH-vadakkencheri	4922257910
VD-kottayi	4922285244	VD-kuthannur	4922287979
VH-kuzhalmannam	4922272929	VD-mathur	4922215334
VD-perungottukurissi	4922216136	VD-thenkurrissi	4922283040
VD-polpully	4923222260	VD-palappallam	4923222442
VD-meenakshipuram	4923234222	VD-peruvemba	4923254900
VD-vadavannur	4922215334	VD-elavanchery	4923266929
VH-nenmara	4923243604	VD-chittilanchery	4922244233
VPC-mannarkkad	4924224162	VD-kadampazhipuram	4662267899
VH-sreekrishnapuram	4662208710	VD-vellinezhy	4662285565
VD-kailiad	4662228008	VD-koppam	4662263931
VH-pattambi(ongallur)	4662201154	VH-kumaranallur	4662276526
VD-nagalassery	4662259200	VD- pattithara	4662273200
VD-walayar	4912862394	VD-malampuzha	4912816198

MALAPPURAM

DAHO	04832734917	ADCP	04833096701
District Clinical Laboratory	04832734815	MFAU Wandoor	04931247634
DPF Athavanad	04942615103	Check Post Vazhikadavu	04931274267
DVC	04832734815	RAIC Athavanad	04942615103
MFAU Kottakkal	04832102727	RAIC Nilambur	04931225247
VD Aliparambu	04933206874	VD Kalikavu	04931257065
VD Amarambalam	04931261980	VD Kallirattikkal	04832845863
VD Areacode	04832850863	VD Karuvarakundu	04931280606
VD Athavanad	04942615103	VD Kolathur	04933202388
VD Chaliyar	04931206768	VD Moothedam	04931274261
VD Cherakkaparambu	04933255120	VD Parambilpeedika	04942400190
VD Chokkad	04931215646	VD Pookulathur	04832821330
VD Edakkara	04931274470	VD Thenjipalam	04942406080
VD Edavanna	04832700292	VD Thuvur	04931284606
VD Elamkulam	04933208003	VD Uppada	04931241943
VD Irimbiliam	04942621318	VD Urungattiri	04832117155
VD Kadannamanna	04933220818	VD Vattamkulam	04942689902
VD Kalady	04942685275	VD Vazhayur	04832833684
VH Kavannur	04832862533	VD Vettathur	04933247200
VH Kondotty	04832104750	VH Perumbadappu	04942107477
VH Kottakkal	04832102727	VH Valanchery	04942638751
VH Melattur	04933277342	VH Vazhikadavu	04931274267
VH Nilambur	04931225247	VH Wandoor	04931247634
VPC Eswaramangalam	04942668321	VPC Perinthalmanna	04933225313
VPC Manjeri	04832100760	VPC Tirur	04942421725

KOZHIKODE

DAHO	04952768075	dahokzkd@kerala.nic.in	
ADCP	04952762050	dcoadcp04@gmail.com	
DVC	04952368349	cvokzkd@kerala.nic.in	
RPF Chathamangalam	04952287481	rpfnitc@gmail.com	
RAHC Kozhikode	04952768166	raicclt@gmail.com	
ICDP Kozhikode	04952762456	RCL	04952368349
CVS	04952723408	CFSS	04952768155
Rinderpest Vigilance Unit, Kozhikkode	04952721227	VH Beypore	04952416718
MVD	04952368349	VH Koduvally	04952448370
VPC Perambra	04962616401	VH Kunnamangalam	04952801209
VPC Vadakara	04962528552	VH Kunnummal	04962448370
VH Balussery	04962238636	VH Koyilandy	04962533545
VH Kavilumpara	04962565885	VH Meppayur	04952510090
VH Kodenchery	04952236699	VH Pudukkottai	04952510090
VD Anakkampoyil	04962276044	VH Tuneri	04962557555
VD Arikkulam	04962696790	VD Chakkittapara	04962663900
VD Changaroth	04962670009	VD Cheruvannur- Muyipoth	049627750660
VD Atholi	04962674974	VD Kuruvattoor	04962812699
VD Ayanchery	04962593628	VD Makkada	04952268380
VD Azhiyur	04962500976	VD Chekkadi	04962573580
VD Chorode	04962515059	VD Edachery	04962440046
VD Eramala		VD Kavilumpara	04962565885
VD Iyyamkode, Nadapuram	04962460323	VD Narippatta	04962447722
VD Onchiyam	04962502522	VD Purameri	04962553990
VD Kayakkodi	04962588450	VD Kuttiyadi	04962599933
VD Ayanikkad	04962606899	VD Maniyur	04962230270
VD Chathamangalam	04952287520	VD Mankavu	04952331131

VD Chelannur	04952261848	VD Cheruvannur- Nallalam	04952422700
VD Maruthomkara	04962667206	VD Elathur	04952461160
VD Feroke	04952483460	VD Kadalundy	04952483460
VD Mannur	0495243001	VD Makkada	04952268360
VD Chemanchery	04962688992	VD Mavoore	04952883975
VD Chengottukavu	04962620446	VD Meladi	04962606999
VD Kakkur	04952857070	VD Mundotukalangara	04952207599
VD Thekkumkudy	04952295950	VD Maikkavu (Koodathai)	04952248844
VD Kattipara	04952270822	VD Koduvally	04952213009
VD Olavanna	04952431770	VD Koompara	04952277707
VD Mukkom	04952296260	VD Thottumukkom	04832758025
VD Nanminda	04952456000	VD Narikkuni	04952247477
VD Omassery	04952283747	VD Perumanna	04952432020
VD Peruvayal	04952490124	VD Puthuppadi	04952234811
VD Peumanna	04952432020	VD Perivayal	04952490124
VD Puthuppadi	04952234811	VD Thalakulathur	04952853222
VD Kayanna	0496265910	VD Ramanattukara	04952441100
VD Kizhakothe	04952202233	VD Thamarassery	04952225993
VD Keezhariyoor		VD Palachottil	
VD Kizhakkann Perambra		VD Ulliyeri	04962209144
VD Kootoor	04962658099	VD Meppayur	04962679360
VD Moodadi	04962693194	VD Naduvannur	04962652170
VD Nochad		VH Panangad	04962640302
VD Koorachundu	04962661874	VD Thiruvambady	04952255585
VD Kunnakody	04962706785	VD Thodannur	04962241090
VD Thuneri	04962557555	VD Vadakara	04962528552
VD Valayam	04962460323		
VD Villiapally	04962533545	VD Unnikulam	04962645170

WAYANAD

DAHO	04936 202292	DVC	04936 202729
VPC Sulthan Bathery	NIL	VPC Mananthavady.	04935 245910
VH Kenichira	NIL	VH Meppady	04936 281320
VH Meenangady	04936 246335	VH Pallikkunnu	04936 284309
VH Pulpally	04936 240080	VH Vythiri	04936 255574
VD Ambalavayal	NIL	VD Edavana	NIL
VD Irulam	NIL	VD Kattimoola	04935 266908
VD Kottathara	04936 285800	VD Kattikkulam	NIL
VD Makkiyad	04935 236499	VD Mooppenad	04936 280180
VD Muttil	NIL	VD Nenmeni	04936 262977
VD Noolpuzha	04936 270545	VD Padichira	04936 234003
VD Padinjarathara, Wayanad	04936 274100	VD Panamaram	04935 221001
VD Pozhuthana	NIL	VD Thariyode	04936 251594
VD Vengappally	04936 216260	VD Nadavayal	NIL
MFAU Kalpetta	NIL	ADCP Wayanad	04936 206845
VD Vellamu	04935 231987	LMTC Bathery	NIL

KANNUR

DAHO	04972700267	ADCP	04972702952
DVC	04972700184	RAIC Iritty	04902491145
Goat Farm Kommeri	04902302307	RSB Kannur	04972780144
LMTC Mundayad	04972763473	SLBP Kannur	04972711588
RPF Mundayad	04972721168	VH Alakode	04602256222
RAHC Kannur	04972700266	VH Azhikode	04972775180
VPC Chempantthotti	04602267616	VH Cheruvanchery	04902304388

VPC Chungakunnu	04902412320	VH Kuthuparamba	04902366615
VPC Iritty	04902493280	VH Mattanur	04902473970
VPC Payyannur	04985206310	VH Mavilayi	04972828092
VPC Thalassery	04902341060	VH Pappinissery	04972786140
VPC Thalipparamba	04602208655	VH Pazhayangadi	04972876122
VD Arayalinkeezhil	04902400148	VD Kuttiyeri	04602201706
VD Ayyappanthode	04902309184	VD Malappattam	04602235700
VD Blathur	04602279900	VD Mattool	04972841160
VD Chembilode	04972851145	VD Mokeri	04902315899
VD Chengalai	04602231091	VD Muriyathode	04602220688
VD Chittariparamba	04902301706	VD Muzhappala	04972851562
VD Cherupuzha	04985242910	VD Muzhappilangad	04972833701
VD Eranholi	04902353824	VD Padiyoor	04602279900
VD Irikkur	04602297450	VD Palayad	04902347166
VD Irinave	04972866170	VD Panniyannur	04902311488
VD Kadambur	04972820262	VD Parassinikadavu	049727B4487
VD Kandakkai	04602277500	VD Perumpadavu	04602280280
VD Kandonthar	04985279291	VD Pinarayi	04602383252
VD Kolacherimukku	04602244010	VD Pullooppi	04972797309
VD Kolakkad	04902444421	VD Puzhathi	04972748656
VD Kommeri	04902515153	VD Valapattanam	04972775587
VD Kudiyannamala	04602809180	VD Vengara	04972871190

KASARGOD

DAHO Kasaragod	04994 255483	RAHC Kasaragod	04994 222529
RAHC Kanhangad	04672 202325	ADCP Kasaragod	04994 226450
DVC Kasaragod	04994 224624	VH Kanhangad	0467-2200335
VH Konnakkad	0467-2223153	VH Manjeshwaram	04998-274985
VH Trikaripur	0467 2284846	VH Nileshwaram	0467-2214229
VH Uduma	0467-2265322	VD Ravaneeshwaram	0467-2419705
VD Badiadka	04998284959	VD Bedadka	04994-212299
VD Bellur	04998 266828	VD Balanthode	0467-2224999
VD Chittarikkal	0467-2223153	VD Cheemeni	04672251707
VD Delampady	04994 270081	VD Dharmanagar	04998202220
VD Kallar	0467-2224999	VD Kodakkad	04985-263769
VD Kalichanadukkam	0467-2256778	VD Kayyur	0467-2231609
VD Karinthalam	0467-2259128	VD Kumbala	04998217291
VD Kuttikole	04994206686	VD Madhur	04994 230977
VD Madikai	0467-2283349	VD Mangalpady	04998240566
VD Meenja	04998 252611	VD Mogralputhur	04994 232200
VD Muliya	0467-251080	VD Mulleria	04994262417
VD Mugu	04998-247508	VD Madakkara	0467-263743
VD Naimarmoola	04994-251080	VD Paravanadukkam	04994 239940
VD Periy	0467 2323338	VD Perla	04998 226822
VD Padne	04672 278169	VD Paivalike	04998207382
VD Plachikkara	0468-2245964	VD Thachangad	04672274030
VD Valiyaparamba	0467-2300015		

MAJOR DIAGNOSTIC LABORATORIES

1. State Institute of Animal Disease (Former CDIO), Palode, Thiruvananthapuram. 0472-2840252
2. Avian Disease Diagnostic Laboratory, Thiruvalla. 0469- 2700413
3. State Laboratory for Livestock, Marine and Agriculture Products (SLMAP) Maradu, Ekm 0484-2703710
4. Rabies & Leptospirosis Diagnostic Laboratory, Dist. Vetry. Centre, Kollam 0474-2795076

LIVESTOCK FARMS

1. District Livestock Farm, Kudappanakunnu, Thiruvananthapuram	0471-2732962
2. Jersey Farm, Vithura, Thiruvananthapuram	0472-2786126
3. Jersey Farm Extension Unit, Chettachal, Thiruvananthapuram	0472-2185364
4. Regional Poultry Farm, Kudappanakunnu, Thiruvananthapuram	0471-2730804
5. Pig Breeding Unit, Parassala, Thiruvananthapuram.	0471-2201680
6. Goat Farm, Parassala, Thiruvananthapuram	0471-2202822
7. Goat Breeding Unit, Kudappanakunnu, Thiruvananthapuram	
8. Hightech Dairy Farm, Kuriottumala, Kollam	0475-2227485
9. Regional Poultry Farm, Kollam (Turkey Farm)	
10. Goat Breeding Unit, Kuriottumala, Kollam	
11. Duck Farm, Niranam, Pathanamthitta	0469-2711898
12. Central Hatchery, Chengannur, Alappuzha	0479-2452277
13. Pig Farm, Kappad, Kottayam	
14. Regional Poultry Farm, Mannarcaud, Kottayam	
15. District Poultry Farm, Kolani, Idukki	04862-221138
16. Regional Poultry Farm, Koovappady, Ernakulam	0484-2523559
17. Pig Breeding Unit, Kunnamkulam, Thrissur	04885 210287
18. Goat Farm, Attapadi, Palakkad District.	9446149910
19. Regional Poultry Farm, Malampuzha, Palakkad	0491-2815206
20. District Poultry Farm, Athavanadu, Malappuram	0494-2615103
21. Regional Poultry Farm, Chathamangalam, Kozhikode	0495-2287481
22. Goat Farm, Komeri, Kannur	0490-2302307
23. Regional Poultry Farm, Mundayad, Kannur	0497-2721168

LIVESTOCK MANAGEMENT TRAINING CENTRES (LMTC)

SI

No	Name	Officer Name	Number	Email id
1	LMTC, Kudappanakunnu	Dr. Terrence B Remady	0471- 2732918	ptotvm.ahd@kerala.gov.in
2	LMTC, Kottiyam	Dr. D.Shine Kumar	0474 2537300	adlmtckottiyam.ahd@kerala.gov.in
3	LMTC, Chengannur	Dr. K. Ajilast	0479-2452277	centralhatchery1961@gmail.com
4	LMTC, Thalayolaparambu	Dr. R.Mini	0482-9234323	lmtc_tmp.ahd@kerala.gov.in
5	LMTC, Aluva	Dr. Shaju.C.K	0484-2631355	alualmtc.ahd@kerala.gov.in
6	LMTC, Malampuzha	Dr.Velayudha Kumar.R	0491-2815454	malampuzhalmtc@gmail.com
7	LMTC, Mundayad	Dr. P. Mahmood (i/c)	0497-2763473	jointdirectormundayad@gmail.com
8	LMTC Wagamon	Dr. Biju Chemparathy	9447979697	lmtcvagamon@gmail.com
9	LMTC, Sulthan Bathery	Dr. Prakash	7025856542	lmtcsby.ahd@kerala.gov.in
10	Duck Training institute & hatchery, Manjadi	Dr. Arun Prasad P. (i/c)	9188522711	lmtcsby.ahd@kerala.gov.in

AVAILABILITY OF POULTRY LAYERS, BROILERS, HATCHING EGGS

Thiruvananthapuram - RPF Kudappanakunnu, KSPDC Kudappanakunnu, Pettah	04712730804
Kollam - Turkey Farm - Kollam, KSPDC Kottiyam	
Alappuzha - Central Hatchery, Chengannur	0479 2452277
Pathanamthitta - Duck Farm, Niranam	0469 2711898
Kottayam - Regional Poultry Farm, Manarcaud	
Idukki - District Poultry Farm, Kolani, Thodupuzha	
Ernakulam - District Poultry Farm, Koovapady	0484 -2523559
Palakkad - Regional Poultry farm, Malampuzha	0491 2815206
Malappuram - District Poultry Farm, Athavanad	0494 2615103
Kozhikode - Regional Poultry Farm, Chathamangalam	
Kannur - Regional Poultry Farm, Mundayad	0497 2721169

Rabbits

Thiruvananthapuram - District Livestock Farm, Kudappandakunnu	0471 2732962
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DAIRY DEVELOPMENT DEPARTMENT

DIRECTORATE OF DAIRY DEVELOPMENT DEPARTMENT, PATTOM, THIRUVANANTHAPURAM

Fax - 0471 -2444987, e-mail – dir.dairy@kerala.gov.in, dddtvm@gmail.com

Designation	Name of Officer	Office Phone No.	Mobile No.
Director	Mini Ravindradas	0471 - 2445799 0471 - 2445749	9447477799
Joint Director (General)	Suresh Kumar V.P	0471 - 2445799	9447867975
Joint Director (Planning)	Mini Ravindradas	0471 - 2445799	9495884529
Joint Director (State Dairy Lab)	Prakash M.	0471 - 2440074	9447887332
Administrative Officer	Rajesh M.	0471 - 2445799	9895023918
Finance Officer	Krishna Kumar B	0471 - 2440853	9447340687
Deputy Director (Planning)	Sasi Kumar K.	0471 - 2445799	9446376988
Deputy Director (Extension)		0471 - 2445799	
Deputy Director (General)	Salini Gopinath	0471 - 2445799	9400032197
Deputy Director (egov.&IT)	Rajeetha R.	0471 - 2445799	9446300767
Assistant Director (IT Cell)	Koshy K. Alex	0471 - 2445799	9447266155
Assistant Director/Subject Matter Specialist (Dairy)	Sreekumar B	0471 - 2445799	9446150784
Assistant Director – SDL	Sindhu R.	0471 -2440074	9447439670
Assistant Director	Sreekantan	0471 - 2445799	9447157425
Dairy Extension Officer – Tech. Cell	Fahad M	0471 - 2445799	9847541453
Dairy Extension Officer – Tech. Cell	Sreejith	0471 - 2445799	9497280970
Dairy Extension officer – SDL	Raji Rajan	0471 -2440074	9746185197
Dairy Extension officer – SDL	Nimi Ameer	0471 -2440074	9495592514
Dairy Extension officer – SDL	Indu S	0471 -2440074	8289820995
Dairy Extension Officer – Project Cell	Vidhubala S	0471 - 2445799	9496200776
Administrative Assistant	K.V. Kunjappu	0471 - 2445799	9447439251

STATE LEVEL OFFICES

THE STATE DAIRY LABORATORY, THIRUVANANTHAPURAM

Prakash M. (Joint Director) 0471-2440074 9447887332
The State Dairy Laboratory, Pattom, Thiruvananthapuram – 695004 statedairylaboratory@gmail.com

STATE FODDER FARM

A.K. Bindu (Assistant Director) 0471 - 2501706 9447840158
State Fodder Farm, Valiyathura, Thiruvananthapuram -8 statefodderfarm.tv@gmail.com

REGIONAL AND DISTRICT LEVEL OFFICES

REGIONAL DAIRY LABORATORY

Shanty Abraham (Deputy Director) 9446427010 regionaldairylabksd@gmail.com
The Regional Dairy Laboratory, Naikappu, Kumbla PO, Kasargode – 671321

Susmitha S (Assistant Director) 9446589413 dairyadrktm@gmail.com
The Regional Dairy Laboratory, Building Number XIII / 1060 ,
Erarayil kadavu, Kottayam – 686001

Beena (Deputy Director) 0492-2226040
The Regional Dairy Laboratory, Building No.1/1, Alathur, Palakkad 9947773914

DISTRICT OFFICERS OF DAIRY DEVELOPMENT DEPARTMENT

District	Name of Officer	Office Phone No.	Mobile No.	E-mail
The Deputy Director, Dairy Development Department, Pattom, Thiruvananthapuram - 695004	Sujai Kumar S.	0471 - 2554986	9497453867	dddairytrm@gmail.com
The Deputy Director, Dairy Development Department, St. Mary's Building, Mundakkal West, Kollam – 691 001	Anitha K.	0474 - 2748098	9447259719	dairydeptkollam@bsnl.in
The Deputy Director, Dairy Development Department, Alappuzha, Building No.59/28, Near Kallupalam, Alappuzha -688 111	Anupama A.	0477 - 2252358	9447287477	dairyalpy@gmail.com
The Deputy Director, Dairy Development Department, Pathanamthitta, Civil Station Illrd Floor, Pathanamthitta	Silvy Mathew	0468 - 2223711	9446500490	dairy_pta@yahoo.com
The Deputy Director, Dairy Development Department, Kottayam, No.KMC-13/1060, Erayilkadavu, Kottayam – 686 001	Sreelatha	0481 - 2562768	9495352085	dairydd.ktm@gmail.com
The Deputy Director, Dairy Development Department, Idukki Building No.143/VI, Mini Civil Station, Thodupuzha, Idukki	Nisha	0486 - 2222099	9995240861	dairyddtdpa@yahoo.in
The Deputy Director, Dairy Development Department, Ernakulam, Civil Station, Kakkanad, Cochin, Ernakulam – 682 030	Bindumon	0484 - 2422310	9495737573	dddekmg@gmail.com
The Deputy Director, Dairy Development Department, Mini Civil Station, IInd Floor, Chempookavu, Thrissur -20	Rafi Paul	0487 - 2321660	9846647049	dairydept_tsr@bsnl.in
The Deputy Director, Dairy Development Department, Malappuram, Civil Station, Malappuram – 676 505	Sheeba Khammer	0483 - 2734944	9447620778	dddairympm@gmail.com
The Deputy Director, Dairy Development Department, Palakkad, Civil Station, Palakkad – 678 001	Jayasujeesh S	0491 - 2505137	9446467244	dydpalakkad@gmail.com
The Deputy Director, Dairy Development Department, Kozhikode, Civil Station, Vth floor, New Block, Kozhikode – 673 020	Sinila Unnikrishan	0495 - 2371254	9497800530	dddairykkd@gmail.com
The Deputy Director, Dairy Development Department, Kannur, Civil Station, F Block, Ground Floor, Kannur – 2	Rajasree Menon	0497 - 2707859	9446375055	dairyddkn@gmail.com
The Deputy Director, Dairy Development Department, Wayanad, Civil Station, Kalpetta North P.O., Wayanad – 673 122	Shaiji K M	04936 - 2202093	9446228368	dairywayanad@yahoo.co.in
The Deputy Director, Dairy Development Department, Kasargod, Civil Station, First floor, F Block, Vidyannagar P.O., Kasargod – 671 123	Gija C Krishnan	0499 - 4255475	9495818683	dddairyksd@gmail.com

DAIRY TRAINING CENTRES

Name of Dairy Training Centre	Name of Officer (Deputy Directors)	Office Phone No.	Mobile No.	E-mail
The Principal, Dairy Training Centre, Thiruvananthapuram, Pattom P.O, Thiruvananthapuram – 695 004	Mini T.S	0471 - 2440911	9446559818	principaldtctvm@gmail.com

The Principal, Dairy Training Centre, Oachira, Building No 10-171, North Oachira temple, East of Highway, Oachira P.O., Kollam-695026	Joseph Kurien	0476 - 2698550	9447415152	dtcoachira@gmail.com
The Principal, Dairy Training Centre, Building No.13/1060, Erayilkadavu, Kottayam	Mini Joseph	0481 - 2302223	9446201266	dtcktm@gmail.com
The Principal, Dairy Training Centre, Building No.1/1, Alathur, Palakkad	Beena	0492 - 2226040	9947773914	dtcalathur@gmail.com
The Principal, Dairy Training Centre, Beypore North P.O., Kozhikode - 695 015,	Ramgopal	0495 - 2414579	9446063379	dtcdairyclt@gmail.com

QUALITY CONTROL UNITS

1. The Quality Control Officer, Dairy Development, Pattom P.O., Thiruvananthapuram - 695 004,				qcotvm@gmail.com
2. The Quality Control Officer, Dairy Development Department, St. Mary's Building, Mundakkal West, Kollam				kollamqco@gmail.com
3. The Quality Control Officer, Dairy Development Department, Civil Station, Illrd Floor, Pathanamthitta				qcu_pta@yahoo.com
4. The Quality Control Officer, Dairy Development Department, Building No.59 / 28, Near Kallupalam, Alappuzha - 688 111				dairyqcoalpy@gmail.com
5. The Quality Control Officer, Dairy Development Department, No. KMC - 13/1060, Erayilkadavu, Kottayam - 686 001				dairyqcoktm@gmail.com
6. The Quality Control Officer, Dairy Development Department, Building No.143 / VI, Mini Civil Station, Thodupuzha, Idukki.				qcoidukki@gmail.com
7. The Quality Control Officer, Dairy Development Department, Civil Station, Kakkanad, Cochin, Ernakulam - 682 030				eklm.dnokdfwf@yahoo.in
8. The Quality Control Officer, Dairy Development Department, Municipal Jai Hind Market Building, 'C' Block, Hall No.6, Trichur 680 001				qcodairytsr@gmail.com
9. The Quality Control Officer, Dairy Development Department, Civil Station, Palakkad - 678 001				qcopalakkad@gmail.com, qco-pkd.dairy@kerala.gov.in
10. The Quality Control Officer, Dairy Development Department, Civil Station, Malappuram - 676 505				qcomlpm@gmail.com
11. The Quality Control Officer, Dairy Development Department, V th Floor, New Block, Kozhikode - 673 020				qcokkd@gmail.com
12. The Quality Control Officer, Dairy Development Department, Civil Station, Kalpetta North (P.O), Wayanad - 673 122				qcowayanad@gmail.com
13. The Quality Control Officer, Dairy Development Department, Civil Station, 'F' Block, Ground Floor, Kannur - 2				qcokannur@gmail.com
14. The Quality Control Officer, Dairy Development Department Civil Station, I floor, 'F' Block, Vidyanaagar P.O., Kasargod - 671 123				qcokasargod@gmail.com

CONTACT DETAILS OF DAIRY EXTENSION SERVICE UNITS

THIRUVANANTHAPURAM DISTRICT

Sl.No.	ADDRESS	PHONE	MAIL ID
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2	Dairy Extension Officer Dairy Extension Service Unit Varkala, Block Panchayath Office Cherunniyoor.P.O., Thiruvananthapuram- 695142	0470 2611888	desuvarkala@gmail.com
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5	Dairy Extension Officer Dairy Extension Service Unit, Perumkadavila Near Block Office Building Perumkadavila.P.O., Thiruvananthapuram- 695124	0471 2276160	email: deopkda@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit, Vellnad Mahilasamajam Building Near Block Office, Vellnad P.O., Thiruvananthapuram- 695543	0472 2883160	desuvellanad2017@gmail.com
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9	Dairy Extension Officer Dairy Extension Service Unit, Chirayinkil Kattukulam, Chirayinkil.P.O., Thiruvananthapuram-695 304.	9495583138	desuchkl@gmail.com
10	Dairy Extension Officer Dairy Extension Service Unit Block Panchayat Office, Nemom, Malayinkeezhu P.O., Thiruvananthapuram-695 571	0471 2282160	dairynemom@gmail.com
11	Dairy Extension Officer Dairy Extension Service Unit Nedumangad, Nedumangad Revenue Tower Nedumangad.P.O., Thiruvananthapuram-695541	9497639939	deo.ndd.tvn@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit Kazhakoottam, Pothencode Block Panchayath Office Compound Kazhakoottam.P.O., Thiruvananthapuram-695 582	0471 2413160	deokazhakuttam@gmail.com

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8	Dairy Extension Officer Dairy Extension Service Unit, Pathanapuram Block Panchayat Building, Pathanapuram KP Road, Pidavoor.P.O- 689695	0475 2350470	desuptpm@gmail.com
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12	Dairy Extension Officer Dairy Extension Service Unit, Kottarakkara E T C.P.O-691531	0474 2450249	desukottarakkara@gmail.com
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PATHANAMTHITTA DISTRICT

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2	Dairy Extension Officer Dairy Extension Service Unit, Kulanada Kulanada Block Panchayat Office Building Pathanamthitta - 689503	04734-260014	desukulanada@gmail.com

3	Dairy Extension Officer Dairy Extension Service Unit, Adoor Parakkodu Block Panchayat Office Building, Pathanamthitta-691554	04734- 216145	desuadoor@gmail.com
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5	Dairy Extension Officer Dairy Extension Service Unit, Mallappally Revenue Tower, Mallappally, Pathanamthitta-689585	0469-2682025	desumallappally@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit, Ranni Near Thottamonkavu Temple,Ranni, Pathanamthitta - 689672	04735-221185	dairyranney@gmail.com
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ALAPPUZHA DISTRICT

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5	Dairy Extension Officer Dairy Extension Service Unit Chengannur Block, 3rd Floor Mini Civil Station, Chengannur, Alappuzha- 869121	0479-2455160	desucgnr@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit, Cherthala Kanjikkuzhi Block, Mini Civil Station Cherthala.P.O., Alappuzha-688 524.	0478-2814400	desucherthala@gmail.com

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11	Dairy Extension Officer Dairy Extension Service Unit Champakkulam, Mamkombu Mini Civil Station, 3rd Floor, Alappuzha -688503	0477-2705971	desuchampakulam@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit, Pattanakkad Block Near Thuravoor Grama Panchayat Building Thuravoor South.P.O., Cherthala, Alappuzha-688532	0478-2569644	desuptnkd@gmail.com

KOTTAYAM DISTRICT

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- 10 Dairy Extension Officer desuettumanaoor@gmail.com
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- 11 Dairy Extension Officer desuuzhr@gmail.com
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- 12 Dairy Extension Officer faairyallom@gmail.com
Dairy Extension Service Unit, Pallom
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IDUKKI DISTRICT

- 1 Dairy Extension Officer 04862-229306 deothodupuzha-idk.dairy@kerala.gov.in
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- 2 Dairy Extension Officer 048682-235060 deoidukki-idk.dairy@kerala.gov.in
Dairy Extension Service Unit, Idukki
Block Office Building, Thadiyanpadu.P.O-685602
- 3 Dairy Extension Officer 04862-267110 deoelamdesam-idk.dairy@kerala.gov.in
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- 4 Dairy Extension Officer 04864-222262 deoadimali-idk.dairy@kerala.gov.in
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- 5 Dairy Extension Officer 04865-264045 deodevikulam-idk.dairy@kerala.gov.in
Dairy Extension Service Unit, Devikulam, Block Office Building
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- 6 Dairy Extension Officer 04868-233213 deonedumkandam-idk.dairy@kerala.gov.in
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- 7 Dairy Extension Officer 04868-278300 deokattappana-idk.dairy@kerala.gov.in
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- 8 Dairy Extension Officer 04869-232890 deopeerumedu-idk.dairy@kerala.gov.in
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Peermedu, Peermedu.P.O., Idukki- 685531
- 9 Dairy Extension Officer 04868-264230 deovathikkudi-idk.dairy@kerala.gov.in
Dairy Extension Service Unit
Vathikkudi, Thoprakudi.P.O., Idukki- 685509

ERNAKULAM DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit Vytila, Mini Civil Station Building, 1st Floor Thripunithura.P.O., Ernakulam-682301	0484-2775517	vyttiladeo@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit, North Paravoor Mini Civil Station Building, North Paravoor.PO Ernakulam-683 513.	0484-2443929	deonorthparur@gmail.com
3	Dairy Extension Officer Dairy Extension Service Unit Angamali, Block Panchayat Building Angamali.P.O., Ernakulam-683572	0484-2452262	desuangamaly@gmail.com
4	Dairy Extension Officer Dairy Extension Service Unit Aluva, Alangad Block Panchayat Building Alangad.P.O, Ernakulam-683 511.	0484-2670090	desualangad@gmail.com
5	Dairy Extension Officer Dairy Extension Service Unit Parakkadavu, Block Panchayat Office Building, Kurumassery.P.O, Ernakulam-683 579	0484-2980909	desuparakkadavu2013@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit Koovappady, Block Office Building Kuruppampady.P.O, Perumbavoor-683545	0484-2520030	desukoovappady@gmail.com
7	Dairy Extension Officer Dairy Extension Service Unit, Vazhakulam Block Panchayat Office Building Vazhakulam.P.O., Ernakulam-683105	0484-2679614	vazhakulamdeo@gmail.com
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9	Dairy Extension Officer Dairy Extension Service Unit Muvattupuzha, Mini Civil Station Mudavoor.P.O Ernakulam-686669	0485-2810073	deomoovattupuzha@gmail.com
10	Dairy Extension Officer Dairy Extension Service Unit, Kothamangalam Block Panchayat Office Building Kothamangalam.P.O, Ernakulam-686691	0485-2822089	desukothamangalamnew@gmail.com
11	Dairy Extension Officer Dairy Extension Service Unit Mulanthuruthy, Block Panchayat Office Building Perumpilly.P.O., Ernakulam-682314	0484-2741119	deomulanthuruthi@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit Vadavucode, Pattimattom.P.O., Ernakulam-683562	0484-2687933	pattimattomdesu@gmail.com

13	Dairy Extension Officer Dairy Extension Service Unit, Edappally 3rd Floor Civil Station, Kakkanad Ernakulam-682030	0484-2421170	desuedappally@gmail.com
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15	Dairy Extension Officer Dairy Extension Service Unit, Palluruthy Block Panchayat Building, Palluruthy Veli.P.O, Ernakulam-682 006.	0484-2230195	desupalluruthy@gmail.com

THRISSUR DISTRICT

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2	Dairy Extension Officer Dairy Extension Service Unit, Wadakkanchery, Block Panchayat Building, Kumaranellur.P.O, Thrissur-680590	0488-4234524	desuwry@gmail.com
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4	Dairy Extension Officer Dairy Extension Service Unit, Ollukkara Block Panchayat Building, Ollukkara.P.O., Thrissur - 680 655.	0487-2370007	desuollukkara@gmail.com
5	Dairy Extension Officer Dairy Extension Service Unit, Mullassery, Block Panchayat Building, Mullassery.P.O, Thrissur-680509	04872-262650	desumullassery@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit Thalikulam, Mini Civil Station Valappad.P.O,Thrissur-680567	0487-2399632	desuthalikulam@gmail.com
7	Dairy Extension Officer Dairy Extension Service Unit Mathilakam, Block Panchayat Building Mathilakom.P.O, Thrissur-680685	0480-2853100	desumathilakam@gmail.com
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13	Dairy Extension Officer Dairy Extension Service Unit, Chowannoor Block Panchayat Building, Kanippayoor.P.O., Thrissur - 680517	0488-5224353	desuchowannur@gmail.com
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15	Dairy Extension Officer Dairy Extension Service Unit, Chavakkad Mini Civil Station, Room No.38, 3rd Floor, Chavakkad, Thrissur- 680506	0487-2501145	desucvd2013@gmail.com
16	Dairy Extension Officer Dairy Extension Service Unit, Vellangalloor Vellangalloor Block Panchayat Compound Vellangalloor.P.O, Thrissur- 680 662	0480-2860232	desuvellangallur@gmail.com
17	Dairy Extension Officer Dairy Extension Service Unit, Puzhakkal Block Panchayat Compound Puranattukara.P.O, Muthuvara,Thrissur - 680511	0487-2306660	deopuzhakkal@gmail.com

PALAKKAD DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit Palakkad, Block Panchayat Building Kallekkad.P.O,Palakkad-678 001.	0491-2543460	palakkad.desu@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit, Chittoor, Mini Civil Station Chittoor.P.O, Palakkad - 678 101	04923-222920	desuchittur1@gmail.com
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5	Dairy Extension Officer Dairy Extension Service Unit Attappady, Agali.P.O., Palakkad-678581	04924-254670	attapady.desu@gmail.com

6	Dairy Extension Officer Dairy Extension Service Unit Kollengode, Block Panchayat Building Kollengode.P.O, Palakkad-678506	04923-264940	desukollengode@gmail.com
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8	Dairy Extension Officer Dairy Extension Service Unit Thrithala, Block Panchayat Building Koottanad.P.O, Palakkad - 679 533.	0466-2371220	desuttla@gmail.com
9	Dairy Extension Officer Dairy Extension Service Unit, Malampuzha Block Panchayat Building Marutharoad.P.O, Palakkad-678007	0491-2573120	malampuzha.desu@gmail.com
10	Dairy Extension Officer Dairy Extension Service Unit, Alathur Block Panchayat Building, Alathur. P.O, Palakkad- 678541	0492-2225920	alathurdesu@gmail.com
11	Dairy Extension Officer Dairy Extension Service Unit, Mannarkkad Mannarkkad College.P.O., Palakkad.	04924-230160	mannarkkad.desu@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit, Ottappalam Block Panchayat Building, Ottappalam.P.O., Palakkad.	0466-2244212	desuottapalam@gmail.com
13	Dairy Extension Officer Dairy Extension Service Unit, Sreekrishnapuram Block Panchayat Building Sreekrishnapuram.P.O Palakkad-679513		sreekrishnapuram.desu@gmail.com

MALAPPURAM DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit Malappuram, Block Office Building Kizhakkethala, Downhill.P.O, Malappuram- 676519	04832-731122	desumalappuram@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit, Perinthalmanna Mini Civil Station, Perinthalmanna.P.O. Malappuram- 679322	04933-220107	desuperinthalmanna@gmail.com
3	Dairy Extension Officer Dairy Extension Service Unit, Nilambur Near Milk Chilling Plant, Nilambur.P.O. Malappuram - 679 329.	04931-221050	dairynlbr@gmail.com
4	Dairy Extension Officer Dairy Extension Service Unit Kondotty, Mundappalam.P.O., Malappuram- 673638	04832-718111	desukdy@gmail.com
5	Dairy Extension Officer Dairy Extension Service Unit Wandoor, Blok Panchayat Building, Wandoor.P.O, Malappuram-679 328.	04832-718111	desuwandoor@gmail.com

6	Dairy Extension Officer Dairy Extension Service Unit Mankada, Block Panchayat Building Ramapuram.P.O, Malappuram 679 321.	04933-287650	desumankada@gmail.com
7	Dairy Extension Officer Dairy Extension Service Unit Ponnani, Block Panchayat Building, Edappal.P.O, Malappuram-679576	04942-683330	desuponnani@gmail.com
8	Dairy Extension Officer Dairy Extension Service Unit Parappanangadi,Thirurangadi Block Panchayat Building Chemmad.P.O, Malappuram-676306	04942-462211	deo.pgdi@gmail.com
9	Dairy Extension Officer Dairy Extension Service Unit, Thirur Block Panchayat Building, Thekkummuri.P.O. Tirur, Malappuram - 676 105.	04942-420201	dairytirur@gmail.com
10	Dairy Extension Officer Dairy Extension Service Unit, Thanoor Block Panchayat Building Thanoor.P.O., Malappuram- 676302	04942-440244	desutanur@gmail.com
11	Dairy Extension Officer Dairy Extension Service Unit Perumpadappu, Block Panchayat Building Perumpadappu.P.O., Malappuram - 679 580	04942-676050	desuperumpadappu@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit Kuttiipuram, Block Panchayat Building Thozhuvanur.P.O., Malappuram-676552	04942-640370	dairykuttiipuram@gmail.com
13	Dairy Extension Officer Dairy Extension Service Unit Vengara, Block Panchayat Building Vengara.P.O, Malappuram-676304	04942-450979	dairyvengara@gmail.com
14	Dairy Extension Officer Dairy Extension Service Unit Kalikavu, Block Panchayat Building Kalikavu.P.O, Malappuram-676525	04931-259111	desukalikav@gmail.com
15	Dairy Extension Officer Dairy Extension Service Unit, Areekkod, Block Panchayat Building, Areekkod.P.O, Malappuram-673639		desumanjeri@gmail.com

KOZHIKODE DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit, Kozhikode Vth Floor 'C' Block, Civil Station, Kozhikode-673 020.	0495-2375254	deokozhikode20@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit Panthalayani, Ist Floor, Woman Industrial Commercial Centre, Near Municipal Market, Quilandy.P.O., Kozhikode- 673305	0496-2624500	deopanthalayani@gmail.com

3	Dairy Extension Officer Dairy Extension Service Unit, Koduvally Mini Civil Station, Thamarasserri.P.O. Kozhikode-673 573.	0495-2220041	desu.koduvally@gmail.com
4	Dairy Extension Officer Dairy Extension Service Unit Vadakara, Mini Civil New Block Vadakara.P.O, Kozhikode- 673 101	0496-2522521	desuvatakara@gmail.com
5	Dairy Extension Officer Dairy Extension Service Unit, Balussery Balussery Block Panchayat Office, Balussery.P.O, Kozhikode-673 612.	0496-2640258	desubalussery@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit Payyoli, Melady Block Panchayat, Payyoli.P.O. Kozhikode-673522	0496-2600417	desupayyoli@gmail.com
7	Dairy Extension Officer Dairy Extension Service Unit, Tuneri Thuneri Block Panchayat, Thuneri.P.O. Kozhikode- 673505	0496-2554410	deotuneri@gmail.com
8	Dairy Extension Officer Dairy Extension Service Unit Perambra, Perambra Block Panchayat, Kallode Perambra.P.O, Kozhikode- 673525	0496-2310775	desuperambra@gmail.com
9	Dairy Extension Officer Dairy Extension Service Unit, Thodannur Thodannur Block Panchayat, Thodannur.P.O Kozhikode-673108	0496-2592520	desuthodannur@gmail.com
10	Dairy Extension Officer Dairy Extension Service Unit, Kunnamangalam, Mampetta, Mukkam.P.O. Kozhikode-673 602.	0495-2294091	desukunnamangalam@gmail.com
11	Dairy Extension Officer Dairy Extension Service Unit, Kunnummel Kunnummel Block Panchayat Vattoli.P.O., Kozhikode-673507	0496-2446050	desukunnummel@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit, Chelannur Chelannur Block Panchayat, Chelannur.P.O Kozhikode-673 616	0495-2264272	desuchelannur@gmail.com

WAYANAD DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit Kalpetta, Kalpetta Block Panchayat Building Kalpetta.P.O., Wayanad-673 121.	0493-6206770	dairykalpetta@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit Mananthavady, Arattuthara P.O.	0493-5244093	desumananthavady@gmail.com

Wayanad-670645

- | | | | |
|---|--|--------------|-------------------------|
| 3 | Dairy Extension Officer
Dairy Extension Service Unit
Sulthan Bathery, Sulthan Bathery.P.O.
Wayanad-673592 | 0493-6222905 | desubathery@gmail.com |
| 4 | Dairy Extension Officer
Dairy Extension Service Unit
Panamaram.P.O, Karimbummal, Wayanad-670721 | 0493-5220002 | desupanamaram@gmail.com |

KANNUR DISTRICT

- | | | | |
|----|---|--------------|----------------------------|
| 1 | Dairy Extension Officer
Dairy Extension Service Unit
Kannur, Block Panchayat Office
Pallikkunnu, Kannur | 0497-2713859 | desukannur@gmail.com |
| 2 | Dairy Extension Officer
Dairy Extension Service Unit
Payyannur, Block Panchayat Building
Keloth, Payyannur- 670307 | 0498-5207259 | desupayyanur@gmail.com |
| 3 | Dairy Extension Officer
Dairy Extension Service Unit
Thalassery, Mini Civil Station
Thalassery, Kannur- 670101 | 0490-2342859 | desuthalassery@gmail.com |
| 4 | Dairy Extension Officer
Dairy Extension Service Unit
Irikkur, Block Panchayat Office, Irikkur.P.O.
Kannur-670593 | 0460-2258959 | desuirikkur@gmail.com |
| 5 | Dairy Extension Officer
Dairy Extension Service Unit, Edakkad
Kizhakkekara, Thazhechowa.P.O., Kannur-670 018. | 0497-2725055 | desuedakkad@gmail.com |
| 6 | Dairy Extension Officer
Dairy Extension Service Unit, Thaliparambu,
Thaliparambu Block Panchayat Office, Karimpam.P.O.
Kannur-670 142. | 0460-2208559 | desuthaliparamba@gmail.com |
| 7 | Dairy Extension Officer
Dairy Extension Service Unit, Peravoor
Block Panchayat Office, Peravoor.P.O.
Kannur-670673 | 0490-2445859 | desuperavoor@gmail.com |
| 8 | Dairy Extension Officer
Dairy Extension Service Unit,
Koothuparambu Block Panchayat Office,
Koothuparambu.P.O., Kannur-670 643. | 0490-2361181 | desukuthuparamba@gmail.com |
| 9 | Dairy Extension Officer
Dairy Extension Service Unit, Iritty
Block Panchayat Office
Iritty.P.O., Kannur- 670703 | 0490-2493159 | desuiritty@gmail.com |
| 10 | Dairy Extension Officer
Dairy Extension Service Unit, Alakkode
Poonjar Building, Kottaram Road
Alakkode.P.O., Kannur- 670571 | 0460-2256055 | desualakkode@gmail.com |

11	Dairy Extension Officer Dairy Extension Service Unit, Manikkadavu Santhosh Arts Club (1st Floor) Manikkadavu.P.O., Kannur- 670705	0460-2217666	desumanikkadavu@gmail.com
12	Dairy Extension Officer Dairy Extension Service Unit, Kalyassery Block Panchayat Building Irinavu.P.O., Kannur- 670301	0497-2866117	desukalliasery@gmail.com
13	Dairy Extension Officer Dairy Extension Service Unit, Panoor Block Panchayat Building Thazhe Champad, Champad.P.O, Kannur- 670694	0490-2317250	desupanoor@gmail.com

KASARGOD DISTRICT

1	Dairy Extension Officer Dairy Extension Service Unit, Nileswar Block Panchayat Office Building Puthariyadukkam.P.O., Kasargod	0467-2280680	desunlr@gmail.com
2	Dairy Extension Officer Dairy Extension Service Unit, Kanhangad Block Panchayat Office Building, Kanhangad Kasargod	0467-2281718	desukhd@gmail.com
3	Dairy Extension Officer Dairy Extension Service Unit Kasargod, Civil Station F Block Vidyanar.P.O., Kasargod	0499-4256165	desuksgd@gmail.com
4	Dairy Extension Officer Dairy Extension Service Unit, Manjeswaram Block Panchayat Office Building Manjeswaram.P.O., Kasargod	0499-8275051	dairymjr@gmail.com
5	Dairy Extension Officer Dairy Extension Service Unit, Karadukka Block Panchayat Office Building, Karmamthody P.O. Pin 671542	0499-4260343	desukrdk@gmail.com
6	Dairy Extension Officer Dairy Extension Service Unit, Parappa Block Panchayat Office Building, Parappa P.O. Pin 671533	04672-255055	desuparappa@gmail.com

DEPARTMENT OF SOIL SURVEY & SOIL CONSERVATION

Directorate of Soil Survey & Soil Conservation
Center Plaza buildings. Vazhuthacadu, Thiruvananthapuram-695 014. Ph: 0471 2339899

Director	Sri. S. Subramaniam IIS	Fax:0471 2338200	
Department of Soil Survey & Soil Conservation	soildirector@gmail.com		Mob: 9497724200
Additional Director, Soil Survey	soilconservationkerala@gmail.com		
Additional Director, Soil Conservation (i/c)	Smt. Ambika S	04712339300	9446054491
Administrative Officer	Sri. Biju S	04712339400	9447042147
Finance Officer	Sri. Sabin Jose	0471 2335800	9447924890
Deputy Director, Soil Survey, HQ	Sri. Ajith Kumar C	0471 2339595	9495686317
	Smt. Minija S. Selvam	04712339292	9605083604

Deputy Director, Soil Conservation, HQ	Sri. Biju S	04712339600	9447042147
Deputy Director, Soil Survey	Smt. Shahila Rose J.S.	0471 2339899	9495727379
Assistant Director, Soil Survey, HQ	Smt. Deepa S	0471 2339191	8921456316
Assistant Director, Soil Survey, GML	Smt. Sindhu S.	0471 2339191	9446434165
Assistant Director, Soil Survey,			
Soil Informatics & Publication Cell	Smt. RenuPD	0471 2339191	9497012464
Assistant Director, Soil Conservation,(HQ)	Smt. Ajayambika Devi S.J.	04712339191	9446018877
Assistant Director, Soil Conservation,(CSS)	Smt. Asha Devadas	04712339191	9495669453
Assistant Director, Soil Conservation,(General)	Smt. PriyaV.P	04712339191	9446067097
Assistant Director, Soil Conservation, (Planning)	Sri. S. Vinod	04712339191	9447309823

REGIONAL AND DISTRICT LEVEL OFFICES

REGIONAL OFFICES

Designation & Office

	Phone
Joint Director, Kabini Project, Wayanad	0493-6205732
Deputy Director, Soil Survey, Southern Region, Thiruvananthapuram	0471- 2468237
Deputy Director of Soil Conservation	
Institute for Watershed Development & Management –Kerala (IWDM-K), Chadayamangalam	0474-2475051
Deputy Director, Soil Survey, Northern Region, Thrissur	0487 -2321296

DISTRICT OFFICES

Name of Office/Officer

Tel (Office)

e-mail

Thiruvananthapuram

Directorate of Soil Survey & Soil Conservation	0471 2339800	soildirector@gmail.com, soilconservationkerala@gmail.com
District Soil Conservation Officer, Thiruvananthapuram	0471-2732648	dscotvpm@gmail.com
Assistant Director of Soil Conservation, Aruvikkara	0471-2478030	adscaruvikkara@gmail.com
Deputy Director Soil Survey (Southern Region)	0471 2468237	ddsstrivandrum@gmail.com
Principal Soil Chemist, Central Soil Analytical Lab	0471 2541776	psc.csal@gmail.com
Assistant Director (Soil Survey), Thiruvananthapuram	0471 2469709	adsstvm@gmail.com

Kollam

District Soil Conservation Officer, Kollam	0474-2768816	dscokollam@gmail.com
Assistant Director of Soil Conservation, Sasthamkotta	0476-2837080	adscskta@gmail.com
Deputy Director of Soil Conservation, IWDM-K, Chadaya-mangalam	0474-2475051	iwdmkerala@gmail.com
Assistant Director (Soil Survey), Kollam	0474 2767121	adsskollam@yahoo.in

Pathanamthitta

District Soil Conservation Officer, Pathanamthitta	0468-2224070	dscopta@gmail.com
Assistant Director (Soil Survey) Pathanamthitta	0468 2323105	soilsurveypta@gmail.com

Kottayam

District Soil Conservation Officer, Kottayam	0481-2568519	dscoktm@gmail.com
Assistant Director (Soil Survey) Kottayam	0481 2300978	adssktm@gmail.com

Alappuzha

District Soil Conservation Officer, Alappuzha	0477-2254927	dsoalappuzha@gmail.com
Assistant Director (Soil Survey) Alappuzha	0477 2236293	adssalappuzha@gmail.com
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Ernakulam

District Soil Conservation Officer, Ernakulam 0484-2423301 dscoekm@gmail.com
Assistant Director (Soil Survey) Ernakulam 0484 2421509 adssek@gmail.com

Idukki

District Soil Conservation Officer, Idukki 0486-2252650 dscoidukki@gmail.com
Assistant Director of Soil Conservation, Kattappana 0486-8273322 adsckattappana@gmail.com
Assistant Director (Soil Survey) Idukki 04862 228725 adsidukki@gmail.com

Thrissur

District Soil Conservation Officer, Thrissur 0487-2360426 dscothrissur@gmail.com
Assistant Director (Soil Survey) Thrissur 0487 2323965 adsstcr@gmail.com
Senior Chemist, Regional Soil Analytical Lab Thrissur 0487 2327140 rsalthrissur@gmail.com
Deputy Director Soil Survey (Northern Region) Thrissur 0487 2321296 ddssoilsurveytsr@gmail.com

Palakkad

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Assistant Director (Soil Survey) Palakkad 0491 2505455 adsspalakkad@gmail.com

Malappuram

District Soil Conservation Officer, Malappuram 0483-2767872 dscomanjeri@gmail.com
Assistant Director (Soil Survey), Malappuram 0483 2739001 soilsurveymalappuram@gmail.com

Kozhikode

District Soil Conservation Officer, Kozhikode 0495-2370790 dscokkd@gmail.com
Assistant Director (Soil Survey) Kozhikode 0495 2371060 adsoilsurveykozhiokode@gmail.com
Senior Chemist, Regional Soil Analytical Lab, Kozhikode 0495 2372040 rsalkkd@gmail.com

Wayanad

District Soil Conservation Officer, Wayanad 0493-6203756 dscowayanad@gmail.com
Joint Director of Soil Conservation, Wayanad 0493-6205732 jdscrvp@gmail.com
Assistant Director of Soil Conservation, Vythiri 0493-6255227 adscvythiri@gmail.com
Assistant Director of Soil Conservation, Mananthavady 0493-5227163 adscmndy@gmail.com
Assistant Director of Soil Conservation, Kaniyambetta 0493-6247430 adsckk@gmail.com
Assistant Director of Soil Conservation, Karakkamala 0493-5227565 adsc.karakkamala012@gmail.com
Assistant Director of Soil Conservation, EH, Meenangadi 0493-6247160 adscsehsb@gmail.com
Assistant Director (Soil Survey), Wayanad 04936 246330 adsswayanad@gmail.com
Senior Chemist, Hi-Tech Soil Analytical Lab, Wayanad 04936 207750 hsalwyd@gmail.com

Kannur

District Soil Conservation Officer, Kannur 0497-2768260 dscoknr@gmail.com
Assistant Director (Soil Survey), Kannur 0497 2712818 adsskannur@gmail.com

Kasargode

District Soil Conservation Officer, Kasargode 0499-4256658 distsoilksd@gmail.com
Assistant Director (Soil Survey), Kasargod 04994 257450 adsskskd123@gmail.com

SOIL ANALYTICAL LABORATORIES

Name of labs

Central Soil Analytical Lab, Parottukonam, Thiruvananthapuram
Regional Soil Analytical Laboratory, Alappuzha
Regional Soil Analytical Lab, Thrissur
Regional Soil Analytical Lab, Kozhikode
Hitech Soil Analytical Lab, Wayanad
Soil & Plant Health Clinic, Pathanamthitta
Soil & Plant Health Clinic, Kasaragod

Designation

Principal Soil Chemist
Senior Chemist
Senior Chemist
Senior Chemist
Senior Chemist
Assistant Director (Soil Survey)
Assistant Director (Soil Survey)

Phone

0471- 2541776
0477- 2236294
0487-2327140
0495- 2372040
04936-207750
0468- 2323105
04994 -257450

PUBLIC SECTOR UNDERTAKINGS I - AGRICULTURE

DIRECTORATE OF ARECANUT & SPICES DEVELOPMENT

West Hill P.O., Kozhikode - 673 005

Director - Dr. Homey Cheriyian 0495-2369877 9495365854
e-mail : spicedte@nic.in 0495-2765501
website - http://dasd.gov.in Fax-0495-2765777

DIRECTORATE OF CASHEWNUT & COCOA DEVELOPMENT

8th & 9th Floor Kerabhavan, Kochi - 682 011

Director - Venkatesh N. Hubballi 0484 2377239,
e-mail : dccd@nic.in, Website : http://dccd.gov.in
Shri. Dadasaheb Desai Office: 0484 2377151 , Extn: 203
Deputy Director

FERTILISERS AND CHEMICALS TRAVANCORE LTD. (FACT)

PB. No. 15, Udyogamandal - 683 501

Chairman & Managing Director
Kishore Rungta 0484 2545410
email: cmd@factltd.com, pubrel@factltd.com

KERALA AGRO INDUSTRIES CORPORATION LTD. (KAICO)

Kissan Jyothi, Fort, Thiruvananthapuram - 695 023

MD - K.C Jayakumar 2471343 8375035026
e-mail : mdofficekaic@gmail.com Fax-0471-2463188
Website : www.keralaagro.com

KERALA AGRO MACHINERY CORPORATION LTD. (KAMCO)

Athani PO., Ernakulam 683 583

MD - K.P. Sasikumar 0484 2474301-(305) 8743925252
e-mail : mail@kamcoindia.com 0484 2475041 Fax-0484-2474589
Website : www.kamcoindia.com

KERALA KERAKARSHAKA SAHAKARANA FEDERATION (KERAFED)

KERA Tower, Water Works Compound, Vellayambalam, Thiruvananthapuram - 695 033

Chairman: **Adv. J. Venugopalan Nair** 2320504 9446404505
MD - N. Ravikumar 2326153, 2321660 9656220103
e-mail : kerafed@giasmd01. bsnl.net.in Fax-0471-2326298
Website : www.kerafed.com

KERALA STATE COCONUT DEVELOPMENT CORPORATION

Regd off: A.U. Wholesale Market, Anayara, Thiruvananthapuram - 695 029

Chairman - **M. Narayanan** 0495-2461350 9446693311
MD - M. Sunilkumar 0471-2741250 9188227381
e-mail: mail.kscdctvm@gmail.com Fax-0495-2460350
Website: www.kscdc.in

KERALA LAND DEVELOPMENT CORPORATION (KLDC)

Regd off: Near Ramanilayam, Chempukavu, Trissur-680020

TC. 11/5701, Museum Bains Compound, Trivandrum-3

Chairman - **P.V. Sathyanesan**

0471 2315001

9895278334

Managing Director - **P.S. Rajeev**

0471-2319697

9744111762

email : kldctvm@gmail.com, md-kldcorp@kerala.gov.in

website : https://www.kldc.org

KERALA STATE CO-OPERATIVE AGRIL. & RURAL DEVELOPMENT BANK LTD. (KSCARDB)

P.B. No. 56, Statue, Thiruvananthapuram - 695001

President - **Solomon Alex**

2460528, 2460595

9447025933

MD - **V.Ratheesan IAS**GM - **Krishnan Kutty**

2462121, 2451961

e-mail : ho.cardbank@gmail.com

Fax-0471-2462671

Website : www.keralalalandbank.org

KERALA STATE CO-OPERATIVE RUBBER MARKETING FEDERATION LIMITED (KSCRMF)

P.B. No. 15, Gandhi Nagar, Kochi - 682 020

President: **Mathew Kulathumkal**

0484 2205849

9447185248

MD - **Shiroz.S.A**

0484 2204765

email :info@rubbermark.com

0484 2267590

9447077746

Website : www.rubbermark.com

Fax-0484-2205827

KERALA STATE HORTICULTURAL PRODUCTS DEVELOPMENT CORPORATION (KSHPCD)

(HORTICORP) Udayagiri, Poojappura, Thiruvananthapuram - 695012.

MD - **J. Sajeev**

0471 2359651

9447083200

e-mail : horticotheadoffice1989@gmail.com

KERALA STATE WAREHOUSING CORPORATION

P.B. No. 1727, Kochi - 682 016. EPABX Numbers : 0484-2375537, 2376269, 2375180.

Chairman : **Vazhoor Soman**

0484-2375116

9447456639

MD - **P.H.Ashref IPS (Rtd)**

e-mail : kerwacor@gmail.com

Fax: 0484-2376339, 2375567

Website : www.kerwacor.com

OIL PALM INDIA LTD.

Regd.Office XIV/130, Kodimatha, Kottayam South PO.,Kottayam - 686 013

Ph. No. 0481 2566882, 0481 2567103

Chairman : **Vijayan kunnissery**

9847048738

MD - **Dr. Babu Thomas**

0481-2582202

9072886887

email - mdopil@yahoo.co.in

Fax-0481-2561442

Website-www.oilpalmindia.com

PLANTATION CORPORATION OF KERALA (PCK)

Muttambalam, Kottayam - 686 004

MD - **Promod.B**

0481 -2578301/02/03

e-mail : pckltd@bsnl.in

Fax-0481- 2578448

Website-www.pcklimited.in

REGIONAL AGRO INDUSTRIES DEVELOPMENT CORPORATION (RAIDCO)

Raidco Tower, PB No. 407, S.P.C.A. Road, Kannur-670 002

Chairman - **Valsalan Panoli**

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9447065977

MD - **C.P. Manojkumar**

0497-2700875

9446005920

e-mail : info@raidco.in, website : www.raidco.in

Fax: 0497-2700192

RAIDCO PRODUCTION UNITS, KANJOKODE, WEST P.O., 6786223

Pumpset Mnf. Unit-	0491 2566072	Rubber Roller Mnf. Unit-	0497 2760298
Fruit Canning Unit-	0490 2471302	Curry Powder Factory-	0497 2826794
Mattannoor- 670702		Mavilayil P.O. 670622	
Kannur Dist.			

STATE FARMING CORPORATION OF KERALA

Farm House, PB No: 13 ,Vettiithitta P.O., Alimukku, Punalur, Kollam-689696

Chairman - K.K. Asharaf	9847227449
MD - S.K. Suresh	0475-2222245, 9447782251
email: sfckpnlr@gmail.com	Fax-0475-2222251/52
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STATE AGRICULTURAL PRICES BOARD

Statue, General Hospital Road, Thiruvananthapuram - 695 023

Chairman : Dr. P. Rajasekharan		
Secretary : M.P. Mayadevi Kunjamma	0471 2473411	e-mail : sapbstatue@gmail.com

II. ANIMAL HUSBANDRY**KERALA LIVESTOCK DEVELOPMENT BOARD LIMITED**

Gokulam, Pattom Palace P.O., Thiruvananthapuram - 695 004

Chairperson

Smt. Tinku Biswal I.A.SSecretary (Forest-Animal Protection-Poultry Farm Zoo,
Fisheries, Sports & Youth Affairs)

0471-2330273 9447713067 secy.ahd@kerala.gov.in

Managing Director

Dr. Jose JamesKerala Live Stock Development Board Ltd,
Gokulam, Pattom, Thiruvananthapuram-6950040471-2449020, 2554423, 2449138 kldboard8@gmail.com,
0471-2440673 9446004275 kidboard.kldb@kerla.gov.in
http://www.livestock.kerala.gov.in**KERALA FEEDS LIMITED (KFL)**

Kallettumkara, Thrissur -680 683, PH: 0480 2713550

Chairman - K. S. Indusekharan Nair	0480 2723685	9447790114
MD - Dr. B. Sreekumar	0480 2721256	9496103200
e-mail: md.kfl@kerala.gov.in, mdsoffice.kfl@kerala.gov.in	Fax: 0480 2720194	
Website: www.keralafeeds.com		

KERALA STATE POULTRY DEVELOPMENT CORPORATION (KEPCO)

TC 30/697, Pettah, Thiruvananthapuram - 695 024

Chairperson - Chinchu Rani J.	2468585	9495000911
MD - Dr. Vinod John	2468585	9447450617
e-mail : kepcopoultry@gmail.com	Fax-0471-2477676	
Website : www.kepco.nic.in		

MEAT PRODUCTS OF INDIA LTD (MPI)

Edayar, Koothattukulam, Ernakulam - 686 662

Chairman - Adv. T.R. Rameshkumar	0485-2252365	9447350080
MD - Dr. Bijulal A.S.		9496972370
e-mail : mpiedayarsales@gmail.com	Fax-0485-2252695	
www.meatproductsofindia.com		

III. DAIRY SECTOR

1. KERALA DAIRY FARMERS' WELFARE FUND BOARD (KDFWFB)

Head office : KERALA DAIRY FARMERS WELFARE FUND BOARD, TC26/1135,
Thumbunkal Manoj Mandir, Plamoodu – PMG Road, Pattom Palace. P.O., Thiruvananthapuram – 695 004,
Phone :- 0471-2723671, 9446373671

Chairman

Adv. N. Rajan (Ex. MLA)

9447102202

E-mail : keraladairyfarmerswfb@yahoo.com Website : www.kdfwf.org

Chief Executive Officer

Anikumari.T.K

9446860020

KERALA CO-OPERATIVE MILK MARKETING FEDERATION LTD. (MILMA)

Milma Bhavan, Pattom Palace P.O., Thiruvananthapuram-695004

Chairman

Shri. P.A. Balan Master

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8547856863

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9447905992

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CENTRAL PLANTATION CROPS RESEARCH INSTITUTE (CPCRI)

Kasaragod - 671 124

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CPCRI,Kudlu (p.o),Kasaragod.

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www.cpcri.gov.in

Head

Dr.S.Kalavathi

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CPCRI,Regional Station

krishnapuram (p.o), Kayamkulam.

CENTRAL TUBER CROPS RESEARCH INSTITUTE (CTCRI)

Sreekariyam, Thiruvananthapuram - 695 017

Director : **Dr. V. Ravi**

0471- 2598431

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Kera Bhavan, SRVHS Road, Kochi - 682 011. 0484-2376265, 2377266

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KERALA STATE BIODIVERSITY BOARD

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Chairman - **Dr. Usha Titus.IAS**
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NATIONAL HORTICULTURE BOARD

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Agricultural Urban Whole Sale Market, Venpalavattom	2558930	auwmanayara@gmail.com	
Agro Service Centre, Kazhakkuttom	2754022	agrokzm@gmail.com	
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Animal Disease Control Project(ADCP), HQ Thiruvananthapuram	0471-2556151	pcadcp@kerala.nic.in	https://ahd.kerala.gov.in
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Directorate of Fisheries	2303160	fisheriesdirector@gmail.com	www.fisheries.kerala.gov.in
Directorate of Kerala state Ground Water Dept	2434098	gwdkerala@gaimil.com	www.groundwater.kerala.gov.in
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District Collector	273117727,31,200	dctvm@kerala.nic.in	https://trivandrum.gov.in/collectrate/
District Co-operative Bank	2451595	tvmdcb@gmail.com	http://tvmdcb.com/
District Information Officer	2334740; 2731300	dio-tvm@prd.kerala.gov.in	http://www.prd.kerala.gov.in
District Insurance Office	2322771	dio-tvm.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
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Kerala Farmers Call Centre	1800-425-1661	info@krishi.info	http://www.krishi.info/
Kerala Land Development Corporation	2315001; Fax: 2319596	kldctvm@gmail.com	http://www.kldc.org
Kerala Land Use Board	2307830, 2302231; Fax: 2307838	landuseboard@yahoo.com	http://kslub.kerala.gov.in
Kerala Livestock Development Board	2440920;2449138; Fax:2440673	kldboard8@gmail.com; kldboard@kldb.kerala.gov.in	http://www.livestock.kerala.gov.in
Kerala State Agro Industries Corporation	2471343	kaicgeneralsection@gmail.com	www.keralaaagro.com
Kerala State Cooperative Agricultural and Rural Development Bank	2460595	ho.cardbank@gmail.com	www.keralalandbank.org
Kerala State Co-operative Marketing Federation	2323483	md@marketfed.com	http://marketfed.com
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KVK Sadanandapuram	2663599	kvkkollam@kau.in	http://kvkkollam.kau.in
Milk Product Training and Development Centre, Oachira	(476)2698550.	dtcoachira@gmail.com	http://www.dairy.kerala.gov.in
NABARD	9161355111, 2743524, 2701632	kollam@nabard.org opilyeroorestate@gmail.com	https://www.nabard.org www.oilpalmindia.com
Oilpalm India Ltd, Bharathipuram	(475)2202324		
Principal Agricultural Officer	2795082; Fax: 2795082	principalaokollam@gmail.com	http://www.keralaagriculture.gov.in
RAIDCO, Kollam	0474 2741651	raidcokollam@gmail.com	http://www.sfckerala.com
State Farming Corporation	(475)2222252;53	sfckpnlr@gmail.com	http://www.vfpck.org
Vegetable and Fruit Promotion Council Keralam	210364	mpaklm@vfpck.org	

PATHANAMTHITTA

STD Code : 0468

Agmark Laboratory, Pandalam	(473)4252801		
Assistant Director of Fisheries	2223134	adpta_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
Asst. Soil Chemist, Pandalam	(473)4256645	dstlpandalam@gmail.com	http://www.keralasoils.gov.in
Soil Testing Laboratory	(469)2662094, 2661821	cardkvk@yahoo.com	https://www.kvkc card.org
Kerala state Ground Water Dept Pathanamthitta	2224887	gwdpta@gmail.com	www.groundwater.kerala.gov.in
Assistant Director (Soil Survey) Pathanamthitta	2323105	soilsurveypta@gmail.com	
Avian Disease Diagnostic Laboratory, Thiruvalla	(469)2700413	addlkerala@gmail.com; addl.ahd@kerala.gov.in	https://ahd.kerala.gov.in
Dairy Development Department	2223711		http://www.dairy.kerala.gov.in
District Information Officer	2222657	pta@prd.kerala.gov.in	http://www.prd.kerala.gov.in
District Animal Husbandry Officer	(468)2322762	dahopta@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	2222505;2222515	dcpta.ker@nic.in	https://kerala.gov.in
District Co-operative Bank	2222271;2222365	pathanamthittadcb@gmail.com	http://www.pathanamthittadcb.com
District Panchayat President	2223078		http://pathanamthittadp.lsgkerala.gov.in
District Planning Officer	2222725	dpopta725@gmail.com	http://spb.kerala.gov.in
District Soil Conservation Officer	2224070	dscopta@gmail.com	http://www.keralasoils.gov.in
District Forest Officer, Ranni	(473)5227558	dfo-ranni.for@kerala.gov.in	http://www.forest.kerala.gov.in
Dy. Director, Economics and Statistics	0473 - 2322748	ddptm.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
District Insurance Office	2270857	diopta.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
DMO Pathanamthitta	9946105475	dmo_ismpta@yahoo.com	http://www.ism.kerala.gov.in
District Development Office For SC	2232272	ddopta@gmail.com	https://scdd.kerala.gov.in
District Supply Office	2222612	dsopta@sch.kerala.gov.in	http://civilsupplieskerala.gov.in
District Treasury PTA	2222402		http://www.treasury.kerala.gov.in
District Poverty Alleviation Units	2222686	drdapopta@gmail.com	http://www.rdd.kerala.gov.in

Economics And Statistics Office	2322743;2322748	ddptm.des@kerala.gov.in ptadtpc@yahoo.co.in jrgpta.coop@kerala.gov.in	http://www.ecostat.kerala.gov.in http://pathanamthittatourism.com https://kerala.gov.in/co-operation
Joint Registrar, Co-operative Societies ICAR-Krishi Vigyan Kendra	2222417 (469)2662094; 2661821	cardkvik@yahoo.com kerafedroc@gmail.com kaictvl@gmail.com	www.kvkc.org http://www.kerafed.com http://www.keralaagro.com
KERAFED Kerala Agro Industries Corporation, Thiruvalla Krishi Vigyan Kendra, Pullad	(484)2301450 (469)2701273 (469)2662094; 2661821	cardkvik@yahoo.com	https://www.kvkc.org http://www.kseb.in
KSEB, Pathanamthitta Kudumbasree, Pathanamthitta Lead Bank (SBT) Minor Irrigation NABARD (PTA & Alappuzha) Principal Agricultural Officer	2222433;2223499 2221807 2222589 2271272 (477)2244033 2222597; Fax:0468-2222597 2222098	lpathanam@sbt.co.in emipta@gmail.com alappuzha@nabard.org paopathanamthitta@gmail.com raidcopathanamthitta@gmail.com	http://pathanamthitta.nic.in http://www.irrigation.kerala.gov.in www.nabard.org http://www.keralaagriculture.gov.in
RAIDCO, Pathanamthitta Pazhukulam Agricultural & social Service Society	(473)4237262; 4237072	passspklm@gmail.com dforanni@gmail.com	http://www.passs.org.in/ http://forest.kerala.gov.in
District Forestry Office Ranni State Seed Farm, Pulladu State Seed Farm, Adoor Sugarcane Research Institute, Thiruvalla Tribal Development Office Ranni VFPC Pandalam State Seed Farm, Adoor(Munnalam) Sugarcane Seed Farm, Kadakkad, F.T.C., Pandalam, Kadakkad, Asst. Exe. Engineer (Agri), Pandalam, Kadakkad ASC, Pandalam, Kadakkad SAO, Agmark Lab	(469)2661917 (473)4227868 (469)2604181 (473)5227703 (473)4252030 (4734)227868 (4734)252500 (4734)252244 (4734)252939 (4734)256645 (4734)252801	ssfpullad@gmail.com stateseedfarmdoor@gmail.com arsthiruvalla@kau.in rannitdo@gmail.com mpapta@vfpc.org stateseedfarmdoor@gmail.com pandalamfarm@yahoo.com ftcpandalam@gmail.com aeeagripandalam@gmail.com dstlpandalam@gmail.com saglpathanamthitta@gmail.com	http://arsthiruvalla.kau.in http://www.stdd.kerala.gov.in http://www.vfpc.org

ALAPPUZHA

STD Code : 0477

Asst.Executive Engineer(Agri) CPCRI, Kayamkulam District Development Office For SC Deputy Director of Fisheries, District Panchayat Dy. Director, Economics and Statistics District Insurance Office Dist. Agri Farm, Mavelikkara District Animal Husbandry Officer District Collector District Planning Officer District Information Office District Soil Conservation Officer, Alappuzha Assistant Director (Soil Survey) Alappuzha Senior Chemist, Regional Soil Analytical Lab, Alappuzha District Poverty Alleviation Units District Supply Office Kerala state Ground Water Dept Alappuzha Dy. Director, Dairy Development Deputy Director Fisheries Executive Engineer(Agri.) Guest House Joint Registrar, Co-operative Societies	2268098 (479)2442160 2252548 2252367 2253836 2252312 2244436 (479)2357690 2252431 2251720 2252064 2251349 2254927 2236293 2236294 2251063 9188529318, 2823058 2288866 2252358 2251103 2266084 2246503 2251713	headcpcri@yahoo.co.in ddoforscalpy@gmail.com ddalp_fisheries.ker@nic.in dpalpy@gmail.com ddalp.des@kerala.gov.in dioalp.ins@kerala.gov.in noorekkr@gmail.com dahalp@kerala.nic.in dcalp.ker@nic.in dio-alp@prd.kerala.gov.in dscoalappuzha@gmail.com adssalappuzha@gmail.com rsalalappuzha@gmail.com drdaalpy@gmail.com dsoalp.sch@kerala.gov.in gwdalp@gmail.com dairyalpy@gmail.com ddalp_fisheries.ker@nic.in eeagri@gmail.com	http://www.cpcri.gov.in https://scdd.kerala.gov.in http://www.fisheries.kerala.gov.in http://lsgkerala.in/alappuzha/ http://www.ecostat.kerala.gov.in http://www.insurance.kerala.gov.in https://ahd.kerala.gov.in kerala.gov.in/districts-collectors www.prd.kerala.gov.in www.keralasoils.gov.in www.keralasoils.gov.in www.keralasoils.gov.in http://www.rdd.kerala.gov.in http://civilsupplieskerala.gov.in www.groundwater.kerala.gov.in http://www.dairy.kerala.gov.in www.fisheries.kerala.gov.in
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Kariland Development Agency, Purakkad	2272617		
KCPM, Mancombu	2702683		
KLDC, Kayamkulam	(479)2270495		
Kerala Agro Industries Corporation	2270942		
Kerala Centre for Pest Management, Moncompu	2702683		
Krishi Vigyan Kendra, Kayamkulam	(479)2449268	kvkalapuzha@gmail.com	www.kvkalappuzha.org
Lead Bank	2251267	lbalpy@sbi.co.in	http://alappuzha.nic.in/
NABARD	2244033		
NSC Unit, Ramankary	2707173		
ORARS, Kayamkulam	(479)2443192		
Principal Agricultural Officer	2251403;		
	Fax:(477)2251403	paoallappuzha@gmail.com	http://www.keralaagriculture.gov.in
Punja Special Officer	2245426		
Rice Research Station, Moncompu	2702245		
State Seed Testing Lab	2268615		
Soil Testing Lab	2266862		
DMO	9446105477	dmohalppy@yahoo.co.in	

KOTTAYAM

STD Code : 0481

Asst. Ex. Engineer (Agri.)	2561585		
Deputy Director of Fisheries	2566823	adktm_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
Kerala state Ground Water Dept Kottayam	2560436	gwdktm@gmail.com	www.groundwater.kerala.gov.in
District Panchayat President	2565966		www.lsgkerala.in/kottayam
District Insurance Office	2822176	dioktm.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
District Collector	2562001		
District Animal Husbandry Officer	2563726	dahoktm@kerala.nic.in	https://ahd.kerala.gov.in
District Agricultural Farm , Kozha	(482)2234016		
District Supply Office	918852319,		
	2560371	dsoktm.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
District Development Office For SC	2562503	scddoktm@gmail.com	https://scdd.kerala.gov.in
Dy. Director, Economics and Statistics	0481 - 2562073	ddktm.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Dy. Director, Dairy Development	2562768	dairyddktm@gmail.com	http://www.dairy.kerala.gov.in
District Soil Conservation Officer, Kottayam	0481-2568519	dscocktm@gmail.com	
Assistant Director (Soil Survey) Kottayam	0481 2300978	adssktm@gmail.com	
District Poverty Alleviation Units	0481-2560721	drdakottayam@gmail.com	http://www.rdd.kerala.gov.in
Joint Registrar of Co-operative Societies	2562069		
Dist. Co-operative Bank	2563603		
District Information Officer	2562558		
District Veterinary Centre	2564623		
Kerala Agro Industries Corporation, Vaikom	(482)9221214		
Lead Bank(SBI)	9447778716	lbtm@sbi.co.in	http://kottayam.nic.in/
NABARD	9446745600, 2304688		kottayam@nabard.org
Oil Palm India Ltd	2567881		
Plantation Corporation, HQ	2578301		
Principal Agricultural Officer	2562263	paoktm@hotmail.com/ paoktym@gmail.com	http://www.keralaagriculture.gov.in
Dist Planning Officer	2561638		
Dairy Training Centre	2302273		
Punja Special Officer	2560122		
RAIDCO, Kottayam	0481 2562932	raidcokottayam@gmail.com	
RATTC, Kozha	(482)2231351		
RARS, Kumarakom, Office	2524421		
Vegetable and Fruit Promotion Council (VFPC)	2534709		

IDUKKI

STD Code : 0486

Asst. Director of Fisheries, Kumily	9222326		
All India Radio, Devikulam	5264259		

Asst. Ex. Engineer (Agri.), Thodupuzha	2228522		
Asst. Soil chemist, Arikuzha	2281162		
Cardamom Research Station, Pampadumpara	8236263		
District Poverty Alleviation Units	04862-233027	drdaidk@gmail.com	http://www.rdd.kerala.gov.in
Coffee Board, Vazhavara	8278025		
Coffee Board, Vandiperiyar	9252349		
Kerala state Ground Water Dept Idukki	2226199	gwdidk@gmail.com	www.groundwater.kerala.gov.in
Coffee Board Junior Liaison Officer Adimali	04864-222689	eoadmli.coffeeboard@nic.in	www.indiacoffee.org
Coffee Board Junior Liaison Officer Vandiperiyar	04869-252349	jlovpr@gmail.com	www.indiacoffee.org
Deputy Director, Dairy Development	2222099	dairyddidk@gmail.com	http://www.dairy.kerala.gov.in
Deputy Director of Fisheries	0486-9222326	adidk_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Agricultural Farm, Areekuzha	2278599		
Dy. Director, Economics and Statistics	0486 - 2222856	ddidk.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
District Planning Officer	2233010		
District Insurance Office	0486-2226240	doidk.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
District Development Office For SC	0486-2252003	ddoforscidukki@yahoo.in	https://scdd.kerala.gov.in
District Supply Office	9188527220,		
	2232321	dsoidk.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
District Tribal Development Officer	2222399		
Deputy Director, Spices Board, Nedumkandam	8234730		
District Animal Husbandry Officer	2222894	dahoidki@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	233103		
RDO Idukki	2232231		
RDO Devikulam	9264222		
District Information Officer	2233036		
District Panchayat President	2233069		www.lsgkerala.in/udukki
District Soil Conservation Officer, Moolamattom	2252650		www.keralasoils.gov.in
District Soil Survey Office, Thodupuzha	2228725		www.keralasoils.gov.in
Forest IB Munnar	5231587		
Indian Cardamom Research Institute, Myladumpara	8237207		
Joint Registrar of Co-operative Societies	2232394		
Kerala Agro Industries Corporation	2225117		
Kerala State Warehouse Corporation	2222592		
KLD Board, Mattupetty	5230389		
Kudumbasree	2232223		
Lead Bank(Union Bank of India)	5230294	cmldmidukki@gmail.com	http://idukki.nic.in/
NABARD	94473747006, 2223705		
National Informatic Centre	2232543		
KVK, Santhanpara	8247541		
Oil Palm India Ltd., Vettimattom	2276164		
Principal Agricultural Officer	2222428;Fax: 2227848		http://www.keralaagriculture.gov.in
RAIDCO, Thodupuzha	2223703		
State Seed Farm, Karimannoor	2263560		
Spices Park, Puttadi	8288371		
Spices Board, Kattappana	8232989		
Spices Board, Cheruthoni	235984		
Spices Board, Peerumedu	232989		
Spices Board, NDKM	347307		
State Vegetable Farm, Vandiperiyar	9253543		
Rubber Board, Regional Office	2222310		
SIDCO, Thodupuzha	222205		

ERNAKULAM

STD Code : 0484

Aromatics and Med:	
Plants Research Station, Odakkali	2658221
Asst Ex Engineer (Agri.), Vyttila	2422974
Agri. Rural Wholesale Market Authority, Muvattupuzha	(485)2813200

Agri. Urban Wholesale Market Authority, Maradu	2701042		
District Poverty Alleviation Units	2422221	pauernakulam@gmail.com	http://www.rdd.kerala.gov.in
Directorate of Cashewnut and Cocoa Development	2377239;2377151		dccd@nic.in dccd.gov.in
All India Radio, Kochi	2429113		
Cashew Export Promotion Council	2376459		
Coir Board	2351807		
Central IPM Centre	2427114		
Kerala state Ground Water Dept Ernakulam	2426331	gwdek@gmail.com	www.groundwater.kerala.gov.in
Central Warehousing Corporation	2314423		
Coconut Development Board	2377266		
District Soil Conservation Officer, Ernakulam	2423301	dscoekm@gmail.com	
Assistant Director (Soil Survey) Ernakulam	2421509	adssekm@gmail.com	
Dy. Director, Economics and Statistics	2422533	ddekem.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Deputy Director of Fisheries	2394476	ddekem_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
Deputy Director, Dairy Devpt Dept	2422310	dddekem@gmail.com	http://www.dairy.kerala.gov.in
Director of Cashewnut & Cocoa Devpt	2377239		
Kerala Public Service Commission		doekm.psc.gov.in	www.keralapsc.gov.in
Directorate of Marketing & Inspection	2424797		
District Insurance Office	2356955	dioekm.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
District Agricultural Farm, Neriamangalam	2554416		
Kerala state Ground Water Dept Lab:	2424331	ralgwdek@gmail.com	www.groundwater.kerala.gov.in
DRDA	2422221		
District Animal Husbandry Officer	2360648	dahoekm@kerala.nic.in	https://ahd.kerala.gov.in
District Planning Office	2422290		
District Collector	2423001		
District Veterinary Hospital	2351264		
District Co-operative Bank	2424613		
District Development Office For SC	2422256	ddoscekm@gmail.com	https://scdd.kerala.gov.in
Vazhakulam Agro and Fruit Processing Company Limited	(485)2261547; 2989095	jiveagrofruit@gmail.com	www.jivekerala.com
District Information Officer	2354208		
District Panchayat	2425205, 2422520		www.lsgkerala.in/ernakulam
District Veterinary Hospital	2351264		
District Supply Office	9188527321, 988527321		www.keralasoils.gov.in
FIB Regional Office, Edappally	2423359	dsoekm.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
Fisheries College, Panangad	2344935		
FACT, Udyogamandal	2700337		
Dist. Planning Officer	2545106		
Hindusthan Insecticides	2422290		
Hortcorp Regional production Centre	2545121		
IPD Block Muvattupuzha	2427730		
KERAFED	2232731		
	2306720;		
	2301450	kerafedcprekm@gmail.com	http://www.kerafed.com
Kerala Agro Industries Corporation	2474267		
Krishi Vigyan Kendra, Njarakkal	2492450		
Kerala Press Academy	2422275		
Kerala State Warehousing Corporation	2375537		
KAMCO	2474301		
Lead Bank(UBI)	2395392	ldm@unionbankofindia.com	http://ernakulam.nic.in/
LMTC, Aluva	2624441		
MARKETFED	2204073		
Meat Products of India, Koothattukulam	2352365		
NABARD	2338293		
NAFED	2205843		
Principal Agri. Officer	2422224;		
	Fax:2422224	paoekm@hotmail.com	
Project Office, ICDP, Aluva	2624441		

Pokkali Land Development Agency	2449682
Press Information Bureau	2312153
Plant Quarantine Fumigation Station	2666145
Pineapple Research Station, Vazhakkulam	2260832
Rice Research Station, Vyttila	2809963
Rubber Marketing Federation	2205790
Raidco	2622923
RATTC, Nettoor	2703094
Rubber Board Regional Office	2380101
Regional Poultry Farm, Koovapady	2523557
Spices Board	2333610
Tea Board, W. Island	2666523
Tourist Bungalow, Aluva	2622637
Vegetable and Fruit Promotion Council (VFPCK)	2427455

THRISSUR

STD Code : 0487

All India Radio	2323572		
Asst. Exe. Engineer(Agri)	2385529		
Bio-Control Lab, Mannuthy	2374605		
CADA, Water Management Specialist (C.R. Ramesh)	2332445		
District Poverty Alleviation Units	0487- 2365719	drdatrs@gmail.com	http://www.rdd.kerala.gov.in
CPCRl	2282029		
Dy. Director, Economics and Statistics	0487 - 2361339	ddtsr.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Deputy Director, Dairy Development	2321660	dddairytsr@gmail.com	http://www.dairy.kerala.gov.in
Deputy Director of Fisheries	2331090	ddtsr_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Co-operative Bank	2420954		
District Soil Conservation Officer, Thrissur	2360426	dscothrissur@gmail.com	
		soilsurveythrissur@yahoo.co.in	
Senior Chemist, Regional Soil Analytical Lab Thrissur	2327140	rsalthrissur@gmail.com	
Deputy Director Soil Survey (Northern Region) Thrissur	2321296	ddsoilsurveytsr@gmail.com	
District Insurance Office	2361639	diotsr.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
Kerala state Ground Water Dept Trissur	-2365563	gwdtsr@gmail.com	www.groundwater.kerala.gov.in
		www.keralasoils.gov.in	
District Animal Husbandry Officer	2361216	dahotsr@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	2361020		
District Development Office For SC	2360381	ddosctcr@gmail.com	https://scdd.kerala.gov.in
District Information Officer	2360644		
District Panchayat President	2360251		www.thrissurdp.lsgkerala.gov.in
District Soil Survey Officer	2323965		www.keralasoils.gov.in
District Supply Office	9188527322,		
	2360046	dsotsr.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
Joint Registrar of Co-operative Societies	2360363		
Dist. Planning Officer	2360672		
Kerala Agro Industries Corporation	2310983		
Kerala State Seed Development Authority	2360299		
KFRI, Peechi	2699037		
Kerala Institute of Local Administration (KILA)	2201061		
Kerala Land Development Corporation	2331092		
Kole Development Authority	2320503		
Krishi Vigyan Kendra	2375855	kvkthrissur@kau.in	www.kvkthrissur.kau.in
Lead Bank (Canara Bank)	2331156	lbothrissur@canarabank.com	http://thrissur.nic.in/
NABARD	2321718		
NBPGR, Vellanikkara	2370499		
Principal Agricultural Officer 9383991600	2444297;		
	Fax:2444297	jda.tsr@gmail.com	http://www.keralaagriculture.gov.in
RAIDCO, Thrissur	0487 2424307	raidcothrissur@gmail.com	
Ramanilayam Guest House	2332016		
Regional Soil Analytical Lab	2327140		

PALAKKAD**STD Code : 0491**

CADA, Joint Director of Agriculture	2535473		
Deputy Director of Fisheries	2815245	ddpkd_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Animal Husbandry Officer	(491)2520297	dahopkd@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	2505266		
District Co-operative Bank	2547326		
District Soil Conservation Officer, Palakkad	2505860	dscopkd@rediffmail.com	
Assistant Director (Soil Survey) Palakkad	2505455	adsspalkkad@gmail.com	
Dy. Director, Economics and Statistics	2505106	ddtsr.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
District Insurance Office	2527142	diopkd.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
Coffee Board Junior Liaison Officer	2555594	cbjlopgt@gmail.com	www.indiacoffee.org
District Development Office For SC	2505005	scddpkd@gmail.com	https://scdd.kerala.gov.in
District Information Officer	2505329		
District Poverty Alleviation Units	0491-2505560	drdapopkd@gmail.com	http://www.rdd.kerala.gov.in
District Panchayat President	2505638		www.lsgkerala.in/palakkad
Dist. Planning Officer	2505350		
District Supply Office	2505541	dsopkd.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
Kerala state Ground Water Dept Palakkad	0491-2528471	gwdpkd@gmail.com	www.groundwater.kerala.gov.in
Guest House	2529966		
Dy. Director, Dairy Development Dept	2505137	dydpalakkad@gmail.com	www.dairy.kerala.gov.in
Dy. Director, Fisheries Dept	2815245	ddpkd-fisheries@nic.in	
Horticulture Development Farm, Malampuzha	2816135		
Integrated Seed Development Farm, Eruthiampathy	(492)3236007		
Joint Registrar of Co-operative Societies	2505529		
KAMCO, Kanjikode	2567258		
Kerala Agro Industries Corporation	2547924		
KLD & MM Board, Dhoni	2558547		
KVK, Pattambi	(466)2212279		
NABARD	8803002660, 2952660		
National Seeds Corporation	2566414;		
	9895013810	palakkad@indiaseeds.com	www.indiaseeds.com
Orange and Vegetable Farm, Nelliampathy	(492)3246225		
Project Director AHADS, Agali	(492)4254518	paopkd@gmail.com	
Principal Agricultural Officer	938347170, 2505075; Fax :2527075		http://www.keralaagriculture.gov.in
RATTC, Malampuzha	2815912		
RAIDCO, Palakkad	2547726	raidcopalakkad@gmail.com	
Regional Poultry Farm, Malampuzha	2555206		
State Seed Farm, Kunnannoor	2572224		
VFPC, Alathur	(492)2222706		
Fertilizer Quality Control Lab, Pattambi	(466)2212048		

MALAPPURAM**STD Code 0483**

District Animal Husbandry Officer	2734917	dahompm@kerala.nic.in	https://ahd.kerala.gov.in
Arya Vaidyasala, Kottakkal	2742216		
Asst. Ex. Engineer (Agrl.)	9847411709		
Block Development Office	2734459		
Canara Bank (Lead Bank)	2734881	lbomalappuram@canarabank.com	http://malappuram.nic.in/
Cashew Research Station, Anakkayam	2848239		
District Poverty Alleviation Units	0483-2734976	drdampm@gmail.com	http://www.rdd.kerala.gov.in
Deputy Director of Fisheries	0494-2666428	ddpni_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Soil Conservation Officer, Malappuram	2767872	dscomanjeri@gmail.com	
Assistant Director (Soil Survey), Malappuram	2739001	soilsurveymalappuram@gmail.com	
Dy. Director, Economics and Statistics	2734939	ddmlp.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Kerala state Ground Water Dept Malappuram	2731450	gwdmpm@gmail.com	www.groundwater.kerala.gov.in
Dy. Director, Dairy Development Dept	2734944	dddairympm@gmail.com	www.dairy.kerala.gov.in
District Forest Office	2734803		
District Collector	2734355		
District Co-operative Bank	2734928		

District Development Office For SC	0483-2734901	ddompm@gmail.com	https://scdd.kerala.gov.in
District Insurance Office	0483-2732068	diompm.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
District Fisheries Office, Ponnani	(494)2666428		
District Industries Office	2734812		
District Information Office	2734387		
District Kudumbasree Office	2733470		
District Social Forestry Office	2734803		
District Panchayat President	2734564		www.lsgkerala.in/malappuram
District Supply Office	9188527324, 2734912		dsompm.sch@kerala.gov.in http://civilsupplieskerala.gov.in
District Planning Officer	2734832		
Dairy Development Office	2734944		
Kerala Agro Industries Corporation	(493)1247059		
Joint Registrar of Co-op Societies	2734994		
Kelappaji College of Engg. & Technology	(494)2686214		
NABARD	2964084		
Precision Farming Development Centre, Thavanur	(494)3297592		
Principal Agricultural Officer 9383471800	2734916;	paomalappuram@gmail.com	http://www.keralaagriculture.gov.in
	Fax : 2734916		
RAIDCO, Malappuram	0483 2734870	raidcomalappuram@gmail.com	
Seed Garden Complex, Munderi	(493)1240090		
VFPC, Manjeri	2768987		
Rest House	2736274		

KOZHIKODE

STD Code : 0495

Agrl. Urban Wholesale Market, Vengeri	2376514		
All India Radio	2366027		
I&PRD, Calicut	2371096		
Asst. Ex. Engineer (Agrl.)	2723766		
Dy. Director, Economics and Statistics	2370343	ddkkd.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Kerala state Ground Water Dept Kozhikkode	2370016	gwdkkd@gmail.com	www.groundwater.kerala.gov.in
District Soil Conservation Officer, Kozhikkode	2370790	dscokkd@gmail.com	
Assistant Director (Soil Survey) Kozhikkode	2371060	adssoilsurveykozhikkode@gmail.com	
Senior Chemist, Regional Soil Analytical Lab, Kozhikkode	2372040	rsalkkd@gmail.com	
CWRDM	2351801		
District Poverty Alleviation Units	2371283	pdpaukdd@gmail.com	http://www.rdd.kerala.gov.in
Kerala state Ground Water Dept Lab: KKD	2375537	raikkdgwd@gmail.com	www.groundwater.kerala.gov.in
Directorate of Arecanut & Spices	2369877		
District Insurance Office	2376768	diokkd.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
Dairy Training Centre	2414579		
Deputy Director of Fisheries	2383780	ddkzd_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
Dy. Director, Dairy Development Dept	2371554	dddairykdd@gmail.com	www.dairy.kerala.gov.in
Dist. Planning Officer	2320792		
District Animal Husbandry Officer	2768075	dahokzkd@kerala.nic.in	https://ahd.kerala.gov.in
District Development Office For SC	2370379	ddosckkd@gmail.com	https://scdd.kerala.gov.in
District Fisheries Officer	2380005	ddkzd_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Information Officer	2370225		
District Soil Conservation Officer	2370790		www.keralasoils.gov.in
District Soil Survey Officer	2371060		www.keralasoils.gov.in
District Agrl. Farm, Koothali	(496)2662264		
District Collector	2371400		
District Panchayat President	2370550		www.lsgkerala.in/kozhikkode
District Supply Office	9188527314,		
	2370655	dsokkd.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
Dy. Director, Dairy Development	2371254		
Economic and Statistics	2370248		
FIB Regional Office	2370368		
FTC, Vengeri	2373582		

IISR Farm, Peruvannamoozhi Indian Institute of Spices Reasearch	(496)2249371 2730294	mail@spices.res.in; director@spices.res.in	http://www.spices.res.in
IMG Joint Registrar of Co-op Societies Kerala Agro Industries Corporation KVK, Peruvannamuzhi KERAFED	2356095 2722334 2370676 (496)2662372 (495)2762970, 2762960	kerafedcprct@gmail.com lbocalicut@canarabank.com	http://www.kerafed.com http://kozhikode.nic.in/
Lead Bank Malabar Botanic Garden NABARD Principal Agricultural Officer 9383471900	2701895 2430939 2741176 2370897; Fax :2370897	paokzd@gmail.com	http://www.keralaagriculture.gov.in
Regional Soil Analytical Laboratory (Soil Survey) RAIDCO, Kozhikkode Spices Board State Seed Farm, Perambra State Seed Farm, Puthupady VFPCCK	2372040 0495 2366376 2302980 (496)2615234 (496)2512340 2225517	raidcokozhikkode@gmail.com	

WAYANAD

STD Code : 0493

Collectorate Coffee Board District Animal Husbandry Officer DFO, South Wayanad Coffee Board Joint Director(Extension)Kalpetta DeputyDirector(Extension,) Kalpetta DFO,North Wayanad Canara Bank (Lead Bank) Deputy Director of Fisheries District Information Officer District Soil Conservation Officer, Wayanad Joint Director of Soil Conservation, Wayanad Assistant Director of Soil Conservation, Vythiri Assistant Director of Soil Conservation, Mananthavady Assistant Director of Soil Conservation, Kaniyambetta Assistant Director of Soil Conservation, Karakkamala Assistant Director of Soil Conservation, EH, Meenangadi Assistant Director (Soil Survey) , Wayanad Senior Chemist, Hi-Tech Soil Analytical Lab, Wayanad Dy. Director, Economics and Statistics District Insurance Office Dist. Planning Officer District Development Office For SC District Poverty Alleviation Units Kerala state Ground Water Dept Wayanad District Panchayat Office Dy.Director Panchayath District Soil Survey Officer District Soil Conservation Office Dy. Director, Dairy Development District Industries Centre District Supply Office	6202230 6203307 6202292 6203428 203307, 6240233 6202255 6256187, 6255214 6202529 6203756 6205732 6255227 5227163 6247430 5227565 6247160 246330 207750 6202633 207939 202626 203824 205390 6248210 6202490 6202634 6246330 6203756 6202093 6202485 9188527326, 6202273	dcwayanad@gmail.com jdekalletta@gmail.com dahowynd@kerala.nic.in Jdekalletta@gmail.com ddekalletta@gmail.com lbokalletta@canarabank adwyd_fisheries@nic.in diowayanad@gmail.com dscowayanad@gmail.com jdsrvp@gmail.com adscvythiri@gmail.com adscmndy@gmail.com adsckk@gmail.com adsc.karakkamala012@gmail.com adscehsub@gmail.com adsswayanad@gmail.com hsalwyd@gmail.com ddwyd.des@kerala.gov.in diowyd.ins@kerala.gov.in scdepartmentwyd@gmail.com podrdawyd@gmail.com gwdwyd@gmail.com dpwynd@gmail.com ddpwayanad@gmail.com dscowayanad@gmail.com dairywayanad@gmail.com dsownd.sch@kerala.gov.in wayanaddto@gmail.com	https://wayanad.gov.in/collectorate/ www.indiacoffee.org https://ahd.kerala.gov.in www.indiacoffee.org www.indiacoffee.org http://www.fisheries.kerala.gov.in http://www.ecostat.kerala.gov.in http://www.insurance.kerala.gov.in https://scdd.kerala.gov.in http://www.rdd.kerala.gov.in www.groundwater.kerala.gov.in www.lsgkerala.in/wayanad www.keralasoils.gov.in www.keralasoils.gov.in www.dairy.kerala.gov.in http://civilsupplieskerala.gov.in
ITDP Project Office Mining and Geology District Treasury	6202256 6248235 6202639		

SBT Kalpetta	6202063		
District Soil Testing Lab, Mananthavady	5242499	ascwayanad@gmail.com	
District Planning Officer	6202626	dpowayanad@gmail.com	
District PSC Office	6202539		
College of Vet&Animal Science	6256380		
Dist. Mission Coordinator, Kudumbasree	6206589	spemwyd@gmail.com	
Dist. Co-op. Bank, Kalpetta	6202650	wdcbank@yahoo.co.in	
DTO KSRTC Kalpetta	6202611		
FRIENDS Janasevanakendram	6202580		
Joint Registrar of Co-op. Societies	6202267		
Hitech Soil Analytical Laboratory	6207750		
Kerala Agro Industries Corporation	6220316		
KVK, Ambalavayal	6260411	kvkwayanad@kau.in	
M.S Swaminathan Research Foundation, Kalpetta	6204477		
RDO Mananthavady	5240222		
Coffee Board	6247306		
Coffee Research Station, Chundale	6202256		
NABARD	6203573		
NIC	6202763		
District Sericulture Officer	6203774		
District Fisheries Office	255214	adfwyd@gmail.com	
Principal Agricultural Officer	6202506;		
	Fax :6202506	paowayd@gmail.com	http://www.keralaagriculture.gov.in
RARS, Ambalavayal	6260421	rarsamb@kau.in	
Rural Agri Wholesale Market, Sulthanbathery	6223192	rawmarketbathery@gmail.com	
RDO, Mananthavady	5240222		
RAIDCO, Mananthavady	04935 242859	raidcomananthavady@gmail.com	
Spices Board	6202605		
Veterinary Hospital	6202729		
VFPC	6286012	vfpc.wnd@gmail.com	

KANNUR

STD Code 0497

AIR	2748581		
Aralam Farm	(490)2444740		
Assistant Executive Engineer (Agri) Kannur	2725229	aeegriknr@gmail.com	
Asst. Director of Agri. (Mktg)	2705078		
Atma Kannur	(490)2365154	atmaknr@gmail.com	
Coconut Nursery, Palayad	(490)2345766	cnpalayad@gmail.com	
CWRDM	2706300		
District Agricultural Farm , Taliparamba	(460)2203154		
Dy. Director, Economics and Statistics	2700405	ddknr.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
Dist Co-Op Bank	2700001		
Deputy Director, Dairy Development	2707859	dairyddknr@gmail.com	www.dairy.kerala.gov.in
District Insurance Office	2707617	dioknr.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
District Poverty Alleviation Units	2700143	pdpaukannur@gmail.com	http://www.rdd.kerala.gov.in
District Development Office For SC	2700596	ddosckannur@yahoo.com	https://scdd.kerala.gov.in
Kerala state Ground Water Dept Kannur	2709892	gwdknr@gmail.com	www.groundwater.kerala.gov.in
Deputy Director, Fisheries	2731081	ddknr_fisheries.ker@nic.in	http://www.fisheries.kerala.gov.in
District Agricultural Farm, Taliparamba	(460)2203154	kannurdaf@gmail.com	
District Animal Husbandry Officer	2700267	dahoknr@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	2700243		
District Forest Officer	2704808		
District Information Officer	2700231		
District Panchayat Office	2700205		www.lsgkerala.in/kannur
District Panchayat President	2700306		
District Planning Officer	2700765		

District Soil Conservation Officer	2768260		www.keralasoils.gov.in
District Soil Survey Officer	2712818		www.keralasoils.gov.in
District Soil Testing Lab, Taliparamba	(460)2206812	dstlknr@gmail.com	
District Statistical Officer	2700405		
District Supply Office	9188527327, 2700552	dsoknr.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
District Treasury Officer	2700683		
DMO	2700709		
DRDA	2700143		
FACT	2741757		
Govt. Press Kannur	2747306		
Govt. Guest House	2706426		
Ground Water Dept	2709892		
Horticorp	2783730		
Joint Registrar of Co-op Societies	2700413		
K.V.K. Panniyoor	(460)2226087		
Kerala Agro Industries Corporation	2761404		
Lead Bank Dist. Manager, Syndicate Bank	2768994	ldo.kannur@syndicatebank.co.in	http://kannur.nic.in/
Mobile Soil Testing Lab ,Kannur	4972764595	mstlascknr@gmail.com	
NABARD	2764713		
NIC	2700761		
Pepper Research Station, Panniyoor	(460)2227287		
Press Club Kannur	2700875		
Principal Agricultural Officer	2706154	jdaknr@gmail.com	http://www.keralaagriculture.gov.in
PWD Rest House, Thalassery	(490)2320468		
Raidco	2700663;2700276	info@raidco.in	www.raidco.in
RATTC, Taliparamba	(460)2203151	ddarattpba@yahoo.com	
RAIDCO, Kannur	2700663	raidcoiritty@gmail.com	
RDO Thalassery	(490)2343500		
SAGL Taliparamba	(460)2205773	saglkannur@gmail.com	
Soil Conservation Office	(460)2768260		www.keralasoils.gov.in
State Seed Farm ,Kankole	(498)5280050	ssfkanol@gmail.com	
State Seed Farm ,Vengad	(490)2308047	vengadfarm@gmail.com	
Sugarcane Research Institute	2705054		
T x D Pollination Unit Chalode		txdchalode@gmail.com	
VFPCCK	2708211		

KASARAGOD

STD Code : 0499

Asst. Ex. Engineer Agri.	4225570		
Asst. Soil Chemist	4227428		
Cashew Development Officer	4262272		
Coconut Research Station, Nileshwar	(467)2280358		
College of Agriculture, Padannakkad	(4672)280616		
Dist. Planning Officer	255313		
Dy. Director, Economics and Statistics	256474	ddksd.des@kerala.gov.in	http://www.ecostat.kerala.gov.in
CPCRI	4232893;4232894; 4232895; Fax : 4232322		
District Poverty Alleviation Units	255944	podrdaksd@gmail.com	http://www.rdd.kerala.gov.in
District Insurance Office	226027	dioksd.ins@kerala.gov.in	http://www.insurance.kerala.gov.in
Kerala state Ground Water Dept Kasargod	4255392	gwdksd@gmail.com	www.groundwater.kerala.gov.in
Deputy Director, Dairy Development	4255475	dddairyskd@gmail.com	www.dairy.kerala.gov.in
District Animal Husbandry Officer	4255483	dahoksgd@kerala.nic.in	https://ahd.kerala.gov.in
District Collector	4256400		
District Co-op. Bank	4220118		
District Development Office For SC	04994-256162	ddoscksd14@gmail.com	https://scdd.kerala.gov.in
District Information Officer	4255145	dioksgd@gmail.com	

District Panchayat Office	4256277;4255633		www.lsgkerala.in/kasaragod
District Soil Conservation Officer	4256658		www.keralasoils.gov.in
District Soil Survey Officer	4257450		www.keralasoils.gov.in
District Supply Office	9188527328,		
	4255138	dsokgd.sch@kerala.gov.in	http://civilsupplieskerala.gov.in
District Veterinary Hospital	4230184		
Dy. Director, Fisheries	(467)2202537		
Lead Bank (Syndicate Bank)	4230170	ldokasargod@gmail.com	http://kasargod.nic.in/
NABARD	4220427		
Principal Agricultural Officer	9383472400, 4255346;		
	Fax : 4255346	paoksd1@gmail.com	http://www.keralaagriculture.gov.in
RARS, Pilicode	(467)2260632		
Raidco Kerala Limited	4230406;	raidcokasargod@gmail.com;	
	2204770	raidcokanhangad@gmail.com	www.raidco.in
KVK (CPCRI)	4232993		
Extension Training Centre, Vorkady	8202203		

UNIVERSITIES

KERALA AGRICULTURAL UNIVERSITY

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Prof & Head, CGSAFED, Vellanikkara Dr. Binoo P. Bonny	0487-2438455	9447406793	genderstudies@kau.in
Prof & PL, IPR Cell, Dr. C.R.Elsy	-	9447878968	iprcell@kau.in
Prof & Head, FRC, Vellanikkara Dr. Shobana A.	0487-2373242	9446041607	prevka@kau.in
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College of Agriculture, Padannakkad Kasargod-671328	0467-2280616	adpad@kau.in
College of Forestry, Vellanikkara, Thrissur-680656	0487-2438402	deanforestry@kau.in
College of Co-op. Banking &	0487-2438502	adccbm@kau.in

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3	Agriculture University Kota Website: http://aukota.org Email: vcaukota@gmail.com	Borkhera, Kota-324001	0744--2207212
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8	Birsa Agricultural University Website: http://www.baujharkhand.org Email: vc_bau@rediffmail.com Fax: 0651-2450850	Kanke, Ranchi-834006, Jharkhand	0651-2450500
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13	Chhattisgarh Kamdhenu Vishwavidyalaya Website: http://cgkv.ac.in	Anjora, Durg, Chhattisgarh 491001	0788-2623465
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47	Sri Venkateswara Veterinary University Website: http://www.svvu.edu.in Email: prabhakarvrao@yahoo.com Fax:0877-2249222	Admn office, Regional Library Building, Tirupati-517502	0877-2248986
48	Swami Keshwanand Rajasthan Agricultural University Website: http://www.raubikaner.org Email: vcrau@raubikaner.org Fax:0151-2250336	Bikaner-334006, Rajasthan	0151-2250443, 2250488
49	Tamil Nadu Agricultural University Website: http://www.tnau.ac.in Email: vc@tnau.ac.in Fax:0422-2431672	Coimbatore-641003, Tamil Nadu	0422-2431788, 2431672
50	Tamil Nadu Fisheries University Website: http://www.tnfu.org.in	Nagapattinam-611 003, Tamil Nadu	04365-253011
51	Tamil Nadu Veterinary & Animal Science University Website: http://www.tanuvac.ac.in Email: vc@tanuvac.org.in , karanmgk@gmail.com Fax:0444-225551576	Chennai-600051, Tamilnadu	044-25551574, 25551575

52	University of Agricultural Sciences, Bangalore Website: http://www.uasbangalore.edu.in Email: vc@uasbangalore.edu.in , knarayanagowda@yahoo.co.in Fax: 080-23330277	Bellari Road, Vignanakendra Bengaluru-560065, Karnataka	080-23332442
53	University of Agricultural Sciences, Dharwad Website: http://www.uasd.edu Email: vc_uasd@rediffmail.com Fax: 0836-2448349	Dharwad-580005, Karnataka	0836-2447783,
54	University of Agricultural Sciences, Shimoga Website: http://www.uasbangalore.edu.in/asp/agriShimoga.asp	Shimoga, Karnataka	0818-2267070
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59	Uttar Banga Krishi Viswavidyalaya Website: http://www.ubkv.ac.in Email: vcubkv@gmail.com , vcubkv@rediffmail.com Fax: 03582-270249	P.O. Pundibari, Dist. Coach Bihar- 736165, West Bengal	03582270141, 270013
60	Vasant Rao Naik Marathwada Agricultural University Website: http://www.mkv2.mah.nic.in Email: vcmau@rediffmail.com Fax: 02452-223582	Parbhani-431402, Maharashtra	02452-223002
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1. ICAR-Indian Agricultural Research Institute, New Delhi
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3. ICAR-Indian Veterinary Research Institute, Izatnagar
4. ICAR-Central Institute on Fisheries Education, Mumbai

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1. ICAR-Central Island Agricultural Research Institute , Port Blair
2. ICAR-Central Arid Zone Research Institute, Jodhpur
3. ICAR-Central Avian Research Institute, Izatnagar
4. ICAR-Central Inland Fisheries Research Institute, Barrackpore
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12. ICAR-Central Institute of Freshwater Aquaculture, Bhubneshwar
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32. ICAR-Indian Grassland and Fodder Research Institute, Jhansi
33. ICAR-Indian Institute of Agricultural Biotechnology, Ranchi
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56. ICAR- Indian Institute of Millets Research, Hyderabad
57. ICAR- Indian Institute of Oilseeds Research, Hyderabad
58. ICAR- Indian Institute of Oil Palm Research, Pedavegi, West Godavari
59. ICAR- Indian Institute of Water Management, Bhubaneswar
60. ICAR-Indian Institute of Rice Research, Hyderabad
61. ICAR- Central Institute for Women in Agriculture, Bhubaneswar
62. ICAR-Central Citrus Research Institute, Nagpur
63. ICAR-Indian Institute of Seed Research, Mau
64. ICAR-Indian Agricultural Research Institute, Post Box No. 48, Hazaribag 825 301, Jharkhand
65. ICAR-National Institute for Plant Biotechnology, New Delhi

National Research Centres - 14

1. ICAR-National Research Centre for Banana, Trichi
2. ICAR-National Research Centre for Grapes, Pune
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12. ICAR-National Research Centre on Yak, West Kameng
13. ICAR-National Centre for Integrated Pest Management, New Delhi
14. Mahatma Gandhi Integrated Farming Research Institute ,Motihari

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1. ICAR-National Bureau of Plant Genetics Resources, New Delhi
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22	Pozhikara			8086395132

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31	Sabarimala Sathram			8086395138

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42	Kanjirappalli			8086395152

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52	Kalamasseri			
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88	Alathoor			8086395182
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96	Vadakkancheri			8086395182
97	Nenmmara			8086395182
98	Kottayi			8086395182
99	Cherupulasseri			8086395181

Malappuram

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101	Thiroor			8086395187
102	Thanoor			8086395187
103	Valayankulam			8086395187
104	Ponnani			8086395187
105	Parappanagadi			8086395187
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112	Arikkode			8086395185
113	Edvanna			8086395185
114	Kottaykal			8086395185

115	Malappuram		8086395185
116	Nilamboor		8086395185
117	Manjeri		8086395185

Kozhikode

118	Nadapuram		8086395192
119	Kuttiyadi		8086395192
120	Vadakara		8086395192
121	Balusseri		8086395192
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124	Farok		8086395191
125	Kunnamangalam		8086395191
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135	Mattannor		8086395195
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153	Badayadukka		8086395205
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Kerala House Mumbai	022-27810106, 27810112	022-27810124
Kerala House, New Delhi	011-30411411	

AGRICULTURAL RELATED PROGRAMMES THROUGH RADIO AND TV

Meida	Programme	Day	Time
All India Radio	Vayalum Veedum	Monday to Friday	6.50 pm
	Agricultural News	Every Day	7.05 am
Ananthapuri FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	6.00pm
Devikulam FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.30 - 5.45 pm
Kochi FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.45 - 6.00 pm
Mancheri FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.30 - 5.45 pm
Kozhikodu Real FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.15 - 5.30 pm
Kannur FM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.30 - 5.45 pm
Thrissur FM & AM	Njattuvela	Monday, Tuesday, Wednesday Thursday	5.30 - 5.45 pm
Doordarsan	Krishidarsan	Monday to Friday	5.30 pm
	Noorumeni	Sunday	9.30 am
Kairali News	Noorumeni	Saturday	3.30 AM
Asianet	Kissan Krishideepam	Saturday Sunday	7.30 am
Asianet News	Kissan Krishideepam	Monday	4.30 pm
Jaihind	Mannum Manushyanum	Sunday Saturday	9.30 am 6 am
Jeevan	Harithakeralam	Monday to Friday	5.30 pm
Mathrubhumi	Krishibhoomi	Monday to Friday	3.30 pm, 6.30 am
Manorama	Nattupacha	Saturday	5.30 pm
Media One	Njaattuvela	Monday, Tuesday	4.00 pm
Kaumudi TV	Haritham Sundaram	Sunday, Monday, Tuesday, Friday Saturday	12.35pm 4pm 7.35 pm 8pm 10pm
Janam	Nattuvarampu	Sunday	4.30 pm

STATE GOVERNMENT HOLIDAYS - 2021

January	2	Mannam Jayanthi	Saturday
January	26	Republic Day	Tuesday
March	11	Sivarathri	Thursday
April	1	Maundy Thursday	Thursday
April	2	Good Friday	Friday
April	4	Easter	Sunday
April	14	Vishu/Dr.B.R.Ambedkar Jayanthi	Wednesday
May	1	May day	Saturday
May	13	Id-ul Fitr (Ramzan)*	Thursday
July	20	Id-ul-Ad'ha (Bakrid)*	Thursday
August	8	Karkkadaka Vaavu	Sunday
August	15	Independence Day	Sunday
August	19	Muharram*	Thursday
August	20	First Onam	Friday
August	21	Thiruvonam	Saturday
August	22	Third Onam	Sunday
August	23	Fourth Onam/ Sree Narayana Guru Jayanthi	Monday
August	28	Ayyan Kali Jayanthi	Saturday
August	30	Sreekrishna Jayanthi	Monday
September	21	Sree Narayana Guru Samadhi Day	Tuesday
October	2	Gandhi Jayanthi	Saturday
October	14	Mahanavami	Thursday
October	15	Vijayadasami	Friday
October	19	Milad-i-Sherif* (Birthday of Prophet Muhammed)	Tuesday
November	4	Deepavali	Thursday
December	25	Christmas	Saturday

* Subject to change depending on the sighting of the Moon

KERALA AT A GLANCE

Location : North Latitude Between 8° - 18' and 12° - 48'
East Longitude Between 74° - 52' and 77° - 22'

Area	-	38,863 Sq.Km.
Percentage of Area to the area of Indian Union	-	1.18
Length of Coastal Line	-	580 KM
Highest Peak	-	Anamudi (2694 metres)
West flowing rivers	-	41 Nos
East flowing rivers	-	3 Nos
Districts	-	14 Nos
Taluks	-	75 Nos
Revenue Village	-	1535 Nos
Panchayat	-	941 Nos
Corporations	-	6 Nos
Municipalities	-	86 Nos
M.L.A.s Elected	-	140 Nos
Nominated	-	1 No
M.Ps Lok Sabha	-	20 Nos
Nominated	-	1 No
Rajya Sabha	-	9 Nos
Community Development Blocks	-	152 Nos

Population 2011 Census

Total population (lakhs)	-	334.06
Male population (lakhs)	-	160.27
Female population (lakhs)	-	173.78
Rural population (lakhs)	-	174.71
Urban population (lakhs)	-	159.34
Increase of population (%)	-	4.9
Density per sq.km.	-	860
Sex ratio (Females per 1000 males)	-	1084
Literacy(%)	-	94%
Male Literacy(%)	-	96.1%
Female Literacy (%)	-	92.1%

* Source : www.kerala.gov.in

LIVESTOCK POPULATION - 2019

Cattle	-	1341996
Buffaloes	-	101504
Goat	-	1359161
Pig	-	103863
Sheep	-	1482
Fowls	-	27165606
Duck	-	1776503
Other Poultry	-	829796
Rabbits	-	92693

Land Use (2018-2019) Area in hectares

Total Geographical Area	-	3886287 Ha
Forests	-	10815 sq km
Land put to non-Agri use	-	454047
Barren and uncultivable land	-	10281
Permanent pastures and other grazing land	-	0
Land under miscellaneous tree crops	-	2118
Cultivable Waste	-	96496.7
Fallow other than current fallow	-	45541
Current fallow (up to one year)	-	57464
Net area sown	-	2033631
Area sown more than once	-	537470
Total cropped area	-	2571101

Source : Department of Economics & Statistics

OPERATIONAL HOLDINGS (2015-2016)

Sl.No.	Size of Holding (ha)	Number	Area(ha)
1.	Below 1.00	7333248	856074
2.	1.00-1.99	181372	242336
3.	2.00-3.99	55744	141685
4.	4.00-9.99	11274	60007
5.	10.00 and above	1858	94833
	Total	7583496	1394936

Source: Directorate of Economics and Statistics

District Wise Number & Area of Individual operational holdings(2015-16)

SI No	District	Number of operational holdings				Area of operational holdings (in Ha)			
		Individual	Joint	Institutional	All	Individual	Joint	Institutional	All
1	Kasargod	271563	213	4444	276220 [3.64%]	76228.29	161.19	2369.52	78759.31[5.65%]
2	Kannur	553870	1065	4100	559035 [7.37%]	108363.62	572.49	3835.3 8	112771.48 [8.08%]
3	Wayanad	187745	1917	2475	192137 [2.54%]	69285.79	1675.75	17845.21	88806.76 [6.37%]
4	Kozhikode	679771	2314	5129	687214 [9.06%]	91887.07	964.60	2552.63	95404.29 [6.84%]
5	Malappuram	810892	3319	6360	820571 [10.82%]	121315.15	1038.53	7128.42	129482.10 [9.2 a%]

6	Palakkad	600057	871	6167	607095 [8%]	132290.83	762.56	6056.03	139109.42 [9.97%]
7	Thrissur	714661	877	4194	719732 [9.5%]	94342.44	631.50	3450.26	98424.20 [7.06%]
8	Ernakulam	701537	2110	7784	711431 [9.38%]	98111.19	783.25	5343.92	104238.36 [7.47%]
9	Idukki	269862	807	3636	274305 [3.62%]	104602.18	339.87	42782.15	147724.20 [10.59%]
10	Kottayam	433903	416	3261	437580 [5.77%]	108496.50	445. a9	4066.76	113009.15 [8.11%]
11	Alappuzha	517696	882	4756	523334 [6.9%]	65775.85	694.55	2823.57	69293.98 [4.97%]
12	Pathanamthitta	306089	253	2498	308840 [4.07%]	62685.37	143.22	1562.79	64391.38 [4.62%]
13	Kollam	635963	75	4770	640808 [8.45%]	72528.40	21.18	1782.36	74331.94 [5.32%]
14	Thiruvananthapuram	321282	10	3902	825194 [10.8 8%]	76183. 89	3.52	300 2.78	79190.19 [5.67%]
State total		7504891	15129	63476	7583496 [100%]	1232096.56	8238.09	104602.08	1394936.74 [100%]

Area and production of major crops in 2018-19 in Kerala

Crop	Area (in Hect)	Production (in MT)
Paddy!!	198026.21	578256.00
Tapioca	61874.16	2325007.31
Coconut*	760946.8	5299.00
Pepper	82761.41	36776.00
Cashew	38780.66	15635.06
Rubber	551115	540775.00
Groundnut	187.3	239.40
Sesamum	377.66	157.75
Cotton#	59.4	89.51
Pulses	2489.49	2299.92
Ginger (Dry)	3275.09	15124.03
Turmeric	2483.71	6693.93
Banana	52898.61	429060.00
Tobaco	7.28	11.65
Total Cereals	203490.05	578875.86
Arecanut	95739.29	99924.96
Coffee	84976	64676.00
Tea	36473.93	60760.00

Source: Directorate of Economics and Statistics

!! Production in rice

* Production in million number

Production in bales of 170kg

FUNCTIONS /ACTIVITIES OF DEPARTMENTS AND INSTITUTIONS

AGRICULTURE

AGRICULTURE DEVELOPMENT AND FARMERS' WELFARE DEPARTMENT

AT A GLANCE

Agriculture Development and Farmers' Welfare Department in its present set up is functioning from 1987 for the overall Development of agriculture sector in the state.

VISION

The vision of the Department is to attain self-sufficiency in food production through enhanced agricultural productivity of agricultural commodities so as to make agriculture a sustainable and viable vocation providing livelihood support.

MISSION

The mission of the Department is as follows:

- Safeguard the interest of farmers, ensure food and nutritional security and support Kerala's Agricultural economy.
- Achieve targeted growth rate for agriculture sector by successful implementation of various Schemes.
- Protect farmers from risk through risk management cover and from unfair and deceptive business practices.
- Encourage investment in agriculture.
- Ensure the safety of agricultural products by ensuring supply of quality agricultural inputs.
- Conserve and protect the state's agricultural and natural resources by promoting environmentally safe agricultural practices.
- Promote primary processing, value addition
- Use of technology

FUNCTIONS

The major functions of the Department of Agriculture are:

- Planning, implementation and monitoring of the state and central scheme for agriculture development, taking Grama Panchayat as the basic unit.
- Agricultural extension and transfer of technology and giving recognition to farmers for their outstanding efforts in producing maximum output from unit area.
- Production and distribution of improved seed and planting materials and organizing a sustainable seed programme and quality control of inputs like seeds, fertilizers and pesticides.
- Promotion of value addition, mechanization and eco friendly practices in agriculture.
- Providing market infrastructure through liaison with national organizations in the field of agriculture and also with different development agencies, Commodity Boards etc.
- Assessment of crop situation from time to time and reporting the crop losses due to natural calamities and disbursement of assistance and providing crop insurance cover to farmers.
- To take adequate steps for the farmers to secure remunerative prices for their produce.
- To evolve a cropping strategy inclusive of multiple cropping and mixed farming for maximum and sustainable use of natural resources aimed at integrated development of farm holdings.
- Ensuring the timely availability of the relevant technology, inputs and credit to farmers and organizing community efforts among them for agricultural operations.

The above functions are mainly catered through 1081 Krishi Bhavans at panchayath level and 151 Assistant Director of Agriculture offices at block level and also through the 14 Principal Agricultural Offices at district level. In addition to the above the training centres, quality control laboratories, soil testing laboratories, Agmark lab, district farms and seed farms etc also supports the activities of the Department.

FARM INFORMATION BUREAU

The Farm Information Bureau (FIB) was established by reorganizing the information wings of Agriculture and Animal husbandry department in 1969. It acts as a nodal agency to provide information support to agricultural extension and promotion of various activities/events of the Agriculture Development and Farmers Welfare, Animal Husbandry and Dairy Development

departments. The headquarters of Farm Information Bureau is at Thiruvananthapuram.

The Farm Information Bureau has five divisions viz; Kerala Karshakan Division, Media Liaison Division, Information Technology & Video Production Division, Publication Division and Administration & Accounts Division. The FIB has two regional Offices at Ernakulum and Kozhikode headed by Senior Agricultural Officer/Assistant Director of Agriculture. FIB has an advisory committee under the Chairmanship of Agricultural Production Commissioner.

The FIB takes up the propaganda works of Agriculture and allied departments to help the farming community in availing various benefits offered and also about the activities/events of the Agriculture Development and Farmers Welfare, Animal Husbandry and Dairy Development departments. FIB is doing different extension methods for disseminating scientific knowledge to the farmers and public. The major activities of Farm Information Bureau include the following;

The “Kerala Karshakan” magazine was published since 1954 by the Agricultural information wing of Agriculture Department of Travancore- Cochin State and is being continued regularly by FIB from 1969 onwards. The FIB is also publishing Kerala Karshakan, English e-journal and is available in www.fibkerala.gov.in. Farm Photography Awards and Essay & Short Story and Video Contest is also organizing every year.

The Farm Information Bureau is an agency to provide the print and visual media with day to day press release related to agriculture activities/events/new initiatives, coverage of all programmes of Hon’ble Minister of Agriculture and that of other Ministers of agriculture related sectors and prepares news to media. Publicity/coverage of state level programmes/ all major schemes, functions/events of the department/award ceremonies by designing banners/WhatsApp posters/logos and also design and prepare the advertisement and publish/telecast the same through print and visual media AIR, community radio & FM channels and through other extension techniques are also taken up with the active participation of regional offices of FIB. Arranging press conferences for Hon’ble Minister for Agriculture, preparation of press notes and other related activities are carried out by FIB.

The “Farm Guide” is published every year which contain all basic data and technical information related to agriculture and allied sectors. Other information materials like leaflets, booklets, brochures, posters, technical bulletins, etc. for the farming community are also published.

A radio programme, entitled ‘Njattuvela’ by FIB is being broadcast through FM channels and Akashvani Thrissur Station on Monday, Tuesday, Wednesday and Thursday every week. Farm News over radio with the co-operation of the All India Radio is another regular activity. Campaign activities in national and international exhibitions/events, including IITF New Delhi and organizing Kissan Melas at specific locations are also cover under the activities of FIB.

The FIB is also producing short videos of agriculture and allied subjects of recent importance/videos as part of various events by the department, etc. regularly. A video programme titled “Noorumeni” is producing and telecast through Dooradarshan and Kairali News TV channel regularly. The website www.fibkerala.gov.in is providing information on current activities of the departments.

STATE BIO-CONTROL LAB, MANNUTHY

The Bio-control Lab, Mannuthy in Thrissur district is functioning under the Department of Agriculture with the aim of producing maximum quantity of bio-control agents and distributing to the farmers at reduced price. Biocontrol agents such as Trichogramma (Tricho cards @Rs.45/cc) to control Rice leaf folder, American boll worm, Pink boll worm, Rice yellow stem borer, Tomato fruit borer; Trichoderma viride (Rs.105/kg) to control most of the soil and seed borne plant pathogens; Pseudomonas fluorescens (Rs.75/kg) to control fungal and bacterial diseases, chitin enriched Pseudomonas (Rs.90/kg) to control leaf roller of paddy; Beauveria bassiana (Rs.75/kg) to control rice bug, BPH, coleopteran borers etc. Verticillium lecanii (Rs. 75/kg) to control soft bodied insects are produced here.

BIO-TECHNOLOGY AND MODEL FLORICULTURE CENTRE

The Centre is equipped with a tissue culture laboratory carrying out micro propagation work in Banana, Orchids, Anthurium, Pepper and Vanilla. A sales counter for sale of planting materials and seeds produced in Departmental Farms, a mobile sales unit for sale of Departmental products like Jam, Jelly, Squash etc. apart from planting materials is also functioning here.

KERALA CENTRE FOR PEST MANAGEMENT

The Pest Surveillance Unit under the Department of Agriculture at Mancompu in Alappuzha district is functioning with the aim of making farmers aware of need based plant protection activities. This unit undertakes pest and disease surveillance in paddy fields by adopting scientific techniques such as Light Trap Survey, Fixed Plot Survey and Rapid Rowing Survey.

STATE HORTICULTURE MISSION – KERALA

State Horticulture Mission - Kerala is a Society registered under Travancore Cochin Literary Scientific and Charitable Societies Act, 1955 in October 2005 for the implementation of National Horticulture Mission (NHM), a centrally sponsored scheme, which has been restructured as the Mission for Integrated Development of Horticulture from 2014-15 onwards.

The main objective of MIDH is end to end holistic development of the horticulture sector covering fruits, mushroom, medicinal plants, spices, flowers, aromatic plants and plantation crops. The main stakeholders of the programme are farmers, SHGs, KVKs, NGOs, Department of Agriculture, KAU, Commodity Boards, Private entrepreneurs, PSUs, etc.

The Mission programmes are implemented in all the districts. The crops identified for development under the Mission are Mango, Banana, Pineapple, Pepper, Ginger, Turmeric, Nutmeg, Cashew, Cocoa and flower crops. Bee keeping, vegetable seed production and Mushroom cultivation are also included in the programme.

The implementation of the State Horticulture Mission programmes is monitored in the State level by the Executive Committee chaired by the Agricultural Production Commissioner and also the Governing Body under the Chairmanship of Minister for Agriculture Development and Farmers' Welfare. At the district level, District level Committee is constituted for implementing and monitoring of SHM programme under the Chairmanship of District Collector. The Deputy Director of Agriculture (H) of districts is the member secretary of the District level committee.

Schemes implemented by SHM-Kerala during 2020-21

Mission for Integrated Development of Horticulture (MIDH)

During 2020-21, SHM-Kerala is implementing MIDH programme for an amount of Rs. 40.1932 crore. The important programmes under the Mission include production and productivity improvement, post harvest management and marketing. The components under production and productivity improvement are establishment of nurseries for production of planting materials, establishment of new gardens, rejuvenation of existing plantations, protected cultivation, horticulture mechanization, technology dissemination and bee keeping.

The important programmes included under post harvest management are establishment of integrated pack houses, sorting and grading units, cold storage, etc. Under the marketing development, establishment of rural markets, functional infrastructure for collection and grading, strengthening of wholesale market, market intelligence, extension quality awareness and market led extension activities for fresh and processed foods are envisaged. The scheme is ongoing.

Programmes with the financial assistance of Rashtriya Krishi Vikas Yojana (RKVY)

During 2020-21, SHM-Kerala is implementing two projects with the financial assistance of Rashtriya Krishi Vikas Yojana (RKVY) viz., 1) Promotion of Mushroom Cultivation Units in Kerala to motivate farmers especially women entrepreneurs to take up mushroom farming. It is proposed to establish 500 units in all the 14 districts of Kerala with an assistance of Rs. 11,250/- per unit and total financial target of Rs. 56.25 lakh.

2) **Establishment of New Jaggery Production Units in Idukki** to be implemented by 12 progressive sugarcane farmers having at least 10 cents of land in Marayoor and Kanthalloor Panchayats. The total financial assistance is Rs. 26.88 lakh @ Rs. 2.24 lakh per unit.

Paramparagat Krishi Vikas Yojana (PKVY)

Paramparagat Krishi Vikas Yojana (PKVY), an elaborated component of Soil Health Management of major project National Mission on Sustainable Agriculture (NMSA) aims at promoting organic farming through adoption of organic village by cluster approach and Participatory Guarantee System (PGS) Certification. GoI have accorded administrative approval for the implementation of PKVY scheme covering 500 clusters, by SHM-K for a total outlay of Rs 7549.75 lakhs covering 3 years. The Second Phase of PKVY scheme covering 500 clusters is being implemented in the state jointly by SHM-Kerala, Department of Agriculture and Vegetable & Fruit Promotion Council, Kerala (VFPC). Total assistance for 500 clusters for the second year of implementation is Rs. 2493.55 lakh. The implementation is in progress.

Establishment of Centre of Excellence under Indo - Dutch Action Plan

Government of Kerala has decided to set up a Centre of Excellence in Floriculture and Olericulture in an area of 5 Ha. at Wayanad with technical support from the Dutch Government. It will cater to the needs of the farmers across the country, by imparting the required skills, knowledge and training in Hi-tech cultivation of flowers and vegetables, besides providing the required planting material of high yielding varieties. The total project cost comes to Rs. 13.00 Crore with Rs. 7.04088 Crore from the MIDH component, Rs. 4.00 Crore from Rebuild Kerala Initiative (RKI) and Rs. 1.958 Crore from other sources.

KISSAN KERALA PROJECT

KISSAN KERALA (Karshaka Information Systems Services And Networkin) is an integrated, multi model, ICT enabled agricultural extension system of the Department of Agriculture, Govt. of Kerala. The project was conceived, developed, implemented and managed by the Indian Institute of Information Technology and Management – Kerala (IIITM-K) an autonomous institute established by Govt. of Kerala.

Major Services and Activities of KISSAN

A. Kissan Krishideepam : Agricultural based weekly television programme

The media division under the project produces highly informative and authentic agriculture based television programme called “KISSAN-KRISHIDEEPAM”, is being telecast over a leading satellite channel called ASIANET on every Saturday at 7.30am and Sunday 7.30am and on Asianet News on Monday 4.30pm.

B. Kissan Portal based Online services (www.kissankerala.net)

C. Mobile based Agri-advisory and broadcast services

D. KISSAN ONLINE VIDEO CHANNEL

E. KISSAN ONLINE AUDIO PORTAL (Podcast Service)

WTO CELL

The WTO Cell was set up in the Agriculture Department of Secretariat in June 2004 based on the recommendation of Dr. M.S. Swaminathan Commission Report on Agricultural Trade to address the trade related concerns of agriculture in the State. The main activity of the cell is to advise the State Government on policy matters related to trade in agriculture in the context of India being a signatory to the WTO and other bilateral Agreements and also to advise the State Government on issues related to Foreign Trade Policy of Government of India with specific reference to the State's agricultural sector. The Cell draws opinion from stakeholders by conducting workshops, seminars and lectures to streamline Agricultural Policy of the State in tune with the changing policy environment. Capacity Building Programmes on WTO and FTAs are also being conducted by the Cell. It also looks into the functioning of EEC aided Wholesale Markets and establishment of Agri malls.

KERALA STATE SEED DEVELOPMENT AUTHORITY

Kerala State Seed Development Authority is a autonomous body functioning under Department of Agriculture & Farmer's Welfare, Government of Kerala. It was registered on 24th May 2000 under Travancore-Cochin Literary Scientific and Charitable Societies registration act 1955. The main objectives of Kerala State Seed Development Authority is to carry out activities for promoting multiplication, production, procurement, processing and marketing of paddy seeds. The seed production programme is carried out with the co-operation of Kerala Agricultural University, State seed farms, Krishibhavadans and farmers of Registered Seed Growers Programme at Panchayath level. Currently the scheme is being implemented in Malappuram, Palakkad, Thrissur, Ernakulam and Alappuzha districts in an area of 2500 Ha per year. Presently Kerala State Seed Development Authority is handling 12000 MT of paddy seeds. Kerala State Seed Development Authority also has three godown

VEGETABLE AND FRUIT PROMOTION COUNCIL KERALAM (VFPCK)

The mandate of the Vegetable and Fruit Promotion Council is to support the commercial fruit and vegetable growers in Kerala in various farm operations from seed to marketing in a sustainable way. VFPCK aims at improving the livelihood of farmers by improving vegetable and fruit production and ensuring fair price to their produce through extension activities and financial & infrastructure support. The 11 membered Board of Directors chaired by the Hon'ble minister for Agriculture Development and Farmers Welfare including four farmer representatives acts as the governing body of VFPCK

The Self Help Groups conceptualised by the Council form the basic units of all interventions like Agriculture Extension, Rural credit, Group Marketing and Value addition. Credit facility is made available to lease land farmers under VFPCK Credit Package by an MoU executed with 10 nationalised commercial banks. Insurance package is also implemented to support the farmers in wake of calamity. Trainings with participatory techniques are duly imparted to farmers and study tours, interactions, exhibitions etc are conducted to empower the farmers to undertake a sustainable production system. Swasraya Karshaka Samithies are formed in production centres to market the produce of farmers directly by avoiding middlemen and currently 288 swasraya karashaka samithis are functioning under VFPCK throughout the state. 'Thalir' a premium branded outlet for fruit, vegetables and value added products have been initiated at Kadappakada and Kottarakkara, Kollam.

Seed Processing Plant at Alathur produces 17 items of vegetable seeds through 189 registered seed growers who are trained for seed production. A tissue culture lab also functions in the same premises to ensure quality planting material supply of fruit plants and TC plantlets. **A Hitech plug seedling nursery** with a production capacity of 2 crore seedlings a year is com-

missioned at Nadukkara, Ernakulam which can cater the vegetable seedling requirement of the state.

Safe to Eat/Organic farming : Participatory Guarantee System (PGS) of certification is being implemented by forming local groups who are mutual guarantors of organic cultivation. RCOF (Regional Centre for Organic Farming) has accepted VFPCCK as RC (Regional Council). PGS Green Certification have been awarded to eligible farmers.

Krishni Business Kendra (KBK) : A one stop shop for quality planting materials, seeds and seedlings, organic manures, growth regulators, bio-control agents, farm equipments, grow bags and organic pesticides are arranged for sale at KBKs functioning in Ernakulam, Thiruvananthapuram and Kasargod. An organic input production unit also initiated at KBK, Ernakulam.

Soil Testing Lab -

Full fledged soil testing labs (with yearly 4000 samples/lab testing capacity) for soil testing, water testing, organic manure testing and leaf tissue analysis for nutrient deficiency check is functioning at Malappuram and Alappuzha

RKI Scheme-“Strengthening Market Network in Kerala

The Project on **“Strengthening Market Network in Kerala** under RKI envisages VFPCCK to support farmers in the production of safe to eat fruits and vegetables, strengthen and modernize existing farmer markets for fruits and vegetables and will provide ample support for diversification of marketing activities from its present status of primary trading to include primary and secondary processing, value addition and supply chain development ensuring better price realization to farmers and quality produce at reasonable price to consumers by establishment of 7 primary processing centres, 63 ecoshop model outlets, Centralised Vegetable and Fruit Processing & Marketing Centre (VFPMC) at Kakkanad. The first VFPCCK-MILMA collaborative kiosk initiated at Edappally, Ernakulam and two Thalir Green ecoshops each initiated in Ernakulam and Thrissur.

VFPCCK as State Nodal Agency For Export :

VFPCCK is designated as the state nodal agency for implementing Agri Export Policy and hence in liaison with APEDA and other related agencies in the state have prepared a state action plan worth Rs 467.11 crores and submitted to APEDA and to the Ministry of Commerce through government. Accordingly state level institutional mechanism have been constituted and Cluster level institutional mechanism is in progress. A central sector scheme with a budget outlay of Rs 883 lakhs have been submitted for Product clusters of Banana, Cardamom, Pepper and Turmeric. VFPCCK will develop a sea-shipment protocol with the support of NRCB Trichi and other stake holders.

INTERNATIONAL RESEARCH AND TRAINING CENTRE FOR BELOW SEA LEVEL FARMING, KUTTANAD

The institute was established in 2015, in response to declaration of Kuttanad as Globally Important Agricultural Heritage System(GIAHS), by FAO of the United Nations, in appreciation of the stupendous contribution of the industrious farmers if Kuttanad who have developed a Below sea level rice Farming systems. The major mandate of the institute include interdisciplinary research on climate resilient farming, Biodiversity based conservation prospecting, Germplasm banking etc combining Agriculture, Animal husbandry and Aquaculture subsystems.

The institute is mandated to function in liaison with the National and international community of farmers and scientists with the ultimate objective of increasing productivity and diversity in coastal agro ecosystems with focus on improving livelihoods, in the context of climate change by stimulating participatory research , training and communication programs.The mission of the institute is to develop and promote sustainable farming systems in coastal wetlands that reduces vulnerability to climate change, sea water intrusion, tidal and reverine floods, pests, pathogens and such other problems through innovations that safeguard, stabilize and enhance natural resource capital, soil health, biological systems by stimulating partnership based research.

The Research and Development programs taken up by the institute inter alia include Farmer participatory research and demonstrations on Rice based Farming system models, Climate resilient adaptation farming viz., 1. Floating raft farming through utilization of aquatic weeds for floating agriculture , Open water Aquaculture, Weeds Utilization in Agri- Aqua production systems, waste utilization Inventory and documentation of agro biodiversity tolerant to climate stress, viz., salinity , water logging, sub soil acidity etc.

- The centre has also been involved in long term investigations on environmental surveillance of Kuttanad ecosystem, by continuous monitoring of water quality, and studies on salinity intrusion and its implications on hydrobiology of the Vembenad wetland systems.
- Apart from this the centre is also involved in Externally Aided Project viz., Innovative Approaches to Climate Resilient Farming :Bio saline Agriculture and Open water fish farming in Munro Island, Kollam ,Kerala.
- The crop calendar prepared by this Centre for stream lining rice cultivation in Kuttanad has been approved by the Government.

Aims of this Centre

- To facilitate a participatory research and communication system that promotes sustainable farming in coastal wetlands that reduces vulnerability to climate change, sea water intrusion, acidity, recurrent tidal and reverence floods, pests, pathogens and such other problems through innovations that safeguard, stabilize, and enhance natural resource capital, soil health and biological systems diversity.
- To promote partnership-based research and training that work closely with a wide array of national and international partners.
- To develop a global collaborative network for systematic investigations and information sharing on climate resilient farming, adaptation farming and Germplasm conservation by embedding local, national and international partners.
- To facilitate research on farming system development and land use management in the coastal zone and globally important agricultural heritage system.
- To develop an institutional system for conservation, preservation, and development of traditional knowledge, cultural and agricultural heritage systems of Kuttanad.
- To promote research and training in the fields of below sea level farming, open water farming, biodiversity based farming and conservation prospecting to mitigate the effects of environmental degradation, loss of biodiversity, land degradation etc. in the context of global climate change and sea level rise.
- To strengthen and conserve plant and animal genetic resources for their enhanced use in adapting to climate change.
- To function as an organization to advise the Government on formulation of policies, strategies and measures for implementation of projects for environmentally sustainable natural resource management and farming system development in coastal lands.

SMALL FARMER'S AGRI BUSINESS CONSORTIUM, KERALAM (SFAC)

SFAC is currently implementing schemes for promotion of Agribased micro, small and medium Value Addition Projects in the state. SFAC also supports Value Addition Ventures by providing technology support and organizing training programmes and awareness camps.

Karshika Vivara Sanketham – Agricultural Information at Finger Tip : www.krishi.info

A call centre and a digitally empowered and most useful ICT enabled Agricultural Information hub in Kerala is being implemented by SFAC. This is a single window system to get A-Z information on Agriculture, Animal Husbandry and Dairy Sector by integrating social media tools. This is a novel, innovative project implemented on digital platform. This project envisages call centre facility for the farmers giving access through web portal, voice call (through a Toll free number), mobile apps, e-mails and social media platforms like face book, Twitter, Whats app etc.. Three mobile apps namely e – Vipani, Karshika Vivara Sanketham, karshikakeralam in google playstore are also available in this facility. It is a single window solution to the farmers of Kerala and other Stakeholders on Technical issues, Marketing (buying and selling), National and State programmes on agriculture and allied sectors, adding query and content, information about Availability of agricultural inputs and skilled labour, weather and knowledge updates etc are features of this system.

Krishni Mantri Vilipparath : 1800-425-1661

A programme entitled 'Krishni Manthri Vilipparathu' was launched on November 1st 2017 in which Hon'ble Minister for Agriculture Adv. V. S. Sunil Kumar directly with the farmers of Kerala through the facilities available at the Karshika Vivara sanketham. This programe is being conducted every month. **Call centre Number— 1800-425-1661**

KERALA AGRICULTURAL UNIVERSITY

Kerala Agricultural University, established in 1971 by KAU Act (Act 33 of 1971) is the premier and principal institution providing human resources, skills and technology for agricultural development of the State. It began functional from 1st February 1972. Governor of Kerala is the Chancellor and Minister of Agriculture is the Pro-Chancellor of the University. Vice Chancellor is the Principal Executive and Academic Officer of the University. The activities of University are controlled and guided by General Council and Executive Committee.

CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT (CWRDM)

CWRDM is a premier R & D institution in the water sector established by the Government of Kerala. Recognising the need for catering to the R & D needs in the field of water management, the Centre for Water Resources Development and Management (CWRDM) was established as an autonomous research organisation by the Government of Kerala, under its Science and Technology Policy in February 1978. The Centre was amalgamated with the Kerala State Council for Science, Technology and Environment (KSCSTE) in its Silver Jubilee Year-2003. Prof. (Dr.) K P Sudheer is the present Executive Director of CWRDM.

DIRECTORATE OF CASHEWNUT AND COCOA DEVELOPMENT

The Directorate of Cashewnut Development (DCD) was set up by Government of India on 01.04.1966, as a subordinate office of the Union Ministry of Agriculture and Farmers Welfare with the primary objective of promoting cashew cultivation in the country with a view to increase production and productivity. The Directorate of Cashewnut and Cocoa Development is presently functioning as one of the national level agencies under the Mission for integrated development of Horticulture (MIDH) and responsible for implementing, coordinating and monitoring activities relating to Cashew and Cocoa at national level. The Directorate is also responsible for organizing national level training programmes, seminars and workshops on cashew and cocoa and also the nodal agency for evaluating and accreditation cashew/cocoa nurseries. The Directorate coordinates and monitors the activities for promotion of Cashew and Cocoa between the Central and State institutes with the Ministry of Agriculture and Farmers Welfare.

The Objective & Mandate of the Directorate is as follows;

- Formulation, implementation and execution of development programmes of cashew and cocoa and to monitor the implementation of development programmes executed by the State Governments under MIDH.
- Nodal agency to give accreditation, monitor production and distribution of planting materials of cashew and cocoa in the country.
- To coordinate the activities for the promotion of these crops between the Central and State Institutes with the Ministry of Agriculture and Farmers Welfare.
- To provide adequate exposure and dissemination of technologies in the entire production sector.
- Function as a data bank on crop area, production, price trends, marketing and trade performance of export and import.
- Advisory body to recommend, watch and monitor the various aspects of crop development, marketing and by product utilization.
- Take up intensive publicity measures for dissemination of technologies among farmers by publishing literatures, pamphlets, adoption of electronic media coverage, organizing National Conference, seminars, workshops and field days at regular intervals.
- Render technical advice and suggestions to the entrepreneurs involved in the promotion of cashew and cocoa and farming community on various aspects of cultivation.
- Organize national level training programme in cashew and cocoa to the officers involved in implementing cashew and cocoa programmes in various states.

സമേതി കേരള

(സ്റ്റേറ്റ് അഗ്രിക്കൾച്ചർ മാനേജ്മെന്റ് ആൻഡ് എക്സ്ടൻഷൻ ട്രെയിനിംഗ് ഇൻസ്റ്റിറ്റ്യൂട്ട്)
കാർഷിക വികസന കർഷക ക്ഷേമ വകുപ്പ്, കേരള സർക്കാർ, വെൺപാലവട്ടം
ആനയറ പി.ഒ, തിരുവനന്തപുരം, കേരള പിൻ - 695029

സംസ്ഥാന തലത്തിൽ പ്രവർത്തിക്കുന്ന കാർഷിക പരിശീലന കേന്ദ്രമാണ് സമേതി. കേന്ദ്ര പദ്ധതിയായ ആത്മയോദ്ധ്യ ചേർന്ന് സംസ്ഥാന കൃഷി വകുപ്പിന്റെ നേതൃത്വത്തിലാണ് തിരുവനന്തപുരം വെൺപാലവട്ടം- ആനയറയിൽ, കഴക്കട്ടം കോവളം ബൈപാസ് റോഡരികിൽ സമേതിയുടെ ഓഫീസ് പ്രവർത്തിച്ചു വരുന്നത്. പ്രധാനമായും ആത്മ പദ്ധതിയുടെ വിജ്ഞാനവ്യാപന ഉദ്യോഗസ്ഥർക്കാവശ്യമായ പരിശീലനങ്ങൾ സമേതി മുഖാന്തിരം നൽകി വരുന്നു.

സമേതിയുടെ പ്രധാന ലക്ഷ്യങ്ങൾ

- 1) കൃഷി മാനേജ്മെന്റിൽ സംസ്ഥാനതല പരിശീലന കേന്ദ്രമായി പ്രവർത്തിക്കുക
- 2) കാർഷിക മേഖലയിൽ പ്രവർത്തിക്കുന്ന വിജ്ഞാനവ്യാപന വിഭാഗത്തിൽ വിഭവശേഷി ശക്തിപ്പെടുത്തുക.
- 3) പദ്ധതി രൂപീകരണം, മൂല്യനിർണ്ണയം, നിർവ്വഹണം എന്നിവയിൽ വിദഗ്ദ്ധോപദേശം നൽകുക.
- 4) അടിസ്ഥാന മധ്യനില വിജ്ഞാന വ്യാപന പ്രവർത്തകർക്ക് ആവശ്യാനുസരണമുള്ള പരിശീലനം നൽകുക
- 5) മാനേജ്മെന്റ്, ആശയവിനിമയം, പങ്കാളിത്തപ്രവർത്തന രീതികൾ എന്നിവയ്ക്കാവശ്യമായ മോഡ്യൂൾ തയ്യാറാക്കുക.

സമേതിയുടെ സംഘടനാപരമായ സജ്ജീകരണം

സമേതിയുടെ സുഗമമായ പ്രവർത്തനത്തിനായി സർക്കാർ വിവിധ കമ്മറ്റികൾ ജനറൽ കൗൺസിൽ എക്സിക്യൂട്ടീവ് കൗൺസിൽ, ടെക്നിക്കൽ സപ്പോർട്ട് ഗ്രൂപ്പ് എന്നിവ രൂപീകരിച്ചിട്ടുണ്ട്.

സമേതി ഡയറക്ടർ സമേതിയുടെ ചീഫ് എക്സിക്യൂട്ടീവ് ഓഫീസറും, മേൽപ്പറഞ്ഞ കൗൺസിലുകളുടെ മെമ്പർ സെക്രട്ടറിയുമാണ്. സമേതിയുടെ ജനറൽ കൗൺസിലിൽ കാർഷിക ഉല്പാദന കമ്മീഷണർ ചെയർമാനും, അഗ്രിക്കൾച്ചർ സെക്രട്ടറി വൈസ് ചെയർമാനും മറ്റു വകുപ്പുകളിലെ സെക്രട്ടറി, അഡി. ഡയറക്ടർ എന്നിവർ ഉൾപ്പെടെ 15 അംഗങ്ങളാണുള്ളത്. എക്സിക്യൂട്ടീവ് കൗൺസിലിൽ അഗ്രിക്കൾച്ചർ സെക്രട്ടറി ചെയർമാനും കൃഷി ഡയറക്ടർ വൈസ് ചെയർമാനും മറ്റു വകുപ്പുകളിലെ ഡയറക്ടർമാർ , അഡി. ഡയറക്ടർ ഉൾപ്പെടെ 13 അംഗങ്ങളാണുള്ളത്.

സമേതിയുടെ പദ്ധതികൾ

1. **വിഭവശേഷി വികസനം**
കൃഷി, കൃഷി അനുബന്ധമേഖലകളായ മൃഗസംരക്ഷണം, ഡെയറി, ഫിഷറീസ് എന്നീ വകുപ്പുകളിലെ ഓഫീസർമാർക്ക് ആവശ്യമായ പരിശീലനങ്ങൾ നൽകി വരുന്നു
2. **PGDAEM**
PGDAEM എന്ന ചുരുക്കപ്പേരിൽ അറിയപ്പെടുന്ന ഈ ഏക വർഷ ബിരുദാനന്തര ബിരുദ ഡിപ്ലോമ കോഴ്സ് 2013- 14 മുതൽ നടത്തപ്പെടുന്നു. മാനേജ് ഹൈദരാബാദിൽ നിന്നും നടത്തുന്ന ഈ കോഴ്സിന്റെ നോഡൽ ഏജൻസിയായി സമേതി പ്രവർത്തിക്കുന്നു ഈ കോഴ്സിനുള്ള ചുരുങ്ങിയ യോഗ്യത കൃഷി/അനുബന്ധ മേഖലകളിലെ ബിരുദമാണ്. സെമസ്റ്റർ രീതിയിൽ കോഴ്സ് നടത്തപ്പെടുന്നു.
3. **PGDPHM**
NIPHM(National Institute of Plant Health Management) ഹൈദരാബാദ് നടത്തുന്ന 2 വർഷ ബിരുദാനന്തര ബിരുദ ഡിപ്ലോമ കോഴ്സ് 2013-14 മുതൽ നടത്തപ്പെടുന്നു. സെമസ്റ്റർ രീതിയിൽ നടത്തപ്പെടുന്ന ഈ കോഴ്സിനുള്ള അടിസ്ഥാന യോഗ്യത കൃഷിയിലുള്ള അടിസ്ഥാന ബിരുദമാണ്. വിദൂര വിദ്യാഭ്യാസ രീതിയിൽ നടത്തപ്പെടുന്ന 2013-15ൽ 33 പേരും, 2014-16ൽ 30 പേരും, 2015-17 ൽ 30 പേരും, 2016-18 ൽ 18 പേരും, 2018-20 ൽ 40 പേരും രജിസ്റ്റർ ചെയ്യുകയും കോഴ്സ് പൂർത്തിയാക്കിയിട്ടുണ്ട്.
4. **നാഷണൽ ഇൻസിറ്റൂട്ട് ഓഫ് ഇലക്ട്രോണിക്സ് ആന്റ് ഇൻഫർമേഷൻ ടെക്നോളജി (NIELT)** യുമായി സഹകരിച്ച് കൃഷി വകുപ്പിലെ 60 ഉദ്യോഗസ്ഥർക്ക് ICT, സോഷ്യൽ മീഡിയ എന്നിവയിൽ അടിസ്ഥാന

പരിശീലനങ്ങൾ നൽകി. 3 ബാച്ചുകളിലായി സമേതിയിലും NIELT ലുമായി നടത്തിയ പരിശീലനത്തിൽ നിന്നും തെരഞ്ഞെടുത്ത വ്യക്തികൾക്ക് 3 മാസത്തെ അഡ്വാൻസ് ഡിപ്ലോമ ഇൻ ICT & സോഷ്യൽ മീഡിയ നൽകി വരുന്നു.

5. ക്രോപ്പ് മ്യൂസിയം

സ്റ്റേറ്റ് ഹോർട്ടികൾച്ചർ മിഷന്റെ സാമ്പത്തിക സഹായത്തോടെ സ്ഥാപിക്കപ്പെട്ട ക്രോപ്പ് മ്യൂസിയത്തിൽ ഏകദേശം 250 ഫലവൃക്ഷങ്ങളും ഔഷധസസ്യങ്ങളും 2 ഏക്കർ സ്ഥലത്ത് പരിപാലിച്ചു വരുന്നു. കദളി വനം എന്ന പേരിലുള്ള ഈ തോട്ടം വിപുലീകരിക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിച്ചിട്ടുണ്ട്.

6. DAESI (Diploma in Agricultural Extension for Input Dealers)

DAESI എന്ന ഈ പാഠ്യപദ്ധതിയിൽ ഉൾപ്പെടുത്തി 40 പേരടങ്ങുന്ന ബാച്ചുകൾക്ക് ആഴ്ചയിൽ ഒരു ക്ലാസ് വീതം 40 ക്ലാസ് റൂം സെക്ഷനുകളും 8 എക്സ്പോഷർ വിസിറ്റുകളും നടത്തുന്നു. കോഴ്സ് ഫീസ്സായ 20,000/- 50% കേന്ദ്ര ഗവൺമെന്റ് സബ്സിഡിയായി നൽകുന്നു.

7. STRY(Skill Training For Rural Youth)

തെരഞ്ഞെടുത്ത 5 ജില്ലകളിലെ ഗ്രാമീണ യുവജനങ്ങൾക്കായി 20 ക്ലാസ്സുകൾ വീതം ട്രെയിനിംഗ് സ്ഥാപനങ്ങൾ വഴി നടത്തി വരുന്നു. ഒരു ബാച്ചിൽ 15 പേർ വീതം 42,000/- നിരക്കിൽ ആകെ ചെലവഴിക്കുന്നു.

8. ASCI (Agricultural Skill Council of India)

ഗാർവനർമാർക്കുള്ള പരിശീലന പരിപാടിയാണ് ഈ പ്രോഗ്രാം വഴി നടത്തി വരുന്നത്.

9. മറ്റു സൗകര്യങ്ങൾ

അഗ്രികൾച്ചറൽ ട്രെഡീഷണൽ മ്യൂസിയം(Agricultural Traditional Museum)

കാർഷിക കരകൗശല വസ്തുക്കൾ, പുരാതന അളവു പാത്രങ്ങൾ, കാർഷിക ഉപകരണങ്ങൾ ധാന്യ സംഭരണികൾ എന്നിവയുടെ ഒരു മ്യൂസിയം ഇവിടെ ഒരുക്കിയിരിക്കുന്നു. അന്താരാഷ്ട്ര നിലവാരത്തിലുള്ള ഈ മ്യൂസിയം പൊതു ജനങ്ങൾക്കായി തുറന്നു കൊടുത്തിട്ടുണ്ട്. പരമ്പരാഗത കാർഷിക രീതികളെക്കുറിച്ചുള്ള അറിവ് പുതുതലമുറയ്ക്ക് പകർന്നു കൊടുക്കുവാൻ ഇതുവഴി സഹായിക്കുന്നു.

10. ലൈബ്രറി

മാനേജ്മെന്റ്, HRD മേഖലകളിലുള്ള ധാരാളം പുസ്തകങ്ങളുടെ ശേഖരമുള്ള ഒരു ലൈബ്രറിയും ഇവിടെ പ്രവർത്തിക്കുന്നു.

11. കർഷകഭവനം

വിവിധ ആവശ്യങ്ങൾക്കായി തലസ്ഥാന നഗരിയിൽ എത്തുന്ന കർഷകർക്ക് സമേതിയിൽ താമസ സൗകര്യം ലഭ്യമാണ്. ഇതിനായി 26 ഡബിൾ ബെഡ്റൂമുകളും സജ്ജമാക്കിയിട്ടുണ്ട്. ഇവിടെ 7 എണ്ണം ശീതീകരിച്ച മുറികളാണ്. ഒരേ സമയം 50 കർഷകർക്ക് താമസിക്കാനുള്ള സൗകര്യവും ഇവിടെ ഉണ്ട്. കൂടാതെ ട്രെയിനിംഗിനെന്നതു ന ഉദ്യോഗസ്ഥർക്കുള്ള താമസ സൗകര്യവും ഇവിടെ ലഭ്യമാണ്.

12. പോളിഹൗസ്

400 ചതുരശ്ര അടി വിസ്തീർണ്ണമുള്ള ഒരു പോളിഹൗസ് ഇവിടെ പരിപാലിച്ചു വരുന്നു. ഇവിടെ പയർ, തക്കാളി, വെള്ളരി, കാപ്സിക്കം എന്നീ വിളകൾ മാതൃകാപരമായി കൃഷി ചെയ്തു വരുന്നു.

13. ഫെയ്സ് ബുക്ക് ലൈവ് പ്രോഗ്രാം

കോവിഡ് -19 ന്റെ പശ്ചാത്തലത്തിൽ സാധാരണ ക്ലാസ് റൂം സെക്ഷൻ നടത്താൻ പറ്റാത്ത സഹാചര്യത്തിൽ ഫെയ്സ് ബുക്ക് ലൈവ് വഴി ക്ലാസുകൾ സ്ഥിരമായി എല്ലാ പ്രവർത്തി ദിവസങ്ങളിലും നടത്തി വരുന്നു.

കൂടാതെ ആധുനിക സൗകര്യങ്ങളോടുകൂടി അന്താരാഷ്ട്ര നിലവാരത്തിൽ ഒരു വെർച്വൽ ക്ലാസ് റൂം സജ്ജീകരിക്കാനുള്ള നടപടി എടുത്തിട്ടുണ്ട്.

ഹരിതകേരളം മിഷൻ

കേരളത്തിന്റെ സവിശേഷതകളായി പ്രകീർത്തിക്കപ്പെട്ടിരുന്ന വൃത്തിയും ജലസമൃദ്ധിയും വീണ്ടെടുക്കുക. സുരക്ഷിത ഭക്ഷ്യ വസ്തുക്കളുടെ ഉത്പാദനം വർദ്ധിപ്പിക്കുക എന്നിവയാണ് ഹരിതകേരളം മിഷന്റെ മുഖ്യ ലക്ഷ്യങ്ങൾ. കാലാവസ്ഥ വ്യതിയാനം പോലെയുള്ള പുതിയ വെല്ലുവിളികൾ നേരിടുന്നതിനുള്ള പ്രാദേശിക പ്രവർത്തനങ്ങൾ ശക്തിപ്പെടുത്തുന്നതിനും മിഷൻ ലക്ഷ്യമിടുന്നു.

ശ്രദ്ധിതമാലിന്യ സംസ്കരണം, മണ്ണ്-ജല സംരക്ഷണം, ജൈവകൃഷി രീതിയ്ക്ക് പ്രാമുഖ്യം കൊടുത്തുകൊണ്ടുള്ള കൃഷിവികസനം എന്നീ മൂന്ന് ഉപമിഷനുകൾവഴിയാണ് പ്രധാനമായും ഹരിതകേരളം മിഷൻ പ്രവർത്തനങ്ങൾ സംഘടിപ്പിച്ചു വരുന്നത്.

ജനപങ്കാളിത്തത്തോടെ തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങളുടെ നേതൃത്വത്തിലാണ് മിഷൻ പ്രവർത്തനങ്ങൾ താഴെത്തട്ടുകളിൽ നടപ്പാക്കുക. പൗരസമിതികൾ, ബഹുജന സംഘടനകൾ, സർക്കാരിതര സംഘടനകൾ, വിദ്യാഭ്യാസ-ആരോഗ്യസംരക്ഷണ-ക്ഷേമ പ്രവർത്തനരംഗങ്ങളിലെ ജനകീയ കൂട്ടായ്മകൾ, സഹകരണ സ്ഥാപനങ്ങൾ, സന്നദ്ധ സംഘടനകൾ, മതസ്ഥാപനങ്ങൾ, കമ്പനികൾ, സാംസ്കാരിക സ്ഥാപനങ്ങൾ എന്നിങ്ങനെ സമൂഹത്തിന്റെ സമസ്ത മേഖലകളിലും പ്രവർത്തിക്കുന്ന സംഘടനകളുടേയും സ്ഥാപനങ്ങളുടെയും വ്യക്തികളുടെയും സാങ്കേതികസഹായം, സന്നദ്ധ സേവനം, സാമ്പത്തിക സഹായം തുടങ്ങി ബഹുവിധ സഹായസഹകരണങ്ങൾ സമാഹരിച്ചുകൊണ്ടാണ് താഴെപ്പറയുന്ന മൂന്ന് തലങ്ങളിലെ പ്രവർത്തനങ്ങൾ അർത്ഥപൂർണ്ണമായി സംയോജിപ്പിച്ചു കൊണ്ടാണ് മിഷൻ പ്രവർത്തനങ്ങൾ നടപ്പാക്കുന്നത്.

1. മിഷനുകളുടെ ലക്ഷ്യങ്ങൾ കൈവരിക്കുന്നതിനുവേണ്ടി പ്രവർത്തനങ്ങളുടെ ആസൂത്രണം തദ്ദേശ ഭരണ സ്ഥാപനങ്ങളുടെ നേതൃത്വത്തിൽ പ്രാവർത്തികമാക്കുകയും അതിലൂടെ തദ്ദേശ ഭരണസ്ഥാപന പ്രദേശത്തിന് വേണ്ടി ഒറ്റപദ്ധതി (Single Plan) തയ്യാറാക്കുകയും തുടർന്ന് പദ്ധതിയിലെ വിവിധ ഘടകങ്ങൾ ബന്ധപ്പെട്ട വകുപ്പുകളും സ്ഥാപനങ്ങളും നിർവ്വഹണം നടത്തുകയും ചെയ്യുക.
2. വകുപ്പുകളുടെ കീഴിൽ പ്രത്യേകമായി തയ്യാറാക്കുന്ന കേന്ദ്ര/സംസ്ഥാന പദ്ധതികളും വിഭവങ്ങളും കഴിയുന്നിടത്തോളം ഈ പദ്ധതിയുമായി സംയോജിപ്പിക്കുക.
3. പൊതുസമൂഹത്തിന്റെ നേതൃത്വത്തിലും സഹായത്തിലും രൂപപ്പെടുന്ന പദ്ധതികളും പ്രവർത്തനങ്ങളും ഈ പൊതുപദ്ധതിയുമായി സംയോജിപ്പിക്കുക.

ഇത്തരത്തിൽ പൊതുപദ്ധതി രൂപപ്പെടുത്തുന്നതിന് ബന്ധപ്പെട്ട വകുപ്പുകളുടേയും ഏജൻസികളുടേയും പ്രവർത്തനങ്ങൾ തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങളുടെ നേതൃത്വത്തിൽ ഏകോപിപ്പിക്കുന്നതാണ്. മാത്രമല്ല ഇവയ്ക്കുവേണ്ടി സാങ്കേതികവിദ്യയും സാങ്കേതിക സഹായവും മിഷനുകളുടെ സഹായസംവിധാനങ്ങളിലൂടെ ആവശ്യാനുസരണം ലഭ്യമാക്കുന്നതുമാണ്.

തദ്ദേശ ഭരണസ്ഥാപനങ്ങളുടെ നേതൃത്വത്തിൽ, വലിയ തോതിൽ ബഹുജനങ്ങളെ അണിനിരത്തിക്കൊണ്ട് നിശ്ചിത ലക്ഷ്യങ്ങൾ കൈവരിക്കുന്നതിനാണ് വിഭാവനം ചെയ്തിട്ടുള്ളത്.

ഹരിതകേരളം മിഷന്റെ പൊതുവായ ലക്ഷ്യങ്ങൾ

1. ഭൂമിയും മണ്ണും ജലവും വായുവും മലിനമാക്കാതെ വികസനപ്രവർത്തനങ്ങൾ സംഘടിപ്പിക്കുന്നതിനും ജലസാന്നിധ്യം സ്രോതസ്സുകളിൽ എല്ലാസമയവും ഉറപ്പാക്കുവാൻ ആവശ്യമുള്ള പാരിസ്ഥിതിക പുനഃസ്ഥാപനപ്രവർത്തികൾ കണ്ടെത്തി നിർവഹിക്കുന്നതിനും വകുപ്പുകളേയും തദ്ദേശഭരണ സ്ഥാപനങ്ങളേയും സമൂഹത്തേയും പ്രാപ്തരാക്കുക.
2. പാരിസ്ഥിതിക സുരക്ഷയും ഉത്പാദനക്ഷമതയും സ്വയംപര്യാപ്തതയും ലക്ഷ്യമിട്ടുകൊണ്ടുള്ള സംയോജിത പദ്ധതി രൂപീകരിക്കുന്നതിന് പ്രേരകശക്തിയായി പ്രവർത്തിക്കുക.
3. ശ്രദ്ധിത-മാലിന്യസംസ്കരണ മേഖലയിലെ നിയമങ്ങൾ കർശനമായി നടപ്പാക്കുന്നുവെന്ന് ഉറപ്പാക്കുക, ജനപങ്കാളിത്തത്തോടെ ശാസ്ത്രീയ മാലിന്യ സംസ്കരണം ഉറപ്പാക്കുക.
4. മഴവെള്ളസംഭരണം വ്യാപകമാക്കുക, ഭൂഗർഭജലസംഭരണം ഉറപ്പാക്കുക.
5. ഫലവൃക്ഷങ്ങൾ, വിവിധോദ്ദേശ്യ മരങ്ങൾ, ഔഷധസസ്യങ്ങൾ എന്നിവ വ്യാപകമായി വച്ചുപിടിപ്പിക്കുക.
6. ജലവും, മണ്ണും ഉൾപ്പെടെയുള്ള പ്രകൃതി വിഭവങ്ങൾ സംരക്ഷിക്കുകയും ശാസ്ത്രീയമായി വിനിയോഗിക്കുകയും സുസ്ഥിരമായി പരിപാലിക്കുകയും ചെയ്യുക.
7. വ്യാപകമായി ഉപകാരപ്രദമായ മരങ്ങൾ വച്ച് പിടിപ്പിച്ച് സംസ്ഥാനത്തൊട്ടാകെ ഹരിതാവരണം സൃഷ്ടിക്കുക.
8. താഴെത്തട്ടിൽ സേവനങ്ങൾ നൽകുന്ന സർക്കാർ സ്ഥാപനങ്ങളുടെ മെച്ചപ്പെട്ട ഏകോപനവും ലഭ്യമായ വിഭവങ്ങളുടേയും ശാസ്ത്രീയ വിനിയോഗവും പരിപാലനവും ഉറപ്പാക്കുക.
9. സ്ഥാപനതല-വ്യക്തിഗത, സാമൂഹ്യ പ്രകൃതിദത്ത വിഭവങ്ങളുടേയും ജനകീയ സ്രോതസ്സുകളുടേയും സംയോജനം സാധ്യമാക്കുക.

ഹരിതകേരളം മിഷന്റെ പൊതുവായ പ്രവർത്തനസമീപനം

1. നാമാവശേഷമായിക്കൊണ്ടിരിക്കുന്ന ജലസ്രോതസ്സുകൾ സംരക്ഷിക്കുന്നതിനും നിലനിർത്തുന്നതിനും അവയുടെ വിനിയോഗം, പരിപാലനം, സംരക്ഷണം എന്നിവകളിൽ ജനകീയ കൂട്ടായ്മകൾ സംഘടിപ്പിച്ച് പ്രവർത്തിക്കുക.
2. ശുചിത്വ മാലിന്യ സംസ്കരണം, കൃഷി, ജലവിഭവം എന്നീ വകുപ്പുകളുടേയും ഏജൻസികളുടേയും പ്രവർത്തനങ്ങളെ തദ്ദേശ സ്വയംഭരണ സ്ഥാപനതലത്തിൽ ഫലപ്രദമായി സമന്വയിപ്പിക്കുകയും പ്രവർത്തനങ്ങൾ കൂടുതൽ പ്രദേശങ്ങളിലേക്ക് വ്യാപിപ്പിക്കുകയും ചെയ്യുക എന്ന സമീപനമായിരിക്കും ഹരിതകേരളം മിഷൻ സ്വീകരിക്കുക.
3. ശുചിത്വ-മാലിന്യ സംസ്കരണ മേഖലയിലും കാർഷിക മേഖലയിലും ജലവിഭവ മേഖലയിലും പ്രവർത്തിക്കുന്ന സംവിധാനങ്ങളുടെ ഉദ്ദേശ്യ ലക്ഷ്യങ്ങളും സാങ്കേതിക പ്രാപ്തിയും സഹായങ്ങളും പരമാവധി പ്രയോജനപ്പെടുത്തുന്നതിനുള്ള സാഹചര്യം സൃഷ്ടിക്കുക.
4. ശുചിത്വ-മാലിന്യ സംസ്കരണം, കൃഷി, ജലവിഭവം എന്നീ മേഖലകളിൽ തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങൾ നേരിടുന്ന സങ്കീർണ്ണമായ പ്രശ്നങ്ങൾ പഠിച്ച് അനയോജ്യ സാങ്കേതിക വിദ്യയുൾപ്പെടെയുള്ള സാധ്യതകൾ പ്രയോജനപ്പെടുത്തി അവ പരിഹരിക്കുക.
5. പ്രാഥമിക ഉത്പാദനം, ജലവിഭവം, ശുചിത്വ-മാലിന്യ സംസ്കരണം എന്നീ മേഖലകളിൽ തയ്യാറാക്കുന്ന വിശദമായ പദ്ധതി രേഖകളുടെ സംയോജിതവും ഏകോപിതവുമായ നിർവഹണം തദ്ദേശ സ്വയംഭരണ സ്ഥാപനതലത്തിൽ സാധ്യമാക്കുക.
6. ജലസ്രോതസ്സുകൾക്കുചുറ്റും കാർഷിക പ്രവർത്തനങ്ങളും തണ്ണീർത്തട വികസന പരിപാടികളും മറ്റ് ജലവിനിയോഗ പ്രവർത്തനങ്ങളും സംഘടിപ്പിക്കുക.
7. കേരളത്തിൽ ലഭ്യമായിട്ടുള്ള സാങ്കേതിക വൈദഗ്ദ്ധ്യവും പ്രാദേശിക അറിവുകളും വികസന പ്രവർത്തനങ്ങളിൽ അനയോജ്യമായി പരമാവധി ഉപയോഗപ്പെടുത്തുക.

കേരള കന്നുകാലി വികസന ബോർഡ് ലിമിറ്റഡ് (KLDB)

1963 ൽ ഇടുക്കി ജില്ലയിലെ മാട്ടുപ്പെട്ടിയിൽ ആരംഭിച്ച ഇൻഡോസിസ്സ് പ്രോജക്റ്റിന്റെ തുടർച്ചയാണ് ഇന്നത്തെ കെ.എൽ.ഡി ബോർഡ്. കേരളത്തിൽ കന്നുകാലി വികസനത്തിന് വേണ്ടി പ്രവർത്തിക്കുന്ന ഏറ്റവും പ്രധാനപ്പെട്ട പൊതുമേഖല സ്ഥാപനമാണ് കേരള ലൈവ്സ്റ്റോക്ക് ഡവലപ്മെന്റ് ബോർഡ്. സംസ്ഥാന സർക്കാരിന്റെ കന്നുകാലി പ്രജനന നയമനുസരിച്ച്, ആടുകളുടെയും പന്നികളുടെയും, കന്നുകാലികളുടെയും ഗാഢ ശിതീകരിച്ച ബീജം സംസ്ഥാനത്തിലെ എല്ലാ കൃത്രിമ ബീജാധാന കേന്ദ്രങ്ങളിലും യഥാസമയം ലഭ്യമാക്കുകയാണ് ബോർഡിന്റെ മുഖ്യധർമ്മം. കൂടാതെ സംസ്ഥാനത്തിനനുയോജ്യമായ തീറ്റപ്പുൽ ഇനങ്ങളുടെ വിത്തുകളും കടകളും ഉൽപ്പാദിപ്പിച്ച് കർഷകർക്ക് വിതരണം ചെയ്യുവരുന്നു. ഇതിനു പുറമെ ബോർഡിന്റെ വിവിധ പരിശീല കേന്ദ്രങ്ങളിൽ ക്ഷീര കർഷകർക്കും മറ്റ് സാങ്കേതിക വിദഗ്ദ്ധർക്കും പശുപരിപാലനത്തിന്റെ വിവിധ വിഷയങ്ങളിലും തീറ്റപ്പുൽ കൃഷിയെക്കുറിച്ചുള്ള സാങ്കേതിക പരിശീലനം നൽകി വരുന്നു. ഇടുക്കി ജില്ലയിലെ മാട്ടുപ്പെട്ടി ഫാമിലും പാലക്കാട് ജില്ലയിലെ ധോണി ഫാമിലും കൊല്ലം ജില്ലയിലെ കള്ളത്തുപ്പുഴ ഫാമിലും ആണ് ഈ പരിശീലന കേന്ദ്രങ്ങൾ പ്രവർത്തിച്ച് വരുന്നത്. ഇടുക്കി ജില്ലയിലെ മാട്ടുപ്പെട്ടി ഫാമിലും, പാലക്കാട് ജില്ലയിലെ ധോണി ഫാമിലും, കൊല്ലം ജില്ലയിലെ കള്ളത്തുപ്പുഴ ഫാമിലുള്ള 3 സെമർ സ്റ്റേഷനുകളിൽ നിന്നുമാണ് സംസ്ഥാനത്ത് വിതരണം ചെയ്യുവാനുള്ള ഗാഢ ശിതീകരിച്ച ബീജമാതൃകൾ ഉൽപ്പാദിപ്പിച്ചു വരുന്നത്. മാട്ടുപ്പെട്ടി, കള്ളത്തുപ്പുഴ, കോലാഹലമേട് എന്നീ ഹൈടെക്ക് ബുൾ മദർഫാമുകളിൽ നിന്നും നല്ല ഇനം പശുക്കുട്ടികളെ കർഷകർക്കായി വിതരണം ചെയ്യു വരുന്നു.

കേരള ക്ഷീരകർഷക ക്ഷേമനിധി ബോർഡ് (KDFWFB)

കേരളത്തിലെ ക്ഷീരസംഘങ്ങൾ മുഖേന പാൽ നൽകുന്ന ക്ഷീരകർഷകർക്ക് വിവിധങ്ങളായ ധനസഹായങ്ങളും പെൻഷനും അനുവദിക്കുന്നതിലേക്കായാണ് ക്ഷീരകർഷക ക്ഷേമനിധി ബോർഡ് രൂപീകരിച്ചിരിക്കുന്നത്. ക്ഷീരകർഷകർക്ക് ധനസഹായം നൽകുന്ന ഇത്തരത്തിലുള്ള ഒരു സംവിധാനം ഇന്ത്യയിൽ തന്നെ ആദ്യത്തേതാണ്. ക്ഷീരസംഘങ്ങളിൽ പാൽ നൽകുന്ന 18 വയസ്സ് പൂർത്തിയായ ഏതൊരു ക്ഷീരകർഷകനും

ക്ഷേമനിധി അംഗത്വം നേടാവുന്നതാണ്. നിലവിൽ 3.46 ലക്ഷം ക്ഷീരകർഷകർ ക്ഷേമനിധി ബോർഡിൽ അംഗങ്ങളായുണ്ട്. ക്ഷേമനിധി നൽകിവരുന്ന പ്രധാനപ്പെട്ട ധനസഹായം ക്ഷീരകർഷക പെൻഷനാണ്. ക്ഷീരസംഘം മുഖേന 500 ലിറ്ററിൽ കുറയാതെ കുറഞ്ഞത് 5 വർഷം പാൽ അളന്ന 60 വയസ്സ് പൂർത്തിയായ ക്ഷീരകർഷകർക്ക് പെൻഷൻ അർഹതയുണ്ടായിരിക്കുന്നതാണ്. പെൻഷനു പുറമെ അനന്തരവകാശികൾക്ക് കുടുംബ പെൻഷൻ, ക്ഷേമനിധി അംഗങ്ങളുടെ മക്കൾക്ക് വിദ്യാഭ്യാസ ധനസഹായം, ക്ഷേമനിധി അംഗങ്ങളുടെ പെൺമക്കൾക്ക് വിവാഹ ധനസഹായം, ക്ഷേമനിധി അംഗങ്ങൾക്ക് ചികിത്സാ ധനസഹായം, കോവിഡ് ധനസഹായം, മരണാനന്തര ധനസഹായം, മികച്ച ക്ഷീരകർഷകർക്കുള്ള അവാർഡ് തുടങ്ങി നിരവധി ധനസഹായങ്ങൾ ക്ഷേമനിധിയിൽ അനുവദിച്ചു വരുന്നു. വിവിധ ധനസഹായങ്ങൾക്കുള്ള അപേക്ഷകൾ ക്ഷീരകർഷകർക്ക് ക്ഷേമനിധിയുടെ വെബ്സൈറ്റിലൂടെ ഓൺലൈനായി സമർപ്പിക്കാവുന്നതാണ്. ക്ഷീരകർഷകർ ഓൺലൈനായി സമർപ്പിക്കുന്ന അപേക്ഷകൾ ബ്ലോക്ക് ജില്ലാ ഓഫീസുകളിലെ പരിശോധനകൾക്ക് ശേഷം ക്ഷേമനിധി ഹെഡ് ഓഫീസിലേക്ക് സമർപ്പിക്കപ്പെടുന്നു. തുടർന്ന് സാധുത പരിശോധനയ്ക്ക് ശേഷം ധനസഹായം അനുവദിക്കുന്നു. ക്ഷീരകർഷക ക്ഷേമനിധിയുമായി ബന്ധപ്പെട്ട കൂടുതൽ വിവരങ്ങൾക്കും ഓൺലൈനായി അപേക്ഷ സമർപ്പിക്കുന്നതിനും www.kdfwf.org എന്ന വെബ്സൈറ്റ് പ്രയോജനപ്പെടുത്താവുന്നതാണ്.

ബോർഡിന്റെ പ്രവർത്തനങ്ങൾ

ക്രമ നം.	ധനസഹായം	യോഗ്യത	തുക
1	അംഗത്വം	പ്രാഥമിക ക്ഷീരസംഘങ്ങളിൽ ഒരു സാമ്പത്തിക വർഷം കുറഞ്ഞത് 500 ലിറ്റർ പാൽ അളക്കുന്ന 18 വയസ്സ് പൂർത്തിയായ ക്ഷീരകർഷകർക്ക്.	മെമ്പർഷിപ്പ് രജിസ്ട്രേഷൻ ഫീസ് 100/- രൂപ
2	പെൻഷൻ	കുറഞ്ഞത് 500 ലിറ്റർ പാൽ വീതം ഏതെങ്കിലും ക്ഷീരസംഘങ്ങളിൽ കുറഞ്ഞത് 5 വർഷം അളക്കുകയും 60 വയസ്സ് തികയുകയും ചെയ്ത അംഗത്തിനും	1400/- രൂപ
3	കുടുംബ പെൻഷൻ	പെൻഷൻ വാങ്ങിക്കൊണ്ടിരുന്ന മരണമടയുന്ന ക്ഷീര കർഷകന്റെ നിയമാനുസൃത നോമിനിക്ക്	550/- രൂപ
4	അവശതാ പെൻഷൻ	40% ലധികം അംഗവൈകല്യം മൂലം ക്ഷീരവൃത്തിയിൽ തുടരാൻ സാധിക്കാത്ത ക്ഷീരകർഷക ക്ഷേമനിധി അംഗത്തിന്	1400/- രൂപ
5	വിവാഹ ധനസഹായം	ക്ഷീരകർഷക ക്ഷേമനിധി അംഗത്തിന്റെ പെൺമക്കളുടെ വിവാഹത്തിന്	5000/- രൂപ
6	മരണാനന്തര ധനസഹായം	എല്ലാ ക്ഷീരകർഷക ക്ഷേമനിധി അംഗങ്ങൾക്കും.	3000/- രൂപ
7	ക്ഷീരസുരക്ഷ പദ്ധതി	എല്ലാ ക്ഷീരകർഷക ക്ഷേമനിധി അംഗങ്ങൾക്കും.	അപകടമരണം സംഭവിച്ചവരുടെ കുടുംബത്തിന് 50,000/- അപകടംമൂലം സമാധാനമായ അവശത സംഭവിച്ചവർക്ക് 10,000/- മാതൃകരോഗങ്ങളുടെ ചികിത്സക്ക് 15,000/- പകർച്ചവ്യാധിയുടെ ചികിത്സ്സ് -2,000/-

8	വിദ്യാഭ്യാസ ധനസഹായം	എല്ലാ ക്ഷീരകർഷക ക്ഷേമനിധി അംഗങ്ങളും ടെ മക്കൾക്കും	എസ്.എസ്.എൽ.സി- 1000/- പ്ലസ് 2 -1500/- ഡിഗ്രി - 2000/- പ്രൊഫഷണൽ ഡിഗ്രി -2500/- 10000/- 5000/-
9	മികച്ച ക്ഷീര കർഷകർക്കുള്ള അവാർഡ്	സംസ്ഥാന തലം- ജില്ലാ തലം-	

കൂടുതൽ വിവരങ്ങൾക്ക് അടുത്തുള്ള പ്രാഥമിക ക്ഷീരസംഘങ്ങൾ/ക്ഷീരവികസന ഓഫീസ്/ജില്ലാ ഗുണനിയന്ത്രണ ഓഫീസ്/ജില്ലാ ഡെപ്യൂട്ടി ഡയറക്ടർ ഓഫീസ് എന്നിവിടങ്ങളിൽ ബന്ധപ്പെടാവുന്നതാണ്.

കേരള കോ-ഓപ്പറേറ്റീവ് മിൽക്ക് മാർക്കറ്റിംഗ് ഫെഡറേഷൻ ലിമിറ്റഡ് (മിൽമ)

കേരള സഹകരണ ക്ഷീര വിപണന ഫെഡറേഷൻ ഗ്രാമതലത്തിൽ സഹകരണ സംഘങ്ങളും ഇടത്തട്ടിൽ മൂന്നു മേഖല യൂണിയനുകളും സംസ്ഥാന തലത്തിൽ ഫെഡറേഷനും ഉൾക്കൊള്ളുന്ന ഒരു സ്ഥാപനമാകുന്നു. 2020 മാർച്ച് മാസത്തെ കണക്കനുസരിച്ച് 3328 പ്രാഥമിക സഹകരണ സംഘങ്ങളിലായി 98.69 ലക്ഷം അംഗങ്ങളുണ്ട്. 2019-20 വർഷത്തെ ഒരു ദിവസത്തെ ശരാശരി പാൽ സംഭരണം 12.39 ലക്ഷം ലിറ്ററാണ്. അതുപോലെ 2019-20 വർഷത്തെ ഒരു ദിവസത്തെ ശരാശരി പാൽ വിൽപന 13.29 ലക്ഷം ലിറ്ററാണ്.

കേരള സഹകരണ ക്ഷീര വിപണന ഫെഡറേഷൻ പൂർണ്ണമായും ജനാധിപത്യ രീതിയിൽ 'കർഷകർ, കർഷകരാൽ, കർഷകർക്കു വേണ്ടി' എന്ന തത്വത്തെ ആസ്പദമാക്കി തെരഞ്ഞെടുക്കപ്പെട്ട ഭരണസമിതി ഭരിക്കുന്ന ഒരു ത്രിതല സംവിധാനത്തിലുള്ള സ്ഥാപനമാണ്. മിൽമയ്ക്ക് കേരളത്തിലൊട്ടാകെ 14 ഡയറികളിലുമായി 18.7 ലക്ഷം ലിറ്റർ പാൽ സംസ്കരിക്കാനുള്ള സംവിധാനമുണ്ട്. മിൽമയ്ക്ക് വൈവിധ്യമാർന്ന പാസ്ട്രൈറ്റ് ചെസ്റ്റ് പാൽ, ശുദ്ധമായ നെയ്യ്, ക്രീമി ബട്ടർ, ഹോഷക സമ്പുഷ്ടമായ സ്റ്റേറിലൈസ് ചെയ്റ്റ് ഫ്ളേവേർഡ് മിൽക്ക്, ഐസ്ക്രീം തുടങ്ങി മറ്റനവധി ഉൽപ്പന്നങ്ങൾ ഉണ്ട്. മിൽമയ്ക്ക് മിൽമയുടെ ഉൽപ്പന്നങ്ങൾ എല്ലാവരിലും എത്തിക്കുന്നതിനുള്ള വിപുലമായ വിപണന ശൃംഖലയുണ്ട്. കർഷകരിൽ നിന്നും സംഭരിച്ച പാൽ ഉപഭോക്താവിലെത്തിക്കുന്നതു വരെ പാലിന്റേയും പാലുൽപ്പന്നങ്ങളുടെയും ഗുണനിലവാരം നില നിർത്തുന്നതിന് മിൽമ പ്രതിജ്ഞാബദ്ധമാണ്. മിൽമ എന്ന പേരും 'കേരളം കണി കണ്ടുണരുന്ന നമ' എന്ന ഗുണത്തെ എടുത്തു പറയുന്ന മുദ്രാവാക്യവും ഉപഭോക്താക്കൾ സ്വീകരിച്ചു കഴിഞ്ഞു.

കേരളവെറ്ററിനറി & ആനിമൽ സയൻസസ് യൂണിവേഴ്സിറ്റി

കേരള വെറ്ററിനറി ആന്റ് അനിമൽ സയൻസ് യൂണിവേഴ്സിറ്റി 2010 ഡിസംബറിൽ സ്ഥാപിതമായി. യൂണിവേഴ്സിറ്റിയുടെ കീഴിൽ മൂന്നു ഫാക്കൽറ്റികളിലായി എട്ട് കോളേജുകൾ, അഞ്ച് സ്കൂളുകൾ, ഏഴ് സെന്ററുകൾ, പതിനഞ്ച് ഫാമുകളും, മറ്റു അനുബന്ധ ഗവേഷണസ്ഥാപനങ്ങളും പ്രവർത്തിച്ചു വരുന്നു. യങ്ങ് എമർജിംഗ് യൂണിവേഴ്സിറ്റി അവാർഡ് തുടർച്ചയായി മൂന്നു തവണ ലഭിച്ച യൂണിവേഴ്സിറ്റിയുടെ കീഴിൽ പഠനം, ഗവേഷണം, സംരംഭകത്വവികസനം എന്നീ മേഖലകളിലായി നിരവധി പ്രവർത്തനങ്ങൾ നടന്നുവരുന്നു.

കോഴ്സുകൾ

ഫാക്കൽറ്റി ഓഫ് വെറ്ററിനറി ആന്റ് ആനിമൽ സയൻസസ്

1. ബി.വി.എസ്.സി. ആന്റ് എ.എച്ച്.
2. എം.വി.എസ്.സി.
3. പി.എച്ച്.ഡി.
4. എം.എസ്.സി.

ബയോസ്റ്റാറ്റിസ്ട്രിക്സ്, ക്വോളിറ്റി കൺട്രോൾ ഇൻ ഡയറി ഇൻഡസ്ട്രി, ബയോകെമിസ്ട്രി ആന്റ് മോളിക്കുലാർ ബയോളജി, അപ്ലൈഡ് മൈക്രോബയോളജി, അനിമൽ ബയോടെക്നോളജി, അനിമൽ സയൻസ്

5. എം.എസ്. - വൈൽഡ് ലൈഫ് സ്റ്റഡീസ്
6. പോസ്റ്റ് ഗ്രാജുവേറ്റ് ഡിപ്ലോമ - ക്ലൈമറ്റ് സർവീസസ് ഇൻ അനിമൽ അഗ്രിക്കൾച്ചർ, ക്ലൈമറ്റ് സർവീസസ്, വെറ്ററിനറി കാര്മിഡിയോളജി, വെറ്ററിനറി അനസ്തീഷ്യോളജി
7. ഡിപ്ലോമ - ലബോറട്ടറി ടെക്നിക്കീസ്, പൗൾട്ടി പ്രൊഡക്ഷൻ, ഡയറി സയൻസ്, ഫീഡ് ടെക്നോളജി

ഫാക്കൾട്ടി ഓഫ് ഡയറി സയൻസ് ആന്റ് ടെക്നോളജി

1. ബി.ടെക്. - ഡയറി ടെക്നോളജി, ഫുഡ് ടെക്നോളജി
2. എം.ടെക്.

ഫാക്കൾട്ടി ഓഫ് പൗൾട്ടി സയൻസ്

1. ബി.എസ്.സി. പൗൾട്ടി പ്രൊഡക്ഷൻ ആന്റ് ബിസിനസ് മാനേജ്മെന്റ് ടെക്നോളജി എന്നെബിൾഡ് ഡിസ്റ്റൻസ് ലേണിംഗ് പ്രോഗ്രാം പി.ജി. ഡിപ്ലോമ പ്രോഗ്രാം, ഡിപ്ലോമ പ്രോഗ്രാം, പി.ജി. സർട്ടിഫിക്കറ്റ് പ്രോഗ്രാം, സർട്ടിഫിക്കറ്റ് കോഴ്സസ്

ഡയറക്ടറേറ്റ് ഓഫ് ഓൺട്രൈണർഷിപ്പ്

1. ട്രെയിനിംഗ് വിഭാഗം
2. ഓൺട്രൈണർഷിപ്പ് വിഭാഗം
3. ടെക്നോളജി ബിസിനസ് ഇൻകുബേഷൻ സെന്റർ
4. അക്കാഡമിക് സ്റ്റാഫ് കോളേജ്
5. ഡി.എസ്.ഡബ്ല്യു.
6. ബയോടെക്നോളജി ട്രെയിനിംഗ് ആന്റ് റിസർച്ച് സെന്റർ
7. ഡിസ്റ്റൻസ് ലേണിംഗ് സെന്റർ
8. സെന്റർ ഫോർ ലൈവ്സ്റ്റോക്ക് ഡവലപ്മെന്റ് പോളിസി ആന്റ് റിസർച്ച്
9. റിജ്യണൽ റിസർച്ച് ആന്റ് ട്രെയിനിംഗ് സെന്റർ
10. പബ്ലിക്കേഷൻ ഡിവിഷൻ
11. സെയിൽസ് കൗൺസിൽ
12. മീഡിയ ആന്റ് കമ്മ്യൂണിക്കേഷൻ സെന്റർ

ഡയറക്ടറേറ്റ് ഓഫ് ഫാറംസ്

1. ഇൻസുക്ഷണൽ ഫാറം, പൂക്കോട്
2. യൂണിവേഴ്സിറ്റി ലൈവ്സ്റ്റോക്ക് ഫാറം, മണ്ണുത്തി
3. സെന്റർ ഫോർ പിഗ് പ്രൊഡക്ഷൻ ആന്റ് റിസർച്ച്, മണ്ണുത്തി
4. ഷീപ്പ് ആന്റ്, ഗോട്ട് ഫാറം, മണ്ണുത്തി
5. യൂണിവേഴ്സിറ്റി പൗൾട്ടി ആന്റ് ഡക്ക് ഫാറം, മണ്ണുത്തി
6. ബേസ് ഫാറം, കോലാഹലമേട്
7. കാറ്റിൽ ബ്രീഡിംഗ് ഫാറം, തുമ്പൂർമൊഴി
8. ലൈവ്സ്റ്റോക്ക് റിസർച്ച് സ്റ്റേഷൻ, തിരുവാഴാകുന്ന്
വിവിധയിനം കോഴികൾ, പന്നി, ആട് എന്നിവയുടെ വിപണനം, തീറ്റപ്പുൽ നടീൽ വസ്തുക്കൾ, ഉപോൽ പന്നങ്ങൾ എന്നിവയുടെ വിപണനം, വിവിധ ഫാമുകൾ ആരംഭിക്കുന്നതിനുള്ള ഉപദേശങ്ങൾ, പ്രൊജക്ട് തയ്യാറാക്കൽ

ഡയറക്ടറേറ്റ് ഓഫ് ക്ലിനിക്കസ്

ടീച്ചിംഗ് വെറ്ററിനറി ക്ലിനിക്കൽ കോംപ്ലക്സ്, പൂക്കോട്, ടീച്ചിംഗ് വെറ്ററിനറി ക്ലിനിക്കൽ കോംപ്ലക്സ്, മണ്ണത്തി, യൂണിവേഴ്സിറ്റി വെറ്ററിനറി ഹോസ്പിറ്റൽ, കൊക്കാല, തൃശൂർ

1. സർജറി യൂണിറ്റ് ഒപ്പാൽമോളജി, ഓർതോപീഡിക്സ് യൂണിറ്റ്, സോഫ്റ്റ് ടിഷ്യൂ സർജറി യൂണിറ്റ്, ലാർജ്ജ് അനിമൽ സർജറി യൂണിറ്റ്, അനസ്തേഷ്യോളജി യൂണിറ്റ്, റേഡിയോളജി ആന്റ് ഇമേജിംഗ് യൂണിറ്റ്
2. ഗൈനക്കോളജി സൈറ്റോളജി ലാബ്, നിയോനാറ്റൽ ഇൻകുബേറ്റർ, ഓപ്പറേഷൻ തിയ്യൂർ-ജനിറ്റൽ സർജറി, ആർട്ടിഫിഷ്യൽ ഇൻസെമിനേഷൻ സെന്റർ, എൻടോക്രൈനോളജി ആന്റ് മോളിക്കുലാർ ബയോളജി ലാബ്, എംബ്രിയോ ട്രാൻസ്ഫർ ലാബ്
3. ക്ലിനിക്കൽ മെഡിസിൻ കാർഡിയോളജി യൂണിറ്റ്, ഡർമറ്റോളജി യൂണിറ്റ്, ഹീമോ ഡയാലിസിസ് യൂണിറ്റ്, ട്രാൻസ്ഫ്യൂഷൻ മെഡിസിൻ യൂണിറ്റ്
4. പ്രിവന്റീവ് മെഡിസിൻ എപ്പിഡമിയോളജി ലാബ്, വാക്സിനേഷൻ യൂണിറ്റ്, ഐസൊലേഷൻ യൂണിറ്റ്, ഇൻഫെക്ഷ്യസ് വാർഡ്

ഡയറക്ടറേറ്റ് ഓഫ് സ്റ്റുഡൻസ് വെൽഫെയർ

1. എൻ.എസ്.എസ്.
2. എൻ.സി.സി.
3. സർവ്വകലാശാല വിദ്യാർത്ഥി യൂണിയൻ, മറ്റു സന്നദ്ധ സേവനങ്ങളുടെ ഏകോപനം
4. സെന്റർ ഫോർ സ്റ്റുഡൻസ് കൗൺസിലിംഗ് ആന്റ് പ്ലേസ്മെന്റ്, പൂക്കോട്
5. സെന്റർ ഫോർ സ്റ്റുഡൻസ് കൗൺസിലിംഗ് ആന്റ് പ്ലേസ്മെന്റ്, മണ്ണത്തി

SCHEMES AND GUIDELINES

കാർഷികവികസന കർഷകക്ഷേമവകുപ്പ്

സുഭിക്ഷകേരളം പദ്ധതി

കേരളത്തിന്റെ കാർഷികമേഖലയെ പിടിച്ചുലച്ചുകൊണ്ട് കഴിഞ്ഞ രണ്ടു വർഷമായി ഉണ്ടായ പ്രയത്നത്തിനെയും, അത് ഏൽപ്പിച്ച ആഘാതത്തെയും, വളരെ ആർജ്ജവത്തോടെയാണ് കർഷകർ നേരിട്ടത്. പുനരുജ്ജീവനപ്രവർത്തനങ്ങൾ ഏറ്റെടുത്തു നടപ്പിലാക്കി, കാർഷിക മേഖല വീണ്ടും ഭക്ഷ്യോത്പാദനത്തിൽ സ്വയം പര്യാപ്തിയിലെത്തുവാൻ പരിശ്രമിക്കുന്ന സമയത്താണ് കേരളത്തെ മാത്രമല്ല ലോകത്തെ മുഴുവൻ അപകടത്തിലാഴ്ത്തിയ കോവിഡ് 19 എന്ന മഹാമാരിയുടെ പ്രവേശം. ഒരു ഉപഭോക്തൃ സംസ്ഥാനമായ കേരളം മറ്റു സംസ്ഥാനങ്ങളിൽ ഉണ്ടാകാനിടയുള്ള ഭക്ഷ്യക്ഷാമവും കൂടി കണക്കിലെടുത്താണു സുഭിക്ഷകേരളം പദ്ധതി തുടങ്ങിയത്. കേരളത്തെ ഭക്ഷ്യ സ്വയംപര്യാപ്തതയിൽ കഴിയാവുന്നത്ര എത്തിക്കുക എന്നതാണ് പദ്ധതിയുടെ മുഖ്യലക്ഷ്യം. ഈ ലക്ഷ്യത്തോടെ സംസ്ഥാന സർക്കാർ ആവിഷ്കരിച്ച് നടപ്പിലാക്കുന്ന സംയോജിത ഭക്ഷ്യ സുരക്ഷ പദ്ധതിയാണ് സുഭിക്ഷ കേരളം. കൃഷിവകുപ്പിനൊപ്പം തദ്ദേശസ്വയംഭരണം - മൃഗസംരക്ഷണം - ക്ഷീര വികസനം - ആരോഗ്യം - മത്സ്യബന്ധനം - സഹകരണം - വ്യവസായം - ജലസേചനം - പട്ടികവർഗ്ഗ വികസനം എന്നീ വകുപ്പുകൾ സംയുക്തമായാണ് ഈ ബൃഹദ് പദ്ധതി നടപ്പിലാക്കുന്നത്.

കാർഷികമേഖലയിലെ പ്രവർത്തനങ്ങളിൽ പ്രധാനമായും ലക്ഷ്യം വക്കുന്നത് തരിശു നിലങ്ങളിൽ പൂർണ്ണമായി കൃഷിയിറക്കുക എന്നതാണ്. സർക്കാർ, പൊതുമേഖല സ്ഥാപനങ്ങൾ ഇവരുടെ കൈവശമുള്ള തരിശു കിടക്കുന്ന പാടങ്ങൾ, പറമ്പുകൾ ഇവ കണ്ടുപിടിച്ച് പൊതുജന പങ്കാളിത്തത്തോടെ കൃഷി ചെയ്യിക്കുകയും ഇതിനു വേണ്ട വിത്ത്, വളം, കീടനാശിനി തുടങ്ങിയ ഉത്പാദനോപാധികളും മറ്റു കൃഷിചെലവുകളും നൽകുക, നെല്ല്, ചെറുധാന്യങ്ങൾ, പയറിനങ്ങൾ, കിഴങ്ങുവർഗ്ഗ വളകൾ ഇവ കൃഷി ചെയ്യിപ്പിച്ചു കൊണ്ട് ഉത്പാദനവർദ്ധനവിലൂടെ കർഷകർക്ക് നല്ലവരുമാനം ഉറപ്പാക്കുക, കൂടുതൽ തൊഴിൽ അവസരങ്ങൾ സൃഷ്ടിച്ചു കൊണ്ട് യുവാക്കളേയും തിരിച്ചു വരുന്ന പ്രവാസികളെയും കാർഷിക വൃത്തിയിലേക്ക് ആകർഷിക്കുക തുടങ്ങിയവയുമാണ് സുഭിക്ഷകേരളം കൊണ്ട് ലക്ഷ്യമിടുന്നത്.

സുഭിക്ഷകേരളം പദ്ധതിയിൽ അംഗമാകുന്നതിന് www.aims.kerala.gov.in എന്ന വെബ് പോർട്ടലിൽ കർ

ഷകർക്ക് രജിസ്റ്റർ ചെയ്യാവുന്നതാണ്. ഇനിമുതൽ കൃഷിവകുപ്പിന്റെ മറ്റു പദ്ധതികൾക്കും ഈ പോർട്ടലിൽ രജിസ്റ്റർ ചെയ്യാവുന്നതാണ്. AIMS മൊബൈൽ ആപ്പ് ഡൗൺലോഡ് ചെയ്തും സ്വന്തമായി കർഷകർക്ക് രജിസ്റ്റർ ചെയ്യാം. സുഭിക്ഷ കേരള പദ്ധതിയുടെ ഭാഗമായി വിവിധ കൃഷികൾക്കുള്ള ധനസഹായവും കൃഷിവകുപ്പ് വർദ്ധിപ്പിച്ചിട്ടുണ്ട്.

വിള	തരിശുനില കൃഷിയ്ക്കുള്ള ധനസഹായം	
	പഴയനിരക്ക് (ഹെക്ടറിന്)	പുതിയ നിരക്ക് (ഹെക്ടറിന്)
പച്ചക്കറി	25000	40000 (കർഷകന് 37000 രൂപയും ഭൂവുടമയ്ക്ക് 3000 രൂപയും)
പയറുവർഗ്ഗങ്ങൾ	25000	30000 (27000+3000)
കിഴങ്ങുവർഗ്ഗങ്ങൾ	25000	30000(27000+3000)
വാഴ	30000	35000 (32000+3000)
ചെറുധാന്യങ്ങൾ	-	30000 (27000+3000)
നെൽകൃഷി	25000	40000 (35000+5000)

മറ്റു കൃഷിയ്ക്കുള്ള ധനസഹായം		
നെല്ല് (കൂലിച്ചെലവ്)	-	22000
പച്ചക്കറി (പന്തൽ ഇനം)	15000	25000
പച്ചക്കറി (പന്തൽ ഇല്ലാത്തവ)	15000	20000
ശീതകാല പച്ചക്കറികൾ	22500	30000
പയറുവർഗ്ഗങ്ങൾ	10000	20000
കിഴങ്ങുവർഗ്ഗങ്ങൾ	15000	20000

നെൽകൃഷി വികസനം

സംസ്ഥാനത്ത് കാർഷിക പാരിസ്ഥിതിക മേഖല (AEU) അടിസ്ഥാനമാക്കി പ്രകൃത്യാ തന്നെ നെൽകൃഷിക്ക് അനുകൂല സാഹചര്യമുള്ളതും ഉൽപ്പാദന വർദ്ധനവിന് സാധ്യതയുള്ളതുമായ പ്രദേശങ്ങൾ കേന്ദ്രീകരിച്ച് തരിശുനില കൃഷിയ്ക്കും ഗ്രൂപ്പ് അടിസ്ഥാനത്തിലുള്ള പ്രവർത്തനങ്ങൾക്കും ഊന്നൽ നൽകി നെൽകൃഷി വികസന പരിപാടികൾ നടപ്പിലാക്കുന്നു. 2018ലും 2019ലും ഉണ്ടായ പ്രളയം നാശനഷ്ടങ്ങൾ നെൽകൃഷിയിൽ വരുത്തിയിട്ടുണ്ടെങ്കിലും ഇരുപ്പുകൃഷിയിലൂടെ നഷ്ടപ്പെട്ട വിസ്തൃതി കൈവരിക്കുവാനാണ് ശ്രമം.

പാടശേഖര സമിതികളുടെ ഗ്രൂപ്പ് ഫാമിംഗ് പ്രവർത്തനങ്ങൾ പ്രോത്സാഹിപ്പിക്കുന്നതിന് പ്രത്യേക തുക രൂപ നീക്കിവച്ചിരിക്കുന്നു. ഈ തുക ഗ്രൂപ്പ് ഫാമിംഗ് പ്രോത്സാഹിപ്പിക്കുന്നതിനും ഇ-പേയ്മെന്റ് സമ്പ്രദായം നടപ്പിലാക്കുന്നത് സഹായിക്കുന്നതിനുമായി ഒരു സുതാര്യ മാനദണ്ഡത്തിന്റെ അടിസ്ഥാനത്തിൽ പാടകശഖര സമിതികൾക്ക് നൽകാവുന്നതാണ്. പാടശേഖരങ്ങൾ പുനരുജ്ജീവിപ്പിച്ച് അരിമില്ലുകൾ സ്ഥാപിക്കുന്നതിന് പ്രോത്സാഹനം നൽകുന്നതാണ്. ഉത്തമ കൃഷി മുറകളുടെ സർട്ടിഫിക്കേഷൻ നടത്തുന്നതിനുള്ള സഹായവും പാടശേഖരങ്ങൾക്ക് നൽകുന്നതാണ്.

സംസ്ഥാനത്തെ നെൽകൃഷിക്കുള്ള പ്രത്യേക കാർഷിക മേഖലയായ കട്ടനാട്, ഓണാട്ടുകര, പൊക്കാളി, കോള, പാലക്കാട്, വയനാട്, കൈപ്പാട് എന്നീ 7 പ്രദേശങ്ങളിൽ കൂടുതൽ ഇടപെടൽ നടത്തുന്നതാണ്. നെൽകൃഷി വികസന ഏജൻസികളുള്ള സഹായം പ്രോജക്ട് അടിസ്ഥാനത്തിൽ നൽകുന്നതാണ്.

തരിശുനില കൃഷിക്കായി പ്രത്യേക ഫണ്ട് വകയിരുത്തിയിരിക്കുന്നു. മഹാത്മാ ഗാന്ധി ദേശീയ ഗ്രാമീണ തൊഴിലുറപ്പ് പദ്ധതി, കടുംബശ്രീ എന്നിവയുടെ സജീവ പങ്കാളിത്തത്തോടെ നെൽകൃഷിക്കനുയോജ്യമായ തരിശുനിലങ്ങൾ ഘട്ടം ഘട്ടമായി പ്രോജക്ട് അടിസ്ഥാനത്തിൽ സുസ്ഥിര നെൽകൃഷിക്കായി ഏറ്റെടുക്കുന്നതാണ്. കൃഷി ഓഫീസർമാരുടെ നേതൃത്വത്തിൽ പഞ്ചായത്തതലത്തിൽ തയ്യാറാക്കുന്ന ഗുണഭോക്തൃ ലിസ്റ്റിന്റെ അടിസ്ഥാനത്തിലായിരിക്കും സഹായം അനുവദിക്കുന്നത്. കര നെൽകൃഷിക്കും തരിശുനില കൃഷിക്കുമുള്ള കർഷക ഗ്രൂപ്പ് രൂപീകരിക്കുന്നതിന് സഹായം നൽകുന്നതാണ്. ഒരോ പ്രദേശത്തിനും അനുയോജ്യമായ സർട്ടിഫൈഡ് വിത്തുകൾ ലഭ്യമാക്കുന്നത് ഉറപ്പാക്കുന്നതിനായി രജിസ്ട്രേഡ് സീഡ് ഗ്രോവേഴ്സ് പ്രോഗ്രാം (ആർ. എസ്. ജി. പി) സീഡ് വില്ലേജ് അടിസ്ഥാനത്തിൽ ഊന്നൽ നൽകിക്കൊണ്ട് തുടരുന്നതാണ്.

രാജ്യത്ത് തന്നെ ആദ്യമായി സംസ്ഥാനത്ത് നെൽവയൽ ചമകരക്ക് റോയൽറ്റി പദ്ധതി 2020 മുതൽ ആരംഭിച്ചിരിക്കുകയാണ്. നെൽവയലുകൾ രൂപമാറ്റം വരുത്താതെയും തരംമാറ്റാതെയും സംരക്ഷിക്കുന്ന ഭൂവുടമകൾക്ക് പ്രതിവർഷം ഹെക്ടറിന് 2000/- രൂപ നിരക്കിൽ റോയൽറ്റി ലഭിക്കും.

പ്രാദേശിക പ്രാധാന്യമുള്ള വിളകളുടെ വികസനം

റാഗി, ഫിംഗർമില്ലറ്റ്, ഫോക്സ് റെയിൽ മില്ലറ്റ് , ലിറ്റിൽ മില്ലറ്റ് മുതലായ മില്ലറ്റുകളും എണ്ണക്കുരുക്കളായ കപ്പലണ്ടി, എള്ള്, കരിമ്പ് എന്നിവയുടെ കൃഷി സാധ്യതാ പ്രദേശങ്ങളിൽ പ്രോത്സാഹിപ്പിക്കുന്നതിന് ഉദ്ദേശിച്ചിരിക്കുന്നു. ഗുണമേന്മയോടുകൂടിയ വിത്തുകൾക്കും, ഭൂമി ഒരുക്കൽ, ജലസേചനം, തുടങ്ങിയവയുടെ ചെലവുകൾക്കുമാണ് സഹായം ഏർപ്പെടുത്തിയിട്ടുള്ളത്. പട്ടികവർഗ്ഗ സമൂഹത്തിന് ആഹാരവും പോഷക സുരക്ഷയും ഉറപ്പാക്കുന്നതിനായി അവരുടെ ഭൂമിയിൽ വിള ഉല്പാദന പരിപാടികൾ നടത്തിവരുന്നു. പരമ്പരാഗത ഇനങ്ങളും കൃഷിരീതികളും സംരക്ഷിക്കുന്നതിനും ഈ പരിപാടിയിലൂടെ ഉദ്ദേശിച്ചിരിക്കുന്നു.

പച്ചക്കറി വികസനം

വിട്ടുവളപ്പിലുള്ള പച്ചക്കറി കൃഷി, നഗര ക്ലസ്റ്ററുകൾ മുഖേന മട്ടുപ്പാമ്പിലെ പച്ചക്കറി കൃഷിക്കായി ഗ്രോബാഗുകൾ, ക്ലസ്റ്റർ അടിസ്ഥാന വാണിജ്യ കൃഷി, പച്ചക്കറി വിത്തുല്പാദനവും വിതരണവും, സ്ഥാപനങ്ങളിലെ പച്ചക്കറി തോട്ടങ്ങളുടെ പ്രോത്സാഹനം, റെയിൻ ഷെൽറ്റർ പച്ചക്കറി കൃഷിക്കുള്ള പ്രോത്സാഹനം, ബി. എൽ.എഫ്.ഒ കൾക്കുള്ള സഹായം, വള പ്രയോഗത്തോടടുത്തുള്ള സൂക്ഷ്മ ജലസേചനത്തിനുള്ള സഹായം, ഉല്പാദനക്ഷമതാ വർദ്ധനവിനുള്ള പരിപാടികൾ, വിപണനം, ഹൈടെക് പച്ചക്കറി ഉല്പാദനം എന്നിവയാണ് ഈ പദ്ധതിയുടെ പ്രധാന ഘടകങ്ങൾ. ക്ലസ്റ്റർ അടിസ്ഥാനത്തിലുള്ള വികസനമാണ് സംസ്ഥാനത്തെ പച്ചക്കറി വികസന പരിപാടിയുടെ മുഖ്യഘടകം. ക്ലസ്റ്ററുകളുടെ 5 ഹെക്ടർ എന്ന ഉയർന്ന പരിധി ഇളവ് ചെയ്ത്, അർഹമായ സഹായം ക്ലസ്റ്ററുകളെ കൃഷി ചെയ്യുന്ന വിന്യതിയനുസരിച്ച് നൽകുന്നതാണ്.

തെരഞ്ഞെടുത്ത ബ്ലോക്കുകളിൽ ക്ലസ്റ്ററുകൾ മുഖേന നഴ്സറികൾ സ്ഥാപിക്കുന്നതാണ്. നിലവിലുള്ള നഴ്സറികൾക്കുള്ള റിവോൾവിംഗ് ഫണ്ടും പുതിയ നഴ്സറികൾക്കുള്ള സഹായവും ഇതിൽ ഉൾപ്പെടുന്നു. ഗ്രാമ പഞ്ചായത്തുകൾ, കോർപ്പറേഷനുകൾ, തിരഞ്ഞെടുത്ത മുനിസിപ്പാലിറ്റികൾ എന്നിവിടങ്ങളിൽ വിത്തുല്പാദനത്തിനും വിതരണത്തിനും ചെറിയ നഴ്സറികൾ സ്ഥാപിക്കുന്നതിനും ധനസഹായമുണ്ട്. അടുക്കള പച്ചക്കറി തോട്ടത്തിനായി കേരള കാർഷിക സർവ്വകലാശാല വികസിപ്പിച്ചെടുത്ത 10, 20 ച.മീ. വലിപ്പമുള്ള മിനി പോളിഹൗസുകൾക്ക് പ്രോത്സാഹനം നൽകുന്നതാണ്. പരിശീലനങ്ങൾ, മേൽനോട്ടം, വിലയിരുത്തൽ, ഡോക്യുമെന്റേഷൻ എന്നിവ ഉൾപ്പെടുത്തിയിട്ടുണ്ട്.

ഫാമിലി ഡ്രിപ്പ് സിസ്റ്റം നടപ്പിലാക്കുന്നതൾപ്പെടെ വളപ്രയോഗത്തോടടുത്തുള്ള സൂക്ഷ്മ ജലസേചനത്തിനായി ധനസഹായം നൽകുന്നു. കൃഷിവിജ്ഞാന കേന്ദ്രങ്ങളുടെ സഹായത്തോടെ ഗ്രേഡഡ് ക്ലസ്റ്ററുകളുമായി ബന്ധപ്പെടുത്തി ചെറിയ മൂല്യവർദ്ധനവ് യൂണിറ്റുകൾ സ്ഥാപിക്കുന്നതിനും ധനസഹായമുണ്ട്.

ജീവനി - നമ്മുടെ കൃഷി, നമ്മുടെ ആരോഗ്യം

2020-21 വർഷത്തോടുകൂടി സംസ്ഥാനത്തെ പച്ചക്കറി കൃഷിയിൽ സ്വയംപര്യാപ്തത കൈവരിക്കുന്നതിനും 365 ദിവസവും സുക്ഷിത പച്ചക്കറി ലഭ്യമാക്കുന്നതിനും അതുവഴി ഒരോ വ്യക്തിയുടെയും ആരോഗ്യകരമായ ജീവിതം ഉറപ്പാക്കുന്നതിനാണ് മിഷൻ പ്രോജക്ട് 2020-21 (2020 ജനുവരി ഒന്നു മുതൽ 2021 ഏപ്രിൽ (വിഷു) വരെയുള്ള 470 ദിവസം) പദ്ധതിയിലൂടെ ലക്ഷ്യമിടുന്നത്. ഇതിനായി സംസ്ഥാനത്തെ എല്ലാ വിട്ടുവളപ്പിലും വിവിധയിനം ഇലവർഗ്ഗങ്ങൾ, പയർ വർഗ്ഗങ്ങൾ, നാരങ്ങയില പച്ചക്കറി ഇനങ്ങൾ ബഹുവർഷ പച്ചക്കറി ഇനങ്ങൾ എന്നിവ കൃഷിചെയ്യേണ്ടതിന്റെ പ്രാധാന്യത്തെപ്പറ്റി ജനങ്ങളെ അവബോധരാക്കേണ്ടതുണ്ട്. അന്യസംസ്ഥാനങ്ങളിൽ നിന്നുള്ള പച്ചക്കറി ഇറക്കുമതി കുറയ്ക്കുന്നതിനും, വർഷത്തിലെ 365 ദിവസവും പച്ചക്കറി ഉല്പാദിപ്പിക്കുവാനും അതിലൂടെ കേരളത്തെ പച്ചക്കറി ഉല്പാദനത്തിൽ സ്വയം പര്യാപ്തതയിൽ എത്തിക്കുകയുമാണ് ഈ പദ്ധതിയിലൂടെ വിഭാവനം ചെയ്തിട്ടുള്ളത്.

16 ഇനം പഴം-പച്ചക്കറികൾക്ക് അടിസ്ഥാന വില

2020 നവംബർ 1 ന് 16 ഇനം പഴം പച്ചക്കറികൾക്ക് സംസ്ഥാന സർക്കാർ അടിസ്ഥാന വില പ്രഖ്യാപിച്ചിരിക്കുകയാണ്. നിർണ്ണയിക്കപ്പെട്ടിട്ടുള്ള 16 ഇനം ഉത്പന്നങ്ങളുടെ വില അടിസ്ഥാനവിലയേക്കാൾ താഴ്ന്ന സാഹചര്യത്തിൽ കൃഷിവകുപ്പിന്റെയും സഹകരണവകുപ്പിന്റെയും തെരഞ്ഞെടുത്ത സംഭരണകേന്ദ്രങ്ങളിൽ ഇവ സംഭരിച്ച് അടിസ്ഥാന വില കുറയ്ക്കരുടെ അക്കൗണ്ടിലേക്ക് നൽകുന്നതാണ് പദ്ധതി. മരച്ചീനി, നേന്ത്രൻ, കൈതച്ചക്ക, കമ്പളം, വെള്ളരി, പാവൽ, പടവലം, വള്ളിപ്പയർ, തക്കാളി, വെണ്ട, ക്യാബേജ്, ക്യാരറ്റ്, ഉരുക്കിഴങ്ങ്, ബീൻസ്, ബീറ്റ്റ്, വെളുത്തുള്ളി എന്നീ ഇനങ്ങൾക്കാണ് അടിസ്ഥാന വില പ്രഖ്യാപിച്ചിട്ടുള്ളത്. റഫറൻസ് വിപണി വിലയിലെ മാറ്റങ്ങൾക്കനുസരിച്ച് കാലാകാലങ്ങളിൽ അടിസ്ഥാന വില മാറുന്നതാണ്.

കേരഗ്രാമം

നാളികേര വികസന പദ്ധതിയുടെ കീഴിൽ തേങ്ങയുടെ ഉൽപ്പാദനവും ഉൽപ്പാദനക്ഷമതയും വർദ്ധിപ്പിക്കുന്നതിനായി രോഗം ബാധിച്ചതും പ്രായം ചെന്നതുമായ തെങ്ങുകൾ വെട്ടി മാറ്റി പുതിയ തൈകൾ നടുക, സംയോജിത കീടരോഗ നിയന്ത്രണം, സംയോജിത വളപ്രയോഗം, ഇടവില കൃഷികൾ പ്രോത്സാഹിപ്പിക്കൽ, ജലസേചന സൗകര്യങ്ങൾ, മൂല്യ വർദ്ധിത ഉല്പന്നങ്ങളുടെ പ്രോത്സാഹനം. ഗുണമേന്മയുള്ള തൈകൾ ലഭ്യമാക്കുക, തൊഴിലവസരം ഉറപ്പാക്കുക മുതലായ പ്രവർത്തനങ്ങൾ ലക്ഷ്യമിട്ടു കൊണ്ട് തുടർച്ചയായ പ്രദേശങ്ങളിൽ കറഞ്ഞത് 250 ഹെക്ടർ പ്രദേശത്ത് കേരഗ്രാമം എന്ന പേരിൽ പ്രവർത്തനങ്ങൾ നടപ്പിലാക്കിവരുന്നു.

നാളികേര വികസന കൗൺസിൽ

സംസ്ഥാനത്തെ നാളികേരവികസന മേഖലയിൽ 2018-മുതൽ 2028 വരെയുള്ള പത്തുവർഷകാലയളവിലെ സമഗ്രവികസനം മുൻനിർത്തി, വിളവിന്യതി, സ്ഥാപനം, ഉത്പാദനം-ഉത്പാദനക്ഷമത വർദ്ധനവ്, സംയോജിത വിളപരിപാലന പ്രവർത്തനങ്ങൾ നടപ്പാക്കുക, തുടങ്ങിയ ലക്ഷ്യങ്ങൾ നിറവേറ്റുന്നതിന്, സർക്കാർ നാളികേര വികസന കൗൺസിൽ രൂപീകരിച്ചു. G.O (MS) നം: 138/2018/അഗ്രി തീയതി 21-11-2018, അഗ്രി (WTO cell) പ്രകാരം, കൃഷിവകുപ്പ് മന്ത്രി സംസ്ഥാനതല ജനറൽ കൗൺസിൽ ചെയർമാനായും, പ്രിൻസിപ്പൽ കൃഷി ഓഫീസർ ജില്ലാതല കൗൺസിൽ ചെയർമാനായും ചുമതല വഹിക്കുന്നു. നാളികേരവികസന കൗൺസിലിന് കീഴിൽ, തെങ്ങിൻതോട്ടങ്ങൾ പുനരുജ്ജീവിപ്പിക്കുന്നതിന്റെ ഭാഗമായി ഇനി പറയുന്ന പ്രവർത്തനങ്ങൾ വിഭാവനം ചെയ്തിട്ടുണ്ട്. രോഗം ബാധിച്ചതെങ്ങുകൾ നീക്കം ചെയ്ത് തോട്ടങ്ങൾ പുനരുജ്ജീവിപ്പിക്കുക, തെങ്ങിന്റെ ഉത്പാദനക്ഷമത വർദ്ധിപ്പിക്കുക, കാർഷിക വ്യവസായമായ തെങ്ങുകൃഷിയെ സംരക്ഷിക്കുക.

നാളികേര വികസന കൗൺസിലിന് കീഴിൽ, കാർഷിക സർവ്വകലാശാല, നാളികേര വികസന ബോർഡ് കേന്ദ്രതോട്ടവിളവേഷണകേന്ദ്രം, കാർഷികോല്പാദക സംഘങ്ങൾ, തദ്ദേശസ്ഥാപനങ്ങൾ എന്നിവയുടെ സഹകരണത്തോടുകൂടി, പ്രതിവർഷം ഓരോ വാർഡിലും 75 തെങ്ങിൻതൈകൾ വീതം വിതരണം ചെയ്ത് തെങ്ങിൻതോട്ടങ്ങൾ പുനരുജ്ജീവിപ്പിക്കുന്നതിനുള്ള പദ്ധതി നടപ്പാക്കുന്നു.

പഴവർഗ്ഗങ്ങൾ, പൂക്കൾ, ഔഷധസസ്യങ്ങൾ എന്നിവയുടെ വികസനം

പദ്ധതി കൃഷിവകുപ്പും വി.എഫ്.പി.സി.കെയും സംയുക്തമായി സംസ്ഥാനത്തൊട്ടാകെ നടപ്പിലാക്കുന്നതാണ്. പ്രത്യേക കാർഷിക മേഖലയിൽ ഹൈൻസിറ്റി പ്ലാന്റിംഗ് ഉൾപ്പെടെ വാഴക്കൃഷിക്കായി പ്രത്യേക ധനസഹായം/ ആനുകൂല്യങ്ങൾ എന്നിവയ്ക്കുള്ള തുകയും ഇതിൽ ഉൾപ്പെടുത്തിയിട്ടുണ്ട്.

ദാർക്കിഡ്, ആന്റിയം, മാരിഗോൾഡ്, ഹെലിക്കോണിയ, കുറ്റിമൂല്ല്, ജറബാ തുടങ്ങിയ പൂക്കളുടെ വികസനത്തിനായി വയനാട് ജില്ലയിൽ പൂക്കൾക്കായുള്ള മികവിന്റെ കേന്ദ്രം സ്ഥാപിച്ചിട്ടുണ്ട്. ഫ്ലോറിക്കൾച്ചർ തുടങ്ങുന്നതിനുള്ള സഹായവും ടിഷ്യൂകൾച്ചർ യൂണിറ്റുകൾ ഉൾപ്പെടെ പുതിയ ഫ്ലോറിക്കൾച്ചർ നഴ്സറികൾ, ഗ്രേഡിംഗ്/പായ്യിംഗ് സെന്ററുകൾ എന്നിവ സ്ഥാപിക്കുന്നതിനുള്ള സഹായവും നൽകുന്നതാണ്.

'വൈഗ' അന്താരാഷ്ട്ര ശില്പശാലയും പ്രദർശനവും

കാർഷികോത്പന്ന സംസ്കരണം, മൂല്യവർദ്ധനവ് എന്നിവ ആസ്പദമാക്കി 2016-ൽ ആരംഭിച്ച അന്താരാഷ്ട്ര ശില്പശാലയും പ്രദർശന ശാലയും പ്രദർശനവും 4 എഡിഷനുകൾ വിജയകരമായി നടത്തപ്പെട്ടിരിക്കുകയാണ്. വിവിധ കാർഷികോത്പന്നങ്ങളെ കേന്ദ്രീകരിച്ച് അവയുടെ സംസ്കരണവും മൂല്യവർദ്ധനവും പ്രധാന വിഷയങ്ങളാക്കി സംഘടിപ്പിക്കുന്ന ശില്പശാല കാർഷിക സംരംഭകരെ ഉദ്ദേശിച്ചുകൊണ്ട് നടപ്പിലാക്കുന്ന ഒരു പദ്ധതിയാണ്. ഉത്പാദനത്തോടൊപ്പം മൂല്യവർദ്ധനവും, വിപണനവും ശ്രദ്ധ നൽകിക്കൊണ്ട് കർഷകരെയും യുവാക്കളെയും കാർഷിക മേഖലയിലേക്ക് ആകർഷിക്കുന്നതിനും നവസംരംഭങ്ങൾ സൃഷ്ടിക്കുന്നതിനും വൈഗ ലക്ഷ്യമിടുന്നു. കാർഷിക സർവകലാശാല വികസിപ്പിച്ചെടുത്ത 66 സാങ്കേതിക വിദ്യകളാണ് രണ്ടാമത് വൈഗയിൽ കർഷകർക്ക് കൈമാറിയത്. നാല് വൈഗകളിലായി തെങ്ങ്, പഴം-പച്ചക്കറികൾ, ചെറുധാന്യങ്ങൾ, നെല്ല്, സുഗന്ധവിളകൾ, പൂക്കൾ എന്നിവയെ അടിസ്ഥാനമാക്കിയുള്ള സാങ്കേതിക സെക്ഷനുകൾ നടത്തപ്പെടുകയുണ്ടായി.

കർഷകക്ഷേമനിധി ബോർഡ്

കേരളത്തിലെ കർഷകരുടെ സാമ്പത്തിക സുരക്ഷയും ക്ഷേമവും ഉറപ്പാക്കുന്നതിനായി സംസ്ഥാനസർക്കാർ രാജ്യത്തിന് തന്നെ മാതൃകയായി കേരള കർഷകക്ഷേമനിധി ബോർഡ് 2020 ഒക്ടോബർ മാസം രൂപീകരിച്ചു. കർഷകക്ഷേമത്തിനായി പ്രത്യേക പദ്ധതികളാണ് ഇതിൽ ഉൾപ്പെടുത്തിയിരിക്കുന്നത്. 5 വർഷത്തിൽ കുറയാതെ അംശദായം അടയ്ക്കുകയും അംഗമായി തുടരുകയും 60 വയസ്സ് പൂർത്തിയാക്കുകയും ചെയ്ത കർഷകർക്ക്, അവർ ഒടുക്കിയ അംശദായത്തിന്റെ തോത് കണക്കാക്കി പ്രതിമാസം പെൻഷനും ബോർഡ് നൽകും. ഇതുകൂടാതെ അവസരാനുകൂല്യം, ചികിത്സ സഹായം, പ്രസവാനുകൂല്യം, വിദ്യാഭ്യാസ ധനസഹായം, മരണാനന്തര ആനുകൂല്യം തുടങ്ങിയ ആനുകൂല്യങ്ങളും ബോർഡിന്റെ പദ്ധതിയിലുണ്ട്.

CENTRAL SECTOR SCHEME -SUB MISSION ON AGRICULTURE MECHANIZATION (SMAM)

Scheme Sub Mission on Agriculture Mechanization(SMAM) under National Mission on Agricultural Extension and Technology (NAMET) comes under the scheme Krishi Unnathi Yojana. The scheme mainly intends to promote the usage of farm mechanization and increase the ratio of farm power to cultivable unit area.

Mission Objectives

The scheme envisages accomplishing the following objectives.

- Increasing the reach of farm mechanization to small and marginal farmers and to the regions where availability of farm power is low;
- Promoting,, Custom Hiring Centres to offset the adverse economies of scale arising due to small landholding and high cost of individual ownership;
- Creating hubs for hi-tech & high value farm equipments;
- Creating awareness among stakeholders through demonstration and capacity building activities;

Mission Components

- Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration.
- Demonstration, Training and Distribution of Post-Harvest technology.
- Financial Assistance for Procurement of Agricultural Machinery and Equipment :
- Establish Farm Machinery Banks for Custom Hiring: Provides suitable financial assistance to establish Farm Machinery Banks for Custom Hiring for appropriate locations and crops.
- Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring : Provides financial assistance to set up hi-tech machinery hubs for high value crops like sugarcane, cotton etc.
- Promotion of Farm Mechanization in Selected Villages: Provides financial assistance to promote appropriate technologies and to set up Farm Machinery Banks in identified villages in low mechanized states.
- Financial Assistance for Promotion of Mechanized Operations /hectare Carried out Through Custom Hiring Centres.

KARSHAKA PENSION SCHEME FOR SMALL AND MARGINAL FARMERS

The state government is implementing monthly pension scheme for small and marginal farmers above 60 years of age whose major source of livelihood is agriculture. Farmers enrolled will be given monthly pension @ Rs1400/-.

SELECTED INDICATORS IN AGRICULTURAL SECTOR KERALA AND INDIA

Sl.No.	Item	Unit	Kerala	India
(1)	(2)	(3)	(4)	(5)
1.	Geographical Area	'000 Sq.Km.	38.86	3166
2.	Population (2011 Census)	Lakhs.	334	12102
3.	Males (As a % of Total population- 2011 Census)		48	51.54
4.	Females (As a % of Total population- 2011 Census)		52	48.46
5.	Rural Population (As a % of Total population- 2011 Census)		52.28	68.84
6.	Urban Population (As a % of Total population- 2011 Census)		47.72	31.16
7.	2001-2011 Decadal Growth of Population	Per cent	4.86	17.64
8.	Density of Population/Sq. km.(2011)	No.	859	382
9.	Sex Ratio - Female/1000 Male(2011)	"	1084	940
10.	Growth rate of population (2001 - 2011)	%	4.86	17.64
11.	Literacy Rate (2011)	%	93.91	74.04
12.	income at current prices (2005-06)	Rs.	30668	17978 (2001-02)
13.	Percentage share of State Income from agriculture (2006-07)	%	14.55	
14.	Gross cropped area (2018-19)	Lakh ha.	25.71	1983.6 (2014-15)
15.	Net area sown (2018-19)	"	20.33	1401.3 (2014-15)

16. Net area sown as percentage to geographical area (2018-19)	%	52.32	42.62 (2014-15)
17. Area under rice (2018-19)	Lakh ha.	2.02	431.9 (2016-17)
18. Annual growth rate in area of foodgrain (2017-18)	%	4.78	-1.64
19. food grain availability (2016)	kg./annum		177.7
20. Food grain production (2016-17)	Million Tonnes	0.436	275.6
21. Production of rice (2017-18)	Lakh tonnes	5.21	1129.1
22. Productivity of rice (2018-19)	kg/ha.	2920	2578
23. Net area irrigated (2018-19)	Lakh.ha	4.04	683.8 (2014-15)
24. Fertilizer consumption (2017-18)	'000 tonnes	180.4	26593.4
25. Number of cattle (2019 census)	Lakh No.	13.42	192.49 (2012)
26. Production of milk (2019-20)	Lakh tonnes.	25.42	1084 ((2008-09)
27. Production of eggs (2019-20)	Lakh Nos.	21811.86	556378 (2008-09)
28. Production of meat (2019-20)	'000 tonnes	28265	3822 (2008-09)
29. Production of fish (2015-16)	Lakh tonnes	7.27	100.69 (2014-15)

SOILS OF KERALA

Coastal Alluvium

These soils of marine origin are identified along the coastal plains and basin lands as a narrow strip. The soils of the coastal plains are very deep with sandy texture. These soils have high water table, the water holding capacity is poor due to the predominance of sand.

Alluvium

These soils occur 20m below MSL and is mainly noticed close to coastal alluvium, Kuttanad and adjacent area and kole lands of Thrissur district. The soils are frequently flooded and submerged. Sandy clay loam to clay is the predominant texture and medium fertility status is the general trend.

Kari Soils (Acid Sulphate Soils)

The major occurrence is identified at Purakkad, Vaikom, Kaduthuruthy and Thuravur. The area generally lies at or below MSL and is subject to frequent flooding and water stagnation. These soils have relatively high proportion of organic residues and severe soil and environmental limitations, which pose a threat to crop production. The soil is heavy in texture, poorly aerated and ill drained. The texture of the soil ranges from sandy clay to clay with intermediate texture of silty clay loam and clay loam. Even though these soils have medium to high general fertility status, high acidity, salinity, presence of toxic materials and submergence restrict crop selection to paddy.

Red soils

They are localised in occurrence and are found mostly in the southern parts of Thiruvananthapuram district and in pockets in catenary sequence along the foot slopes of laterite hills and mounds. A variety of crops such as coconut, arecanut, banana, yams, pineapple, vegetables, fruit trees etc., can be grown under proper management.

Laterite Soils

These soils mainly occur in the midlands at elevation 20 to 100m above M.S.L. as a strip between the coastal belt and hilly midupland. All these laterite soils are acidic with low water holding capacity, soil erosion and reduced effective soil volume. The laterite soil is generally suitable for most of the dryland crops. It is mainly cultivated with coconut, arecanut, banana, tapioca, vegetables, yams, pepper, pineapple, fruit trees etc.

Hill Soils

The texture of these soils generally ranges from loam to clay loam with average gravel content of 10 to 50%. The area is suitable for all dryland crops like rubber, coconut, arecanut and fruit trees based on the lie of the land. Crops such as banana, pepper, pineapple, vegetables can be grown in foot slopes.

Black Cotton Soils

These soils are identified in alluvial plains, terraces and undulating plains of Chittur taluk in Palakkad district in patches. These soils are very deep, black and calcareous. The texture of the soil ranges from clay loam to clay. The pH of the soil ranges from 6.5 to 8.5. A variety of crops such as coconut, sugarcane, groundnut, cotton, chilly, pulses and vegetables are grown here.

Forest Soil

The texture of the soil ranges from sandy clay loam to clay with reddish brown to very dark brown colour. Infertility status is medium to high. Forest trees, shrubs and grasses etc. are grown here.

SOIL TYPES IN KERALA (DISTRICT-WISE)

District	Type of soil	Details of location
Thiruvananthapuram	Fairy rich brown loam of laterite sandy loam Rich dark brown loam of granite origin	Middle part of the district Western coastal region Eastern hilly parts of the district
Kollam	Sandy loam Laterite soil	Karunagappally and part of Kollam taluks Kottarakkara, Kunnathur and parts of Kollam and Pathanapuram taluks
Pathanamthitta	Clay soil Laterite soil	Western and Eastern hilly regions Parts of Ranni and Kozhencheri taluks
Alappuzha	Sandy loam Sandy soil Clayey loam with much acidity Laterite soil	Karthikappally and parts of Mavelikkara Cherthala and Ambalapuzha taluks Kuttanad Chengannur and part of Mavelikara taluks
Kottayam	Laterite soil Aluvial soil	Parts of Changanacherry and Kottayam, Kanjirappally and Mennachal taluks Vaikom taluk and part of Changanacherry and Kottayam taluks
Idukki	Laterite soil Aluvial soil	Peermade and Thodupuzha taluks Devicolam and Udumbanchola taluks
Ernakulam	Laterite soil	Muvattupuzha, Kothamangalam and part of Aluva and Kunnathunad taluks
Thrissur	Sandy loam Alluvial soil Sandy loam Laterite soil Clayey soil	Parur, Kochi and Kanayannur taluks Parts of Aluva and Kunnathunad taluks Part of Mukundapuram, Thrissur and Chavakkad taluks Eastern part of Thrissur and Western part of Thalappally taluks Back-water area of Chavakkad and Mukundapuram taluk
Palakkad	Aluvial soil Laterite soil Black soil	Portions of Chavakkad taluk Major part of the district North-Eastern part of Chittur taluk
Malappuram	Laterite soil Sandy soil	Interior region of the district Along the coastal belt on the district
Kozhikode	Laterite soil Sandy soil	Major part of the district except coastal strip Coastal strip
Wayanad	Laterite soil Loamy soil	Major part of the district Valleys in the middle portion of the district
Kannur	Laterite soil Sandy soil	Major part of the district except coastal strip coastal strip
Kasargod	Laterite soil Sandy soil	Major part of the district except coastal strip Coastal strip

CROPS, MANURES & FERTILIZERS, SPACING, SEED RATE CONVERSION RATE etc.

CULTIVATED CROPS OF KERALA

Common name	Malayalam name	Botanical name	Family
(1)	(2)	(3)	(4)
Cereals			
Chama (Little millet)	Chama	Panicum sumatrense	Poaceae
Kodo millet	Varagu	Paspalum scorbiculatum	Poaceae
Maize	Cholam	Zea mays	Poaceae
Rice	Nellu	Oryza sativa	Poaceae
Ragi (Finger millet)	Koovaraku	Eleusine coracana	Poaceae
Pulses			
Black gram	Uzhunnu	Vigna mungo	Fabaceae
Cowpea	Perumpayar	Vigna unguiculata	Fabaceae
Green gram	Cherupayar	Vigna radiata	Fabaceae
Horse gram	Muthira	Macrotyloma uniflorum	Fabaceae
Red gram	Thuvarappayar	Cajanus cajan	Fabaceae
Green Pea	Green peas	Pisum sativum	Fabaceae
Soybean	Soyabean	Glycine max	Fabaceae
Tubers			
Arrow root	Koova	Maranta arundinaceae	Marantaceae
Chinese Potato	Koorka	Plectranthes rotundifolius	Labiatae
Taro	Chembu	Colocasia esculenta	Araceae
Elephant Foot Yam	Chena	Amorphophallus paeoniifolius	Araceae
Potato	Urulakizhangu	Solanum tuberosum	Solanaceae
Radish	Mullangi	Raphanus sativus	Brassicaceae
Sweet potato	Cheenikizhangu	Ipomoea batatas	Convolvulaceae
Turnip	Seemamullangi	Brassica rapa	Brassicaceae
Tannia(Xanthosoma)	Palchembu	Xanthosoma sagittifolium	Araceae
Tapioca	Maracheeni	Manihot esculenta	Euphorbiaceae
GreaterYam	Kachil	Dioscorea alata	Dioscoreaceae
Lesser Yam	Cherukizhangu	Dioscorea esculenta	Dioscoreaceae
White Yam	African Kachil	Dioscorea rotundata	Dioscoreaceae
Yam bean	Pachyrrhizus	Pachyrrhizus erosus	Fabaceae
Coleus	Korkka	Solenostemon rotundifolius	Lamiaceae
Vegetables			
Brinjal	Vazhuthana	Solanum melongena	Solanaceae
Tomato	Thakkali	Solanum lycopersicum	Solanaceae
Chilli	Mulaku	Capsicum annum	Solanaceae
Amaranth	Cheera	Amaranthus spp.	Amaranthaceae
Okra	Venda	Abelmoschus esculentus	Malvaceae
Bitter gourd	Paval	Momordica charantia	Cucurbitaceae
Bottle gourd	Churakka	Lagenaria siceraria	Cucurbitaceae
Snake gourd	Padavalam	Trichosanthes cucumerina	Cucurbitaceae
Ridge gourd	Peechanga	Luffa acutangula	Cucurbitaceae
Ash gourd	Kumbalam	Benincasa hispida	Cucurbitaceae
Cucumber	Vellari	Cucumis sativus	Cucurbitaceae
Water Melon	Thannimathan	Citrullus lanatus	Cucurbitaceae

Little gourd	Koval	Coccinia grandis	Cucurbitaceae
Sword bean	Valaringa	Canavalia gladiata	Fabaceae
French bean	Beans	Phaseolus vulgaris	Fabaceae
Beet root	Beet root	Beta vulgaris	Chenopodiaceae
Indian bean	Amara	Lablab purpureus	Fabaceae
Drumstick	Muringa	Moringa oleifera	Moringaceae
Musk melon	Thaikumbalam	Cucumis melo	Cucurbitaceae
Pumpkin	Mathan	Cucurbita moschata	Cucurbitaceae
Red pumpkin	Vellarimathan	Cucurbita maxima	Cucurbitaceae

Cool season vegetables

Cabbage	Muttakose	Brassica oleracea var. capitata	Brassicaceae
Carrot	Carrot	Daucus carota	Apiaceae
Cauliflower	Cauliflower	Brassica oleracea var. botrytis	Brassicaceae
Radish	Mullangi	Raphanus sativus	Brassicaceae
Onion	Ulli	Allium cepa	Liliaceae

Fruits

Banana	Vazha	Musa spp.	Musaceae
Bread fruit	Seemachakka	Artocarpus altilis	Moraceae
Bullock's heart	Malamunthiri	Annona reticulata	Annonaceae
Cashew	Kasuvandi	Anacardium occidentale	Anacardiaceae
Sweet-sop	Seethapazham	Annona squamosa	Annonaceae
Grapes	Munthiringa	Vitis vinifera	Vitaceae
Guava	Perakka	Psidium guajava	Myrtaceae
Indian Gooseberry	Nellikka	Phyllanthus embica	Phyllanthaceae
Jack	Chakka	Artocarpus heterophyllus	Moraceae
Jujube	Elantha	Zizyphus jujuba	Rhamnaceae
Lemon	Naranga	Citrus lemon	Rutaceae
Lime	Cherunaranga	Citrus aurantifolia	Rutaceae
Mandarin	Orange	Citrus reticulata	Rutaceae
Mango	Manga	Mangifera indica	Anacardiaceae
Mangosteen	Mangosteen	Garcinia mangostana	Clusiaceae
Papaya	Pappakka	Carica papaya	Caricaceae
Pineapple	Kaithachakka	Ananas comosus	Bromeliaceae
Pomegranate	Mathalanaranga	Punica granatum	Punicaceae
Pomelo	Bamplimas	Citrus decumana	Rutaceae
Sapota	Sapota	Manilkara zapota	Sapotaceae
West Indian cherry	West Indian cherry	Malpighia puniceifolia	Malpighiaceae

Spices & Condiments

Cardamom	Elam	Elettaria cardamomum	Zingiberaceae
Cinnamon	Karuvapatta	Cinnamomum zeylanicum	Lauraceae
Clove	Grambu	Syzygium aromaticum	Myrtaceae
Vanilla	Vanilla	Vanilla planifolia	Orchidaceae
Ginger	Inchi	Zingiber officinale	Zingiberaceae
Mango ginger	Manga inchi	Curcuma amada	Zingiberaceae
Nutmeg	Jathika	Myristica fragrans	Myristicaceae
Pepper	Kurumulaku	Piper nigrum	Piperaceae
Camboge	Kudampuli	Garcinia gummi-gutta var. gummi-gutta	Clusiaceae
Tamarind	Puli	Tamarindus indicus	Leguminosae
Turmeric	Manjal	Curcuma longa	Zingiberaceae

Chilli	Mulaku	Capsicum annum	Solanaceae
Coriander	Kothamalli	Coriandrum sativum	Apiaceae
Indian mustard	Kaduku	Brassica juncea	Brassicaceae
Cumin	Jeerakam	Cuminum cyminum	Apiaceae
Garlic	Veluthulli	Allium sativum	Liliaceae
Long Pepper	Thippali	Piper longum	Piperaceae
Cinchona	Cinchona	Cinchona officinalis	Rubiaceae
Allspice	Allspice	Pimenta dioica	Myrtaceae
Fennel	Perumjeerakam	Foeniculum vulgare	Apiaceae

Oil Seeds

Coconut	Thengu	Cocos nucifera	Arecaceae
Sesamum	Ellu	Sesamum indicum	Pedaliaceae
Groundnut	Nilakkadala	Arachis hypogaea	Fabaceae
Indian Mustard	Kaduku	Brassica juncea spp. juncea	Brassicaceae
Castor	Avanakku	Ricinus communis	Euphorbiaceae
Oil Palm	Ennappana	Elaeis guineensis	Arecaceae

Commercial Groups

Cashew	Kasuvandi	Anacardium occidentale	Anacardiaceae
Cotton	Paruthi	Gossypium sp	Malvaceae
Rubber	Rubber	Hevea Brasiliensis	Euphorbiaceae
Sugarcane	Karimbu	Saccharum officinarum	Poaceae

Beverages

Coffee	Kappi	Coffea spp.	Rubiaceae
Tea	Theyila	Camellia sinensis	Theaceae
Cocoa	Cocoa	Theobroma cacao	Sterculiaceae

Stimulants

Arecanut	Kamuku	Areca catechu	Arecaceae
Betel vine	Vettilla	Piper betle	Piperaceae
Tobacco	Pukayila	Nicotiana tabacum	Solanaceae

Green Manure Crops

Gliricidia	Seemakonna	Gliricidia maculata	Fabaceae
Crotalaria(Striped)	Kilukki	Crotalaria mucronata	Fabaceae
Sunn hemp	Kattuchanambu	Crotalaria juncea	Fabaceae
Daincha	Daincha	Sesbania aculeata	Fabaceae
Calapagonium	Calapagonium	Calapagonium muconoides	Fabaceae
Kudzuvine	Kudzu payer	Pueraria javanica	Fabaceae
Wild indigo	Kozhinji	Tephrosia purpurea	Fabaceae
Subabul	Sabubal	Leucaena leucocephala	Fabaceae

Fodder Crops

Bermuda	Karuka	Cynodon dactylon	Poaceae
Napier	Napier	Pennisetum purpureum	Poaceae
Guinea	Kuthirappullu	Panicum maximum	Poaceae
Para	Parapullu	Brachiaria mutica	Poaceae
Tropical kudzu	Kudzu	Pueraria phaseoloides	Fabaceae

Trees

Teak	Thekku	Tectona grandis	Verbenaceae
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Ebony	Karimaram	Diospyros ebenum	Ebenaceae
Jungle jack	Anjili/Aini	Artocarpus hirsutus	Moraceae
Poon	Kattupunna	Calophyllum polyanthum	Clusiaceae
Tree of Heaven	Perumaram	Ailanthus excelsa	Simaroubaceae
Sain/Laurel	Karimaruthu	Terminalia erenulata	Combretaceae
Kindal	Vellamaruthu	Terminalia paniculata	Combretaceae
Gurjun	Vella Ayani	Dipterocarpus indicus	Dipterocarpaceae
Iron wood tree	Kadamaram	Xylia zylocarpa	Mimosaceae
Venteak	Venthekku	Lagerstroemia microcarpa	Lythraceae
Siris	Vaka	Albizia lebbek	Fabaceae
Yellow teak	Manja Kadambu	Haldina cordifolia	Rubiaceae
Dita bark	Yezhilam pala	Astonia scholaris	Apocynaceae
Ekadania	Mulluvenga	Bridelia squamosa	Euphorbiaceae
Mahagony	Mahagany	Switenia mahogani	Meliaceae
Indian rose wood	Eetty	Dalbergia latifolia	Fabaceae
Jack	Plavu	Artocarpus heterophyllus	Moraceae
Bead tree	Manjadi	Adenantha pavonina	Mimosaceae
Rosewood	Eetti	Dalbergia latifolium	Fabaceae
Sandal	Chandanam	Santalum album	Santalaceae
Thambakam	Thambakam	Hopea parviflora	Dipterocarpaceae
Irul	Kadamaram	Xylia xylocarpa	Fabaceae
Thembavu	Thembavu	Terminalia tomentosa	Cambretaceae
Thorny bamboo	Mula	Bambusa arundinaceae	Poaceae
Mangium/Black wattle	Mangium	Acacia mangium	Fabaceae
Eucalyptus	Eucalyptus	Eucalyptus spp.	Myrtaceae
Casuarina	Kattadi	Casuarina equisetifolia	Casuarinaceae
Ailanthus	Matti	Ailanthus triphysa	Simaroubaceae
Wild jack	Aini/Anjili	Artocarpus hirsutus	Moraceae
Alexadrian laurel	Punna	Calophyllum ionophyllum	Calophyllaceae
Indian kino tree	Venga	Pterocarpus marsupium	Fabaceae
Chadachi/Dhaman	Chadachi	Grewia tilifolia	Tiliaceae

Medicinal & Aromatic Plants

Black cutch	Karingali	Acacia catachu	Mimosaceae
Asparagus	Sathavari	Asparagus racemosus varjavanicus	Liliaceae
Brahmi	Neerbrahmi	Bacopa monnieri	Scrophulariaceae
Aparjit	Sankupushpam	Clitoria ternatea	Fabaceae
Indian borage	Njavara/Panikoorka	Coleus amboinicus	Lamiaceae
Nut grass	Muthanga	Cyperus rotundus	Cyperaceae
Sadovani	Velipparuthy	Pergularia daemia	Asclepiadaceae
Sarivan	Orila	Desmodium gangeticum	Fabaceae
Indian sarasaparilla	Narunandi	Hemidesmus indicus	Asclepiadaceae
Pennywort	Kudangal	Centella asiatica	Apiaceae
Kachura	Kacholam	Kaempferia galanga	Zingiberaceae
Neem	Veppu	Azadirachta indica	Meliaceae
Holybasil	Thulasi	Ocimum sanctum	Lamiaceae
Jaramala	Keezharnelli	Phyllanthus fraternus	Euphorbiaceae
Long Pepper	Thippali	Piper longum	Piperaceae
Rauvolfia	Moovila	Pseudarthria viscida	Fabaceae
Garden Rue	Sarpagandhi	Rauvolfia serpentina	Apocynaceae
Sida	Sathappu/Arutha	Ruta graveolens	Rutaceae
Gulancha (Hindi Name)	Kurumthotti	Sida rhombifolia	Malvaceae
Antamul (Hindi Name)	Chittamruthu	Tinospora cordifolia	Menispermaceae
	Vallippala	Tylophora indica	Asclepiadaceae

Khas-khas	Ramacham	Vetiveria zizanioides	Poaceae
Nirgandi (Hindi Name)	Karinochi	Vitex negundo	Verbenaceae
Asgand (Hindi Name)	Amukuram	Withania somnifera	Solanaceae
Baloon vine	Uzhinja	Cardiospermum halicacabum	Sapindaceae
Eucalyptus	Eucalyptus	Eucalyptus citriodora	Myrtaceae
Lemon grass	Inchipul	Cymbopogon flexuosus	Poaceae
Palmarosa		Cymbopogon martinii var. motia	Poaceae
Vetiver	Ramacham	Vetiveria zizanioides	Poaceae
Plumbago	Chethi koduveli	Plumbago rosea	Plumbaginaceae
Indigo	Neela amari	Indigofera tinctoria	Fabaceae
Sappan wood	Pathimugham	Caesalpinia sappam	Fabaceae
Resurrection lily	Chengazhinir kizhangu	Kaempferia rotunda	Zingiberaceae
Aromatic turmeric	Kasturi manjal	Curcuma aromatica	Zingiberaceae
Snap ginger	Chittaratha	Alpinia calcarata	Zingiberaceae
Black musli	Nilappana	Curculigo orchioides	Orchidaceae
Holostemma	Adapathiyan	Holostemma adakodien	
Asoka	Asokam	Saraca asoca	
Strychnine tree	Kanjiram	Strychnos nux-vomica	
Chittadalotakam	Chittadalotakam	Adathoda beddomei	
Koovalam	Koovalam	Aegle marmelos	
Karinochi	Karinochi	Vitex negundo	
Kattarvazha	Kattarvazha	Aloe vera	
Dantappala	Dantappala	Wrightia tinctoria	

VARIETIES RELEASED BY KERALA AGRICULTURAL UNIVERSITY / ICAR INSTITUTES
(Rice Varieties tolerant to different biotic and abiotic stresses)

Trait	Varieties possessing the trait
Tolerance to BPH	Triveni, Matta triveni, Aruna, Remanika, Revathy, Krishnanjana, Bharathy, Jayathi, Aiswarya, Bhadra, Asha, Pavizham, Kanakam, Renjini, Pavithra, Panjami, Uma, Karishma, Nila.
Tolerance to Gall midge	Pavithra, Kanjana, Uma, Panchami
Tolerance to Leaf folder	Ahalya, Jayathi, Reshmi
Tolerance to Stem borer	Swarnaprabha, Kanchana, Aruna, Dhanu
Tolerance to GLH	Jayathi
Tolerance to Blast	Swarnaprabha, Kanchana, Kanakam, Jayathi, Renjini, Aiswarya, Neeraja
Tolerance to Sheath blight	Kanchana, Karthika, Aiswarya, Dhanu
Tolerance to drought	PTB 28, PTB 29, PTB 30
Tolerance to moisture stress	Harsha, Chingam
Tolerance to flood	Kottarakkara I
Tolerance to salinity	Vyttila 1, Vyttila 2, Vyttila 3, Vyttila 4, Vyttila 5
Tolerance to water logging	Mangala Mashuri
Tolerance to acidity, iron toxicity and Sulphide injury	Karishma, Krishnanjana
Tolerance to iron toxicity & shallow flooding	Mangala Mashuri, Karuna
Good grain quality	Ahalya
High protein content	PTB 23

VARIETIES OF OTHER CROPS RELEASED

COCONUT

Hybrid palm/	Nut yield per palm/year(No.)	Copra content/nut	Copra yield/ year (kg)
Lakshaganga	108.3	194	21.06
Anandaganga	95.2	216	20.56
Keraganga	100.2	201	20.14
Kerasree	140.0	216	30.24
Kerasowbhagya	130.0	195	25.35

SPICES

a. Pepper

Variety (Kg/ha)	Special features	Average yield
Panniyur 2	Tolerate shade	2570
Panniyur 3	Long spike, bold berries, prefers open condition	1953
Panniyur 4	Tolerates adverse climatic condition	1277
Panniyur 5	Tolerate adverse climatic condition	2352
Panniyur 6	Stable and regular yield, tolerates partial shade	2127
Panniyur 7	Stable and regular yield, tolerates partial shade	1410
Panniyur 9		
Panchami	High yielding variety with excellent fruitset	2828
Sreekara	Adaptable to various climatic conditions	2677

b. Cardamom

Variety (Kg/ha)	Special features	Average yield
PV1	Earliness in bearing, suited to all cardamom growing areas of Kerala, Karnataka and Tamil Nadu	380
PV2	Long bold capsules. Field tolerant to stem borer and relatively tolerant to thrips. More than 80% capsules over 7 mm.	916
PV3, PV5		

c. Turmeric

Variety	Average dry yield(t/ha.)	Curcumin
Kanthi	7.34	7.18
Sobha	5.74	7.39
Sona	4.02	7.11
Varna	4.16	7.87

d. Cinnamon - Sugandhini, Nithyasree, Navasree

CASHEW

Variety	Mean yield (kg/tree/year)
Anakkayam I	12.00
Madakkathara I	13.80
Kanaka	12.8
Dhana	10.66
Dharasree	15.02
Priyanka	16.90
Amrutha	18.35
Anagha	13.73
Akshaya	11.78
Madakkathara 2	17.00
Sulabha	21.90
Damodar	13.36
Raghav	14.65
Poornima	14.08
Sree	23.78

SUGARCANE VEGETABLES

: Madhuri, Thirumadhuram, Madhurima, Madhumathi

Amaranthus	
Red varieties	: Kannara local, Arun, Krishnasree
Green varieties	: Mohini, Renusree
Okra	
Green varieties	: Kiran, Salkeerthi, Susthira
Red varieties	: Aruna
Bitter gourd	: Priya, Preethi, Priyanka
Snake gourd	: Kaumudi, Baby, Manusree, TA-19, TA-23
Cucumber	: Mudicode, Arunima, Soubhagya
Pumpkin	: Ambili, Suvarna, Saras
Ash gourd	: KAU local, Indu
Brinjal	: Surya, Swetha, Haritha, Neelima
Chilli	: Jwalasakhi, Jwalamukhi, Jwala, Ujwala, Anugraha, Vellayani
Athulya, Samrudhi	
Tomato	: Sakthi, Mukthi, Anagha, Vellayani Vijai
Vegetable cowpea	: KMV-1, Malika, Sharika, Vjyayanthi, Anaswara, Varun, Kairali, Bhagyalakshmi, Lola, Vellayani Jyothiika
Winged Bean	: Revathy
Ridge gourd	: Haritham, Deepthi

OTHER CROPS

Cocoa	: CCRP1, CCRP2, CCRP3, CCRP4, CCRP5, CCRP6, CCRP7, CCRP8, CCRP9, CCRP10
Sesamum	: Kayamkulam I, Thilothama, Soma, Surya, Thilak, Thilathara,
Thilarani	
Ground nut	: Sneha, Snigdha
Cowpea	: Kanakamony, Krishnamony, Pournami, Shubhra, Hridya, Sreya
Black gram	: Syama, Sumanjana
Lemon grass	: OD 19, (Sugandhi)
Palmarosa	: ODP 1, ODP 2
Vetiver	: ODV 3
Thippali	: Viswam
Cinnamon	: ODC 130
Kacholam	: Kasthuri, Rajani
Guinea Grass	: Haritha, Marathakom

TUBER CROPS

Tapioca	:	H97, H165, H226, Kalpaka, Nidhi, Vellayani Hraswa, Sree Jaya, Sree Vijaya, Sree Prakash, Sree Rekha, Sree Prabha, Sree Padmanabha
Sweet Potato	:	H41, H42, Kanhangad, Sree Arun, Sree Varun, Sree Kanaka, Sree Bhadra, Sree Rethna, Varsha, Sree Vardhini, Sree Nandini
Greater Yam	:	Indu, Sree Keerthi, Sree Roopa, Sree Karthika, Sree Shilpa
Chinese Potato	:	Nidhi, Sree Dhara, Suphala
Taro	:	Sree Reshmi, Sree Kiron, Sree Pallari
Elephant Foot Yam	:	Sree Padma, Sree Athira, Gajendra
Lesser Yam	:	Sree Latha, Sree Kala
White Yam	:	Sree Priya, Sree Subhra, Sree Dhanya
Mushroom	:	Ananthan

Newly released crop varieties from Kerala Agricultural University

Sl No	Category	Name of Crop	Name of Variety
1	Field Crops (6 varieties)	Rice	KAU Pournami
2			KAU Manu Ratna
3			KAU Lavanya
4			KAU Jyotsna
5			KAU Supriya
6			KAU Akshaya
7	Vegetables (4 varieties)	Sambar Melon	KAU Vishal
8		Salad Cucumber	K P C H 1
9		Yard Long Bean	KAU Manjari
10		Yard Long Bean	KAU Mithra
11	Tuber crops (1 variety)	Tapioca	KAU Uthama
12	Spices (11 varieties)	Cardamom	KAU PV3
13			KAU PV5
14		Pepper	Panniyur 9
15		Camboge	KAU Nithya
16		Ginger	KAU Chandra
17			KAU Chithra
18		Nutmeg	KAU Pullan
19			KAU Kochukudy
20			KAU Mundathanam
21			KAU Poothara
22			KAU Punnathanam
23	Medicinal plants (1 variety)	Plumbago	KAU Swathi

MANURES & FERTILIZERS

(i) Nutrients in Organic Manures

	N	P2O5	K2O
Neem cake	5.0	1.0	1.5
Coconut cake	3.0	1.9	1.8
Groundnut cake	7.0	1.5	1.5
Gingelly cake	6.2	2.0	1.2

Castor cake	4.3	2.0	1.3
Mahua cake	2.5	0.8	1.8
Farm yard manure	1	0.5	1
Compost	0.5	0.4	0.8
Cowdung (fresh)	1.5	0.3	0.2
Biogas slurry (cowdung based)	1.6 - 1.8	1.1 - 2.0	0.8 - 1.2
Sheep manure	0.8 - 1.6	0.3 - 0.4	0.3 - 0.4
Poultry manure	1.2 - 1.8	1.4 - 1.8	0.8 - 0.9
Bone meal	3.5	21	--
Fish meal	4.1	3.9	0.3 - 1.5
Meat meal	11	1.5	0.6
Blood (dried)	11.5	--	0.6
Sunhemp	2.6	0.5	2.0
Daincha	3.3	0.7	1.30
Kolinji	3.20	0.3	1.30
Sesbania	2.7	0.5	2.2
Glirocidia	2.90	0.5	2.8
Paddy straw	0.36	0.08	0.71
Household ash	0.5 - 1.9	1.6 - 4.2	2.3 - 12.00
Coirpith Compost	1.26	0.06	1.20

. Composition of organic manures vary widely.

(ii) Nutrients in common fertilizers

Name of Fertilizer	N	P2O5	K2O
Ammonium Sulphate	20.6	--	--
Ammonium Nitrate	33.5	--	--
Diammonium Phosphate	18.0	46.0	--
Ammonium Phosphate Sulphate	16.0	20.0	--
Calcium Ammonium Nitrate	25.0	--	--
Urea	46.0	--	--
Super Phosphate	--	16.0	--
Rock Phosphate	--	28.4	--
Mussuriphos	--	18-20	--
Muriate of Potash	--	--	60

(iii) Quantities of fertilizers required to supply specified doses of nutrients

Rate of application (kg / ha)	Ammonium sulphate (20% N)	Urea (46% N)	Super Phosphate (18% P2O5)	Muriate of Potash (60% K2O)
10	50	22	56	17
20	100	43	111	33
30	150	65	167	50
40	200	87	222	67
50	250	109	278	83
60	300	130	333	100
70	350	152	389	117
80	400	174	444	133
90	450	196	500	150
100	500	217	556	167

FERTILIZER RECOMMENDATION FOR MAJOR CROPS

	N	P	K
1. PADDY (kg/ha)			
Upland (Modan)			
PTB 28, 29 and 30	40	20	30
High-yielding short duration varieties	60	30	30
Wet land (All regions)			
High-yielding short duration varieties	70	35	35
High-yielding medium duration varieties	90	45	45
Local varieties	40	20	20
H4	70	45	45
Mashuri	50	25	25
2. COCONUT (Adult palm) kg/palm/annum			
1. General recommendation			
(a) Average management	0.34	0.17	0.68
(b) Good Management	0.50	0.32	1.20
2. For reclaimed clayey soils (as in Kuttanad)	0.25	0.35	0.90
3. Red Loam Soils (Southern Kerala)	0.68	0.23	0.90
4. Hybrid and high yielding palm			
(a) For irrigated areas	1.00	0.50	2.00
(b) Rainfed	0.50	0.32	1.20
3. RUBBER			
From 1st year to 4th year :- 10:10:4:1.5 NPK Mg mixture at the following rates:			
3rd Month	225g / plant		
9th Month	450g / plant		
15th Month	450g / plant		
21st Month	550g / plant		
27th Month	550g / plant		
33rd Month	450g / plant		
39th Month	450g / plant		
From 5th year till tapping begins			
12:12:12 NPK Mixture @ 125 kg / ha during April - May and September - October (Where mulching was practiced during initial years)			
15:10:6 NPK mixture @ 200 kg / ha during April - May and September - October (Where mulching was not practiced during initial years)			
Mature rubber under tapping			
10:10:10 NPK Mixture @ 300 kg / ha or 900 g / plant during April - May as single dose or in 2 split doses during April - May and Sep - Oct			
or 15:15:15 NPK Mixture @ 200 kg / ha			
or 17:17:17 NPK Mixture @ 175 kg / ha			
or 19:19:19 NPK Mixture @ 160 kg / ha			
4. ARECANUT	N	P	K
Adult palm (gram per year)	100	40	140
5. TAPIOCA (kg per hectare)			
Improved	100	100	100
Local	50	50	50

6.	SWEET POTATO (kg / ha)	75	50	75
7.	SESAMUM (kg / ha.)	30	15	30
8.	GROUNDNUT (kg / ha)	10	75	75
9.	BANANA (g/plant)			
	Nendran (irrigated)	190	115	300
	Palayamkodan (Rainfed) 100	200	400	
	Other varieties according to soil fertility	160-200	160-200	320-400
10.	PINEAPPLE - (g/plant/year)	8	4	8
	(kg/ha/year)	320	160	320
11.	MANGO (g/tree/year) for trees over 10 years	500	360	750
12.	SUGARCANE (kg/ha)			
	Pandalam and Thiruvalla area	165	82.5	82.5
	Chittoor area	225	75	75
	Newly-cleared forest area	115	75	90
13.	PEPPER (g/vine/year)	50	50	150
14.	GINGER (kg/ha)	75	50	50
15.	TURMERIC (kg/ha)	30	30	60
16.	NUTMEG (g/tree/year) from 15th year onwards	500	250	1000
17.	CLOVE (g/tree/year) from 15th year onwards	300	250	750
18.	CARDAMOM (kg/ha)	75	75	150
19.	CASHEW (g/tree/year)	750	325	750
20.	COCOA (g/plant/year)			
	For plants yielding less than 50 fruits per year	100	40	140
	For plants yielding more than 50 fruits	200	80	280
21.	COLOCASIA (kg/ha)	80	25	100
22.	AMORPHOPHALLUS (kg/ha)	100	50	150
23.	DIOSCOREA (kg/ha)	80	60	80

Source: Package of Practices Recommendation, 'Crops' - 2007, KAU

VERMI COMPOST

Vermi-technology is a process by which all types of biodegradable wastes such as farm wastes, kitchen wastes, market wastes, bio-wastes of agro-based industries, livestock wastes etc. are converted to nutrient rich vermicompost by using earth-worms as biological agents. Vermicompost contains major and minor nutrients in plant-available forms, enzymes, vitamins and plant growth hormones. *Eudrillus eugineae* has been identified as the best species of earth-worm for vermi-technology under Kerala conditions.

Vermicomposting of farm wastes: Pits of size 2.5m length, 1m breadth and 0.3m depth are taken in thatched sheds with sides left open. The bottom and sides of the pit are made hard by compacting with a wooden mallet. At the bottom of the pit, a layer of coconut husk is spread with the concave side upward to ensure drainage of excess water and for proper aeration. The husk is moistened and above this, biowaste mixed with cowdung in the ratio of 8:1 is spread up to a height of 30cm above the ground level and water is sprinkled daily. After the partial decomposition of wastes for 7 to 10 days, the worms are introduced @ 500 to 1000 numbers per pit. The pit is covered with coconut fronds. Moisture is maintained at 40 to 50 %. When the compost is ready, it is removed from the pit along with the worms and heaped in shade with ample light. The vermicompost produced has an average nutrient status of 1.5% N, 0.4% P₂O₅ and 1.8% K₂O with pH ranging from 7.0 to 8.0.

COIR PITH COMPOSTING

Select a shaded place of 5x3m dimension and level it after removing weeds. First spread 100 kg coirpith uniformly. Spread 300g (one bottle or cover) of *Pleurotus* spawn on this and cover this with a second layer of 100 kg coirpith. On the

surface of the second layer, spread 1 kg urea uniformly. Repeat this sandwiching process of one layer of coirpith with spawn followed by another layer of coirpith with urea up to 1m height. Sprinkle water if necessary to keep the heap moist. Allow the heap to decompose for one month.

The coirpith is converted into good manure after 30-40 days and the lignin content is reduced from 30% to 40%. Another significant change is the lowering down of C:N ratio from 112:1 to 24:1. This coirpith compost contains macronutrients as well as micronutrients. It has the unique property of absorbing and retaining moisture to about 500-600 %. It improves the water infiltration rate and hydraulic conductivity of soil.

BIO-FERTILIZERS

Some of the commonly used bio-fertilizers are

1. Rhizobium (Bradyrhizobium and Azorhizobium)

It induces better root nodulation and stem nodulation (Azorhizobium) in inoculated plants and thereby brings down the requirement of nitrogen fertilizer for the cultivation of pulses, oil seeds and legume green manures. Method of application is seed treatment.

2. Azotobacter

Suitable only for upland crops like vegetables, tapioca, plantation and orchard crops.

3. Azospirillum

It is suitable for both upland and wetland conditions. It induces better root formation in inoculated plants. Recommended for root induction in polybag-raised seedlings of plantation and orchard crops. Method of application are seed treatment, seedling root dip and soil application.

4. Blue green algae (BGA)

Mainly recommended for wetland rice cultivation. Not feasible in acidic soils with pH below 6.0. Applied by direct broadcasting in the rice fields @ 10 kg/ha one week after transplanting the seedlings.

5. Azolla

It is suitable for wetland rice cultivation. The required quantity of azolla will have to be raised in the farmers' field itself. Method of Application : apply @ 10t/ha before transplanting the rice seedlings at the time of ploughing.

6. Phosphate solubilising bacteria and fungi

Recommended mainly for upland crops raised in neutral and slightly alkaline soils.

Enables the efficient utilization of cheaper sources of phosphatic fertilizers such as rock

phosphate by crop plants in neutral and alkaline soils. Method of application : Seed treatment and direct application.

7. Vesicular Arbuscular Mycorrhiza (VAM/AM)

Vesicular arbuscular mycorrhiza is mostly recommended for upland especially for raising container and tissue culture plantlets and transplanted crops. Also induces better resistance against certain soil borne plant pathogens. It is given as soil application.

APPLICATION TECHNIQUES OF BIOFERTILIZERS

1. Seed treatment

Five hundred grams of commercially available inoculum will be required for treatment of seeds for one hectare area. For this, thick slurry of the carrier-based inoculum is initially prepared by mixing 500 g of the inoculum in 1.25 litres of water. The stickiness of the biofertilizer on seed surface can be significantly improved by using 10% jaggery solution or 5% sugar solution supplemented with 40% boiled and cooled gum arabic solution or rice-gruel water. The required quantity of seed material is then gently mixed with this slurry without damaging the seed coat. The treated seeds are spread evenly over a gunny bag and dried in shade and sown immediately in moist soil. Under no circumstances, the treated seeds are exposed to direct sunlight for longer period of time since the UV rays of solar radiation will reduce significantly the population of inoculated bacteria on seed surface.

2. Seedling treatment

This method of application is mainly recommended for transplanted crops. In this procedure, the roots of seedling to be transplanted are dipped in loose water slurry of the biofertilizer (500 g in 2.5 litres of water) for 20 minutes, prior to transplanting.

3. Soil application

Soil application is generally recommended for all types of biofertilizers except Rhizobium, Bradyrhizobium and Azorhizobium. The method is to apply the biofertilizer after mixing with dried FYM, compost or vermicompost @ 1:25. For crops of six months duration, the recommended dose is 1-2 kg/ha. This can be increased to 2-4 kg/ha for crops of more than six months duration. For perennial crops, 10 to 25 g of the biofertilizer is to be applied in the root zone during the first year and 25 to 50 g during subsequent years. This can be done at the time of sowing, transplanting or during intercultivation.

Source : Package of practices recommendations ; 'Crops'-2007; KAU.

SPACING RECOMMENDATIONS AND PLANT POPULATION OF IMPORTANT CROPS IN KERALA

Crop		Spacing
1. Rice - Virippu	Medium duration	- 20 x 15 cm
	Short duration	- 15 x 10 cm
Mundakan	Medium duration	- 20 x 10 cm
	Short duration	- 15 x 10 cm
Puncha	Medium duration	- 20 x 10 cm
	Short duration	- 15 x 10 cm
2. Ragi		- 25 x 15 cm
3. Maize		- 60 x 25 cm
4. Sorghum		- 45 x 15 cm
5. Cowpea		
a. for grain & dual purpose		
	i. Dibbling	- 25 x 15 cm
b. for vegetable type		
	i. Bush	- 30 x 15 cm
	ii. Trailing	- 2 x 2 cm
7. French bean		- 30 x 20
8. Green pea		- 15-20 x 10 cm
9. Amorphophallus		- 90 x 90 cm
10. Colocasia		- 60 x 45 cm
11. Greater yam (Kachil)		- 1 m x 1 m
12. Lesser yam (Nanakizhangu)		- 75 x 75 cm
13. Sweet potato	Ridges	- 60 x 15-20 cm
	Mounds	- 75 x 75 cm
14. Tapioca	Branching type	- 90 x 90 cm
	Non branching type	- 75 x 75 cm
15. Cashew	1. Poor soil	- 7.5 x 7.5 m
	2. Rich & deep soil & Sandy coastal area	- 10 x 10 m
16. Sugarcane	Short duration	- 75 x 75 cm
	Medium duration	- 90 x 90 cm
17. Coconut	Triangular method	- 7.6 m
	Square	- 7.6 to 9 m
	Single hedge	- 9 x 5 m
	Double hedge	- 5 x 5 m in rows 9m between pairs of rows.
18. Groundnut		- 15 x 15 cm
19. Oil palm		- 9 m
20. Cardamom		- 1.8 m x 0.60 m
21. Cinnamon		- 2 x 2 m
22. Clove		- 6 x 6 m
23. Vanilla		- 1.8 x 2.7 m
24. Ginger		- 20 x 20 cm to 25 x 25 cm

25. Mango Ginger	-	25 x 30 cm
26. Nutmeg	-	8 x 8
27. Pepper	-	3 x 3 m
28. Turmeric	-	25 x 25 cm
29. Kudampuli		
a. Graft	-	4 x 4 m
b. Seedling	-	7 x 7 m
30. Tamarind	-	10 x 10 m
31. Arecanut	-	2.7 x 2.7 m
32. Coffee		
a. Tall Arabica	-	2.1 x 2.1 m
b. Semi dwarf	-	1.8 x 1.8 m
c. Dwarf	-	1.5 x 1.5 m
d. Hybrid	-	2.5 x 2.5 m
e. Robusta	-	3 x 3 m
33. Tea		
a. Up & down	-	1.2 x 1.2 m
b. Contour planting	Single hedge	- 1.2 x 0.75 m
c. Contour planting	Double hedge	- 1.35 x 0.75 x 0.75 m
34. Tobacco	-	85 x 85 cm
35. Okra (Bindhi)	-	60 x 45 cm
36. Coleus	-	30 x 15 cm
37. Bitter gourd	-	2 x 2 m
38. Snake gourd	-	2 x 2 m
39. Cucumber	-	2 x 1.5 m
40. Water melon	-	3 x 2 m
41. Bottle gourd	-	3 x 3 m
42. Pumpkin	-	4.5 x 2 m
43. Ash gourd	-	4.5 x 2 m
44. Brinjal		
a. Less spreading varieties	-	60 x 60 cm
b. Spreading varieties	-	75 - 90 x 60 cm
45. Chilli		
a. Less spreading varieties	-	45 x 45 cm
b. Spreading varieties	-	75 x 45 - 60 cm
46. Tomato	-	60 x 60 cm
47. Cabbage	-	45 x 45 cm
48. Cauliflower	-	60 x 45 cm
49. Carrot	-	45 x 10 cm
50. Beet root	-	45 x 15-20 cm
51. Radish	-	45 x 10 cm
52. Potato	-	50-60 x 15-20 cm
53. Garlic	-	15 x 8 cm
54. Winged bean	-	1.25 x 0.5 m
55. Dolichos bean		
a. Pole varieties	-	1.25 x 0.75 m
b. Bush varieties	-	60 x 15 cm
56. Cluster bean	-	45-60 x 20-30 cm
57. Sword bean		
a. Pole type varieties	-	4 x 3 m
b. Bush type varieties	-	60 x 60 cm
58. Clove bean	-	100 x 60 cm
59. Little gourd	-	4 x 3 m
60. Smooth gourd	-	2 x 2 m
61. Ridge gourd	-	2 x 2 m

62. Bell pepper	-	60 x 30 cm
63. Drumstick	-	4 x 4 m
64. Indian Spinach	-	1 x 0.6 m
65. Water leaf	-	30 x 10 cm
66. Curry leaf	-	4 x 4 m
67. Banana	-	2 x 2 m
68. Indian Gooseberry	-	8 x 8 m
69. Jack	-	12-15 m
70. Mandarin Orange	-	7 - 8 m
71. Mango	-	9 m
72. Papaya	-	2 x 2 m
73. Pineapple		
a. Kew	-	70 x 30 cm
b. Mauritius	-	45 x 30 cm
74. Sapota	-	7 - 8 m
75. West Indian Cherry	-	6 m

SEED RATE FOR IMPORTANT CROPS OF KERALA

1. Rice	Transplanting	-	60 - 85 kg/ha
	Broad casting	-	80 - 100 kg/ha
	Dibbling	-	80 - 90 kg/ha
2. Maize		-	20 kg/ha
3. Ragi	Direct sown	-	5 kg/ha
	Transplanted crop	-	4-5 kg/ha
4. Sorghum		-	12-15 kg/ha
5. Blackgram -	Pure crop	-	20 kg/ha
	Mixed crop	-	6 kg/ha
6. Cowpea			
1. For vegetable type			
	a. Bush	-	20 - 25 kg/ha
	b. Trailing	-	4 - 5 kg/ha
2. For grain and dual purpose			
	a. Broadcasting	-	60 - 65 kg/ha
	b. Dibbling	-	50 - 60 kg/ha
7. Green gram	Pure crop	-	20 - 25 kg/ha
	Mixed crop	-	6 kg/ha
8. Green pea		-	60 kg/ha
9. Horse gram		-	25 - 30 kg/ha
10. Red gram	Pure crop	-	15 - 20 kg/ha
	Mixed crop	-	6 - 7 kg/ha
11. Amorphophallus		-	9 -12 tonnes/ha
12. Colocasia		-	800-1200 kg/ha
13. Greater yam (Kachil)		-	3000-3700 kg/ha
14. Lesser yam (Nanakizhangu)		-	1800 - 2700 kg/ha
15. Sweet potato		-	80 kg tubers/ha
16. Tapioca		-	2000 stems/ha
17. Rubber		-	450 - 500 plants/ha
18. Ground nut	Pure crop	-	100 kg kernels/ha
	Inter crop in coconut	-	80 kg kernel/ha
	Inter crop in Tapioca	-	40 - 50 kg kernel/ha
19. Sesame		-	4 - 5 kg/ha

20. Mango ginger	- 1500 kg/ha
21. Ginger	- 1500 kg/ha
22. Turmeric	- 2000 - 2500 kg/ha
23. Betel vine	- 20000 to 25000 cuttings/ha
24. Okra	- 7 - 8.5 kg/ha
25. Bitter gourd	- 5 - 6 kg/ha
26. Coleus	- 75-100 kg tubers/ha
27. Snake gourd	- 3 - 4 kg/ha
28. Cucumber	- 0.5 - 0.75 kg/ha
29. Watermelon	- 1 - 1.5 kg/ha
30. Bottle gourd	- 3 - 4 kg/ha
31. Pumpkin	- 1 - 1.5 kg/ha
32. Ash gourd	- 0.75 - 1 kg/ha
33. Brinjal	- 370 - 500 g/ha
34. Chilli	- 1 kg/ha
35. Tomato	- 400 g/ha
36. Cabbage	- 500 - 750 g/ha
37. Cauliflower	- 600 - 750 g/ha
38. Carrot	- 5 - 6 kg/ha
39. Beet root	- 7 - 8 kg/ha
40. Radish	- 7 - 8 kg/ha
41. Potato	- 1000 - 2000 kg seed tuber/ha
42. Garlic	- 500 kg of cloves/ha
43. Winged bean	- 15 - 20 kg/ha
44. Cluster bean	- 10 -12 kg/ha
45. Clove bean	- 6 - 7 kg/ha
46. Smooth gourd	- 2.5 - 3 kg/ha
47. Ridge gourd	- 2.5 - 3 kg/ha
48. Bell pepper	- 400 - 600 g/ha

CONVERSION RATES BETWEEN RAW MATERIALS AND PROCESSED PRODUCTS

Paddy	Rice	Cleaned 2/3 by weight of paddy
Groundnut	Kernels to nuts in shell	70 percent
	Oil to nuts in shell	28 percent
	Oil to Kernels crushed	40 percent
	Cake to Kernels crushed	60 percent
Sesamum	Oil to seeds crushed	40 percent
	Cake to seeds crushed	60 percent
Coconut	Copra to nuts	6,773 nuts gives one tonne of
	copra (average), presently it is 7250-	
	7500 nuts due to mite attack	
	Cake to copra	38 percent
Pepper	Green to dry	21-39 percent by weight
Sugarcane	Gur from cane	10 percent
	Crystal sugar from gur	62.4 percent
	Crystal sugar from cane	9.9 percent
	Molasses from cane	3.5 percent
Cashew	Cashew Kernel	25 percent of nuts
Arecanut	Husked Champan to unhusked	35 percent by weight
Supari	(Processed tender nut to unhusked champan)	
		12 percent
Tapioca	Starch	28-30 percent on the weight of
	fresh tubers	
Turmeric	Cured to raw	
	(Dry 17-25% of the raw stuff)	16-20 percent of the weight

Ginger	Dry Ginger	21-30 percent by weight
Cocoa	Pod to wet beans	40 percent by weight
	Wet beans to dried beans	35-40 percent by weight
Coffee	Robusta-Berries to clean coffee	4.5 to 3.6:1
	Wet beans to dried beans	5.0 to 3.3:1
Cardamom	Green to dry	25-35 percent
Oil Palm	Palm Oil	20% by weight of Bunch
Soyabean seed	Oil to soyabean seed crushed	18 percent
	Meal to soyabean seed crushed	73 percent
	Hull from soyabean seed crushed	8 percent
Neem Seed	Oil to kernel crushed	45-50 percent
Cake to kernel crushed		50-55 percent

Source : Facts & Figures of Agriculture in Kerala (August 2005)

CONVERSION FACTORS FOR COCONUT

A. Number of Coconuts to a tonne of Copra:	
Kerala	6,250 to 6,850 (at present it is 7250-7500 nuts due to mite attack)
Andhra Pradesh	8,820
Tamil Nadu	7,000
Laccadives	12,000
B. Copra yield from coconut in different months in Kerala at 6% moisture level/1000 nuts	
January	163 kg
February	181 kg
March	178 kg
April	176 kg
May	179 kg
June	165 kg
July	152 kg
August	139 kg
September	147 kg
October	148 kg
November	155 kg
December	158 kg
C. Nuts to shell, Coconut water etc	
1000 nuts	114 kg shell
1000 nuts	100 litres of coconut water
1000 nuts	35 kg of charcoal
D. Coconut Oil from Copra	
Chekkus	58-60%
Rotaries	62-63%
Expellers	63-65%
E. Ball copra from coconut (per 1000 nuts)	
	1.5 tonne (grade 1)
	1.3 tonne (average)
F. Dessicated coconut (per 1000 nuts)	
	1 tonne of DC
G. Cake yield as percentage of copra crushed	
Chekkus	38%
Rottaries	36%
Expellers	34%
H. Coconut to Fibre (per 1000 nuts)	
	81.8 kg - kerala
	68.3 kg - Andhrapradesh

90.0 kg - Tamilnadu

81.9 kg - Karnataka

56.9 kg - Others

I. Composition of Coconut (Husked)

Shell	27.9% (23.5 to 32.8)
Kernel	55.2% (48.2 to 62.0)
Water	17.0% (8.2 to 25.1)

J. Composition of Standard Copra

Moisture	6%		
Oil	68 to 71%		
Free Fatty Acids	2%		
Composition	Kernel	Copra%	Cake%
Moisture	46.3	5.8	10.7
Protein	4.1	8.9	19.1
Fat 37.3	37.3	67.0	11.1
Carbohydrates	7.9	12.4	40.9
Crude Fibre	3.4	4.1	14.1
Ash	1.0	1.8	4.1

K. Fatty Acid Composition of Coconut Oil

Saturated Fatty Acids	Un-Saturated Fatty Acids
Lauric Acid	Palmitoleic Acid
Caprylic Acid	Oleic Acid
Myristic Acid	Linoleic Acid
Straric Acid	Arachidonic Acid
Arachidic Acid	

L. Coir pith per 10000 husk	2 tonnes
M. Charcoal yield from shell (per 3 tonnes of shell)	1 tonne
N. Processed coconut cream/1000 coconut	200 kg cream
O. Coconut Vinegar (per 100 litres coconut water)	110 litre vinegar

AGMARK CERTIFICATION

'Agmark' is a Quality Certification Mark of the Government of India given to products confirming to scientifically laid down quality standards.

Products commonly certified under AGMARK

- Honey
- Ghee, Butter
- Chillies, Turmeric, Curry Powder, Garam Masalas, Cardamom, Cumin, Coriander and other curry powders.
- Vegetable Oils
- Spices
- Wheat, Atta, Maida, Suji, Besan, Pulses and many more items required by customers.

Certificate of Authorisation

It is given to the packers authorising them to grade their commodity under AGMARK. Period of Validity will be 5 years. For granting new certificate of authorisation separate application for each commodity should be produced.

Documents to be given along with application

1. Sketch of the premises:-
2. Declaration regarding
 - i. Proprietorship/Partnership etc,
 - ii. Ownership of the premises
 - iii. Ownership of trade brand label
 - iv. Use of good grade quality containers for packing commodities.

All declarations has to given in five rupees stamp label attested by notary public.

3. A copy of licence from Panchayat/Municipality.
4. Bank reference:- Letter from the bank regarding the transaction to the packer with the bank.
5. List of machineries.
6. Specimen signature of 2 authorised persons attested by the proprietor/managing partner.
7. Medical fitness certificate of employee.
8. Specimen copy and sketch of trade brand label

For more details contact :-

Deputy Agricultural Marketing Advisor, Directorate of Marketing and Inspection,
Wellington Island, Kochi - 682 003, or State Agmark Grading Laboratories

STATE CROP INSURANCE

Sl. No.	Crops	Minimum No./area of crop required for insurance	Age of the crop to be insured	Premium Amount (Rs)	Rate of Compensation (Rs)
1.	Coconut	10 Nos.	Palm giving a minimum of 30 coconuts per year	₹2/ palm/year ₹5/ palm if premium deposited for 3 years together	₹2,000/palm
2.	Arecanut	10 Nos.	Bearing	₹1.5/palm/year ₹3/palm if premium deposited for 3 years together	₹200/palm
3.	Rubber	25 Nos.	Tapping trees	₹3/tree/year ₹7.50 per tree if premium deposited for 3 years together	₹1000/tree
4.	Cashew	5 Nos.	Bearing	₹3/tree/year ₹7.50/tree if premium deposited for 3 years together	₹750/tree
5.	Banana a. Nendran, Kappa b. Njalippoovan c. Others	10 Nos.	1-5 months after planting	₹3/plant	a. Without bunch ₹150/- b. Without bunch ₹100/- c. Without bunch ₹50/- a. With bunch ₹300/- b. With bunch ₹200/- c. With bunch ₹75/-
6.	Tapioca	0.02 ha.	1-5 months after planting	₹3/- for 0.02 ha.	₹10000/-
7.	Pineapple	0.02 ha.	1-6 months after planting	₹37.50/- for 0.02 ha.	(₹500/- 0.02 ha. (₹50,000/ha)
8.	Pepper	Vines in 15 standards.	Bearing	₹1.5/standard/yr ₹3/standard if premium deposited for 3 years together	₹200/- Per vines

9.	Cardamom	1 ha.	Bearing	₹1500/ ha/year ₹3750/ha if premium deposited for 3 years together	₹60,000/ha.
10.	Ginger	0.02 ha.	1-5 months after planting	₹15/- for 0.02 ha.	₹80,000/ha.
11.	Turmeric	0.02 ha.	1-3 months after planting	₹15/-for 0.02 ha.	₹60,000/ha.
12.	Coffee	10 trees	Bearing	₹1.5/plant/year ₹3/plant if premium deposited for 3 years together	₹350/- per plant
13.	Tea	1 ha.	Picking stage	₹1500/ha/year ₹3750/ha if premium deposited for 3 years together	₹70,000/- per ha. (Compensation for 10% of insured area or 2 ha. whichever is less)
14.	Cocoa	5 Nos.	Bearing	₹1.5/tree/year ₹3/tree if premium deposited for 3 years together	₹300/-per tree
15.	Groundnut	0.1 ha.	1-2 months after planting	₹37.5/- for 0.1ha.	₹12,000/ha.
16.	Sesamum	0.1 ha.	1 week to 1 month after sowing	₹37.5/for 0.1 ha.	₹12,500/ha.
17.	Vegetables	0.04ha. (with or without pandal)	1 week to 1 month after planting	₹10 for 10 cents	(₹25000/ha without pandal) ₹1000/- for 10 cents (₹40000/ha with pandal)
18.	Nutmeg	5 Nos.	Bearing	₹3/tree/year ₹7.5/tree if premium deposited for 3 years together	₹3000/- per tree
19.	Clove	5 Nos.	Bearing	₹3/tree/year ₹7.5/tree if premium deposited for 3 years together	₹1000/- per tree
20.	Betel vine	1 cent	Started harvesting	₹7.50/cent/year	₹1000/cent
21.	Pulses	0.1 ha.	2 weeks to 1½ months after planting	₹19 /0.1ha.	₹10000/ha

22.	Tuber Crops (Amorpho- phallus, Sweet potato	0.02 ha.	1-3 months after planting	a. Amorphophallus ₹ 7.5/- b. Sweet potato ₹4.5/-	a. Amorpho- phallus (₹35,000/ha) b. Sweet potato (₹15,000/ha)
23.	Sugarcane	0.1 ha.	1-3 months after planting	₹90/0.1 ha.	₹50,000/ha
24.	Tobacco	0.02 ha.	2 weeks to 2 months after planting	₹3/0.02 ha.	₹20,000/ha
25.	Paddy	0.1 ha.	15 days after planting/sowing to 45 days	₹25/0.1ha.	₹15,000 within 45 days ₹35,000 after 45 days
26.	Mango	5 Nos	Bearing	₹ 10/ tree/year ₹ 25/tree/year if Premium deposited for 3 years together.	₹ 1000/ tree upto the age of 10 years ₹ 2000/- tree above 10 years of age
		5 graft	1 month to upto bearing	₹ 2/tree/year ₹ 5/tree/year if premium deposited for 3 years together	₹ 200/- per tree
27.	Milletts	0.1 ha.	2 week to 45 days after sowing	₹ 25/ 0.1 Ha (₹ 1/one cent)	₹ 10000/ Ha upto the age of 45 days ₹ 25000/ Ha above the age of 45 days

Source : Directorate of Agriculture.

സംസ്ഥാന വിള ഇൻഷുറൻസ് പദ്ധതി, പ്രകൃതി ദുരന്തങ്ങളിൽ വിളനാശം ഉണ്ടായതിനുള്ള നഷ്ട പരിഹാരം എന്നിവയ്ക്കായി കർഷകർക്ക് നേരിട്ട് ഓൺലൈൻ അപേക്ഷ സമർപ്പിക്കുന്നതിനുള്ള സംവിധാനം AIMS മൊബൈൽ ആപ്ലിക് ലഭ്യമാണ്. ഇതേ സംവിധാനങ്ങൾ www.aims.kerala.gov.in എന്ന പോർട്ടലിലും ലഭ്യമാണ്. ഇൻഷുറൻസിനുള്ള അപേക്ഷ നൽകൽ, വിളനാശങ്ങളുടെ ഓൺലൈൻ റിപ്പോർട്ടിംഗ്, ധനസഹായത്തിനുള്ള അപേക്ഷ എന്നിവ ഈ സംവിധാനത്തിലൂടെ കർഷകർക്കുതന്നെ ചെയ്യാവുന്നതാണ്.

NATURAL CALAMITY ASSISTANCE FOR CROP LOSS

**Asper GO(MS)No: 182/2015/Agriculture (Revenue-K) dtd. 29.9.2015 &
GO(MS)No: 71/2019/Agri dtd. 1.6.2019**

Sl.No.	Name of Crop	Unit	Crop assistance (Rs)
1.	Paddy	hectare	13500
2.	Coconut	bearing	700
3.	Coconut	non bearing	350
4.	Coconut	upto 1 year	102.86
5.	Banana	bunched	100
6.	Banana	non-bunched	75
7.	Rubber	being tapped	300
8.	Rubber (not less than 3 years old)	untapped	200
9.	Cashew	bearing	150
10.	Cashew (not less than 3 years old)	non bearing	102.86
11.	Arecanut	bearing	300
12.	Arecanut (not less than 3 years old)	non-bearing	200
13.	Cocoa	bearing	200
14.	Coffee		200
15.	Pepper	bearing	150
16.	Ginger	10 cents	540
17.	Turmeric	10 cents	540
18.	Tapioca	25 cents	1350
19.	Groundnut	hectare	13500
20.	Sesamum	hectare	6800
21.	Vegetables	10 cents	540
22.	Nutmeg	bearing/tree	800
23.	Nutmeg (more than 3 years old)	non-bearing	300
24.	Clove	bearing	400
25.	Clove (more than 3 years old)	non-bearing	200
26.	Cardamom	hectare	25000
27.	Betlevine	1 cent	300
28.	Pulses	hectare	6800
29.	Minor tubers	10 cents	540
30.	Sugarcane	hectare	13500
31.	Pineapple	10 cents	750
32.	Fodder Crops	10 cents	540
33.	Mulberry	50 cents	3600
34.	Tobacco	10 cents	1500
35.	Cotton	10 cents	720

Source : Directorate of Agriculture

PESTICIDES, FUNGICIDES, HERBICIDES

PESTICIDES

CALCULATIONS OF PESTICIDE FORMULATION

• **Foliar spray (WP and EC/AP)**

$$\text{Qty. of Commercial insecticide formulation} = \text{Total quantity of spray solutions required for the treated area} \times \frac{\text{Strength in \% of the spray solution desired}}{\text{Strength of the chemical available}}$$

• **Granules :**

$$\text{Qty. of Commercial insecticide formulation (kg)} = \frac{\text{Recommended rate (kg ai/ha)} \times \text{Area to be treated (ha)}}{\% \text{ ai in the commercial formulation}}$$

Vide Order No: G.O.M.S.No: 116/2011/Agri dt.7-5-2011 Red labelled insecticides like Carbofuran, Phorate, Methyl parathion, Monocrotophos, Methyl demeton and Yellow labelled insecticides like – Triazophos, Prephenophos and fungicides like – Ediphenphos, Tricylazole, Oxythioquinox and weedcidics like Anilophos, Paraquat, Thiobencarb and Atrazin are banned in Kerala.

Vide G.O.(MS) 136/2011/AD dt 23-5-2011 Government have decided to take all efforts to prevent the illegal transfer, storage and use of Endosulfan in all parts of the state.

Source : Directorate of Agriculture, Tvp.m.

LIST OF PESTICIDES / PESTICIDE FORMULATIONS BANNED IN INDIA

a. Pesticides banned for manufacture, import and use (28 Nos)

Sl.No	Name of pesticides	Sl.No	Name of pesticides
1	Aldrin	15	Pantachlorophenol
2	Benzene Hexachloride	16	Phenyl Mercury Acetate
3	Calcium Cyanide	17	Sodium Mathane Arsonate
4	Chlordane	18	Tetradifon
5	Copper Acetoarsenite	19	Toxafen
6	Clbromochloropropane	20	Aldicarb
7	Endrin	21	Chlorobenzilate
8	Ethyl Mercury Chloride	22	Dieldrine
9	Ethyl Parathion	23	Maleic Hydrazide
10	Heptachlor	24	Ethylene Dibromide
11	Menazone	25	TCA (Trichloro acetic acid)
12	Nitrofen	26	Metoxuron
13	Paraquat Dimethyl Sulphate	27	Chlorofenvinphos
14	Pentachloro Nitrobenzene	28	Lindane *

* Banned vide Gazette Notification No. S.O 637(E) Dated 25/03/2011) – Banned for Manufacture, Import or Formulate w.e.f. 25th March, 2011 and banned for use w.e.f 25th March 2012

b. Pesticides / Pesticide formulations banned for use but their manufacture allowed for export (2 Nos)

Sl.No	Name of pesticides
29	Nicotin Sulfate
30	Captafol80 Powder

c. Pesticide formulations banned for import, manufacture and use (4 Nos)

Sl.No	Name of pesticides
1	Methomy 24 L
2	Methomy 12.5 L
3	Phosphamidon 85 SL
4	Carbofuran 50 SP

d. Pesticides withdrawn (7 Nos)

Sl.No Name of pesticides

- 1 Dalapon
- 2 Ferbam
- 3 Formothion
- 4 Nickel Chloride
- 5 Paradichlorobenzene (PDCB)
- 6 Simazine
- 7 Warfarin
- 8 Sirmate

e. Pesticides refused registration

Sl.No Name of pesticides

- 1 Calcium Arsonate
- 2 EPM
- 3 Azinphos Methyl
- 4 Lead Arsonate
- 5 Mevinphos (Phosdrin)
- 6 2,4,5-T
- 7 Carbophenothion
- 8 Vamidothion
- 9 Mephosfolan
- 10 Azinphos Ethyl
- 11 Binapacry1
- 12 Dicrotophos
- 13 Thiodemeton / Disufoton
- 14 Fentin Acetate
- 15 Fentin Hydroxide
- 16 Chinometinonate (Morestan)
- 17 Ammonium Sulphamate
- 18 Leptophos (Phosvel)

f. Pesticides restricted for use in India

Sl.No	Name of pesticides	Type of Restriction
1	Aluminium Phosphide	3g tablets in cage packing and powder form in pouch allowed for use in rat burrows
2	DDT	Banned in agriculture ; Restricted use allowed only for domestic public health program upto 10,000 MT per year
3	Lindane	Restricted use allowed only in termite control upto 24-03-2013
4	Methyl Bromide	To be used only by Govt. Under strict supervision of Govt. Expert or pest control operator
5	Methyl Parathion	Restricted use allowed only on crops where honeybees are not acting as pollinators
6	Sodium Cyanide	Only for fumigation of cotton bales by Plant protection Adviser to Govt. of India under expert supervision
7	Methoxy Ethyl Mercuric Chloride (MEMC)	Only for seed treatment of potato and sugarcane
8	Monocrop tophos	Banned in vegetable
9	Endosulfan	Banned in Kerala State
10	Fenitrothion	Banned in agriculture except for locust control and in public health
11	Diazinon	Banned in agriculture except for household pest control
12	Fenthion	Banned in agriculture except for locust control, household pest control and public health
13	Dezoment	Banned in tea.

Government of Kerala
Agriculture Development and Farmers' Welfare Department
Details of Banned Pesticides (Imposed by Government of Kerala)

Sl.	Sub. No.	Chemical Name No.	Type of Pesticide	Category	Remarks	
1	i	Carbofuran	Insecticide	Red	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
2	ii	Methyl Dematon	Insecticide	Red	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
3	iii	Methyl Parathion	Insecticide	Red	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
4	iv	Monocrotophos	Insecticide	Red	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
5	v	Phorate	Insecticide	Red	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
6	vi	Prophenophos	Insecticide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
7	vii	Triazophos	Insecticide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
8	viii	Methomyl	Insecticide	Red	Go(MS) No.128/2015/Agr.Dtd:28/07/2015	
9	ix	MEMC (Mercuric Chloride)	Fungicide	Red	Go(MS) No.128/2015/Agr.Dtd:28/07/2015	
10	i	Ediphenphos	Fungicide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
11	ii	Tricyclazole	Fungicide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
12	iii	Oxythioquinox	Fungicide	Blue	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
13	i	Anilophos	Weedicide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
14	ii	Paraquat	Weedicide	Yellow	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
15	iii	Thiobencarb	Weedicide	Blue	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
16	iv	Atrazine	Weedicide	Blue	GO(MS) No.116/2011/Agr.Dtd:07/05/2011	
17		Benomyl	Fungicide	GO.S.O. 3951(E)	8-8-2018	
18		Carbaryl	Insecticide	GO.S.O. 3951(E)	8-8-2018	
19		Diazinon	Insecticide	GO.S.O. 3951(E)	8-8-2018	
20		Fenarimol	Fungicide	GO.S.O. 3951(E)	8-8-2018	
21		Fenthion	Insecticide	GO.S.O. 3951(E)	8-8-2018	
22		Linuron Herbicide	GO.S.O. 3951(E)	9-8-2018		
23		Methoxy Ethyl Mercuric Chloride	Fungicide	GO.S.O. 3951(E)	8-8-2018	Banned in Kerala w.e.f. 28.07.2015
24		Methyl Parathion	Insecticide	GO.S.O. 3951(E)	8-8-2018	Banned in Kerala w.e.f. 7.5.2011
25		Sodium cyanide	Insecticide	GO.S.O. 3951(E)	8-8-2018	
26		Thiometon	Insecticide	GO.S.O. 3951(E)	8-8-2018	
27		Tridemorph	Fungicide	GO.S.O. 3951(E)	8-8-2018	
28		Trifluralin	Herbicide	GO.S.O. 3951(E)	8-8-2018	
29		Alachlor	Herbicide	GO.S.O. 3951(E)	31-12-2020	
30		Dichlorvos	Insecticide	GO.S.O. 3951(E)	31-12-2020	Registration,
31		Phorate Insecticide	GO.S.O. 3951(E)	31-12-2020		Import &
32		Phoaphamidon	Insecticide	GO.S.O. 3951(E)	31-12-2020	Manufacture
33		Triazophos	Insecticide	GO.S.O. 3951(E)	31-12-2020	prohibited
34		Trichlorfon	Insecticide	GO.S.O. 3951(E)	31-12-2020	

Details of Restricted Pesticides (Imposed by Government of Kerala)

1	i	Acephate	Insecticide	Blue	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
2	ii	Carbosulphan	Insecticide	Yellow	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
3	iii	Chlorphyriphos	Insecticide	Yellow	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
4	iv	Cypermethrin	Insecticide	Yellow	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
5	v	Lambda Cyhalothrin	Insecticide	Yellow	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
6	vi	2, 4 D	Weedicide	Yellow	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015
7	vii	Glyphosphate	Weedicide	Blue	Go(MS) No. 128/2015/Agri.Dtd:28.07.2015

**Substitutes for pesticides banned by Govt. of Kerala vide G.O.(MS)
No.116/2011/Agri. Dated: 7/5/2011**

(Interim Recommendations)

Sl.	Name of Chemical banned	Present Recommendation of the Chemical for Crop/Pest as per KAU Package 2007	Substitute chemicals recommendation against banned chemical	Colour code (Tox. Class) of the chemical	Dosage per hectare of formulated product of substitute chemicals
1	Endosulfan	Not recommended by KAU	1. Quinalphos 25% EC	Yellow	1.5 L/ha.
2	Carbofuran	1. RiceStem Borer, Gall Midge, BPH, GLH, Hispa, Nematodes	1.Carbosulfan 6% G (R) 2.Cartap hydrochloride 4% G 3.Quinalphos 5% G 4.Fipronil 0.3% G 5.Chlorantraniliprole 0.4% G 6.Thiamethoxam 25% WG 7.Flubendiamide 39.35% SC 8.Flubendiamide 20% WG 9.Imidacloprid 17.8% SL 10. Acephate 75 SP (R)	Yellow Yellow Yellow Yellow Green Blue Green Green Yellow Blue	16.7 Kg/ha. 25 kg/ha. 5 kg/ha. 25 kg/ha. 10 kg/ha. 100 g/ha. 50 m/ha. 125 g/ha. 125 m/ha. 1.0 kg/ha.
		2. Banana Aphid (Vector of virus diseases) Nematodes	1. Dimethoate 30 EC 2. Carbosulfan 6% G (R)	Yellow Yellow	1.98 L/ha. 16.7 kg/ha.
The following management practices should be adopted against virus diseases in banana					
1. Field Sanitation through massive campaign					
2. Enforcement of domestic quarantine of planting materials					
3. Production and distribution of disease free virus indexed, tissue culture plantlets					
4. Paring of suckers followed by hot water treatment and application of neem cake					
5. Crop insurance scheme to be streamlined.					
		3. Brinjal (Sucking Pets)	1.Azadirachtin 1% EC 2.Azadirachtin 0.03% EC 3.Spinosad 45% SC	Green Green Blue	1-1.5 L/ha. 5 L/ha. 160 ml/ha.
		4. Cardamom Nematodes	1. Carbosulfan 6% G (R)	Yellow	16.7 kg/ha.
3	Phorate (Red)	1. RiceStem Borer, Gall Midge, BPH, GLH, Hispa, Nematodes	1.Carbosulfan 6% G (R) 2.Cartap hydrochloride 4% G 3.Quinalphos 5% G 4.Fipronil 0.3% GR 5.Chlorantraniliprole 0.4% G 6.Thiamethoxam 25% WG 7.Flubendiamide 39.35% SC 8.Flubendiamide 20% WG	Yellow Yellow Yellow Yellow Green Blue Green Green	16.7 g/ha. 25 Kg/ha. 5 Kg/ha. 25 Kg/ha. 10 kg/ha. 100 g/ha. 50 ml/ha. 125 g/ha.
4	Methyl Parathion(Red)	bugs, leaf folder	1.Rice BPH, Thrips, Hoppers, 2.Quinalphos 25% EC 3.Chlorpyrifos 20% EC (R) 4.Fipronil 5% SC 5.Thiamethoxam 25% WG 6.Acephate 75 SP (R)	1.Quinalphos 5% G Yellow Yellow Yellow Blue Blue	5 kg/ha. 1.5 L/ha. 1.87 L/ha. 1.5 L/ha. 100 g/ha. 1.0 kg/ha.

		For Stem borer and leaf folder	
		1.Cartap hydrochloride 4% G	Yellow 25 kg/ha.
		2.Cartap hydrochloride 50% SP	Yellow 1.0 kg/ha.
		3.Fipronil 80% WG	Yellow 62.5 g/ha.
		4.Chlorantraniliprole 18.5% SC	Green 150 m;/ha.
		5.Chlorantraniliprole 0.4%G	Green 10.0 kg/ha.
		6.Flubendiamide 39.35% SC	Green 50 ml/ha.
		7.Flubendiamide 20% WG	Green 125 g/ha.
		8.Imidacloprid 17.8% SL	Yellow 125 ml/ha.
		9.Acephate 75 SP (R)	Blue 1.0 kg/ha.
5	Monocrotophos (Red) BPH, Stem Borer, Leaf Folder	1.Rice	1.Quinalphos 5% G Yellow 5 kg/ha.
		2.Quinalphos 25% EC	Yellow 1.5 L/ha.
		3.Chlorpyrifos 20% EC (R)	Yellow 1.87 L/ha.
		4.Fipronil 5% SC	Yellow 1.5 L/ha.
		5.Thiamethoxam 25% WG	Blue 100 g/ha.
		6.Acephate 75 SP (R)	Blue 1.0 kg/ha.
		For Stem borer and leaf folder	
		1.Cartap hydrochloride 4% G	Yellow 25.0 Kg/ha.
		2.Cartap hydrochloride 50% SP	Yellow 1.0kg/ha.
		3.Fipronil 80% WG	Yellow 62.5g/ha.
		4.Chlorantraniliprole 18.5% SC	Green 150 ml/ha.
		5.Chlorantraniliprole 0.4% Gr	Green 10 kg/ha.
		6.Flubendiamide 39.35% SC	Green 50 g/ha.
		7.Flubendiamide 20% WG	Green 125 g/ha.
		8.Acephate 75 SP (R)	Blue 1.0 kg/ha.
	Cardamom (Thrips & pod borer)	1.Quinalphos 25% EC	Yellow 1.2 L/ha.
		2.Phenthoate 50%EC	Yellow 500 ml/ha.
		3.Diafenthuiuron 50% WP	Blue 800 g/ja.
		4.Dimethoate 30% EC	Yellow 830 ml/ha.
6	Methyl demeton (Red) Sucking Pests (No specific recommendation by KAU)	Not available in Kerala and hence no	substitute proposed
7	Triazophos (Yellow) Rice Leaf Folder	1.Cartap hydrochloride 4% G	Yellow 25.0 kg/ha.
		2.Cartap hydrochloride 50% SP	Yellow 1.0 kg/ha.
		3.Fipronil 80% WG	Yellow 62.5 g/ha.
		4.Chlorantraniliprole 18.5% SC	Green 150/ml/ha.
		5.Chlorantraniliprole 0.4% Gr	Green 10 kg/ha.
		6.Flubendiamide 39.35% SC	Green 50 ml/ha.
		7.Flubendiamide 20% WG	Green 125 g/ha.
		8.Spinosad 45 SC	Blue 160 ml/ha.
8	Profenophos (Yellow) No specific recommendation	Widely used to Kerala without recommendation of KAU or approval by CIB-RC Label claim available for tea only	

Use of carbofuran is permitted for insecticide trials as check/control for research purpose in Kerala Agricultural University. Kerala Agricultural University will be conducting detailed field trials to identify suitable chemicals/pesticides for substituting the banded chemicals. For this purpose a detailed project proposal will be submitted by the Director of Extension, Director of Research, KAU, for funding from RKVY for an approximate amount of Rs.300lakhs.

FUNGICIDES

Sl.	Name of Chemical	Present Recommendation for Crop/Pest as per KAU Package 2007	Substitute chemicals	Colour code (Tox. Class)	Dosage /ha. of No. formulated product
1	Methoxy Ethyl Mercuric	Riosewood damping off	Substitute is to be evolved through filed trials. However, in case of exigency Bordeaux mixture 1% may be used Chloride, MEMC (Red)		
2	Ediphenphos (Yellow)	Rice blast	1.Carpropamid 27.8% SE 2.Carbendazim 50% WP 3.Isoprothiolane 40% EC 4.Kresoxim Methyl 44.3%SC 5.Tebuconazole 25.9% EC	Green Green Blue Green Blue	500 ml/ha. 500 g/ha. 750 ml/ha. 500 ml/ha. 750 g/ha.
		Rice sheath blight	1.Carbendazim 50% WP 2.Kresoxim Methyl 44.3%SC 3.Tebuconazole 25.9% EC 4.Pencycuron 22.9%SC 5.Flusilazole 40% EC 6.Hexaconazole 5% EC 7. Iprodione 50%WP	Green Green Blue Green Blue Blue Blue	500 g/ha. 500 ml/ha. 750 g/ha. 750 ml/ha. 300 ml/ha. 1.0 L/ha. 2.25 kg/ha.
		Rice Brown Leaf Spot	1.Carbendazim 50% WP 2.Propineb 70% WP	Green Blue	500 g/ha. 2.0 kg/ha.
		Rice Sheath Rot	1.Carbendazim 50% WP 2.Carboxin 75% WP	Green Blue	500 g/ha 500 g/ha
3	Tricyclazole (Yellow)	Rice Blast (Seed Treatment)	1.Carbendazim 50% WP 2.Biocontrol with Pseudomonas fluorescens	Green Green	2g/kg seed 10g/kg seed
4	Oxythioquinox (Blue)	Tobacco and Green peas powdery Mildew	Substitute to be evolved through fields trials. Both the crops are seldom cultivated in Kerala However to case of exigency spray Carbendazim 50% WP @ 500 g/ha.		

Herbicides

Sl.	Name of Chemical	Present Recommendation for Crop/Pest as per KAU Package 2007	Substitute chemicals	Colour code (Tox. Class)	Dosage /ha. of No. formulated product
Crop/Pest as per KAU Package 2007					
1	Anilophos (Yellow)	Rice	1. Butachlor 50% EC 2. Pretilachlor 50%EC	Blue Blue	1.25 kg/ha. 1.5 kg/ha.
2	Atrazin (Blue)	Sugarcane	1. Diuron 80% WP	Blue	1.5 kg/ha.
3	Thiobencarb (Bule)	Rice	1. Butachlor 50% EC 2. Pretilachlor 50%EC	Blue Blue	1.25 kg/ha. 1.5 kg/ha.

**Pesticides banned as per the draft order SO 1512 (E) 14-5-20.
It shall come into force on the date of its final publication in the official Gazette.**

- | | | |
|-----------------|-------------------|------------------------|
| 1. Acephate | 10. Deltamethrin | 19. Oxyfluorfen |
| 2. Atrazine | 11. Dicofol | 20. Pendimethalin |
| 3. Benfuracarb | 12. Dimethoate | 21. Quinalphos |
| 4. Butachlor | 13. Dinocap | 22. Sulfosulfuron |
| 5. Captan | 14. Diuron | 23. Thiodicarb |
| 6. Carbendazin | 15. Malathion | 24. Thiophanat emethyl |
| 7. Carbofuran | 16. Mancozeb | 25. Thiram |
| 8. Chlorpyrifos | 17. Methomyl | 26. Zineb |
| 9. 2, 4-D | 18. Monocrotophos | 27. Ziram |

(v) READY RECKONER FOR MAKING 100 LITRES OF SPRAY SOLUTION OF DESIRED STRENGTH

% of pesticide /fungicide required in the diluted spray 0.01	Formulation in g or ml required per 100 litres of water Percentage of ai. in the Formulation									
	100	80	75	50	40	35	30	25	20	10
	10	12.50	13.30	20	25.0	28.5	34	40	50	100
0.015	15	18.75	19.95	30	37.5	42.8	51	60	75	150
0.02	20	25.00	26.60	40	50.0	57.1	67	80	100	200
0.025	25	31.25	33.25	50	62.5	71.4	83	100	125	250
0.03	30	37.50	39.90	60	75.0	85.7	100	120	150	300
0.035	35	43.75	46.55	70	87.5	100.0	119	140	175	350
0.04	40	50.00	53.20	80	100.0	114.3	134	160	200	400
0.045	45	56.25	59.80	90	112.5	128.8	153	180	225	450
0.05	50	62.50	66.50	100	125.0	142.9	167	200	250	500
0.075	75	93.75	100.00	150	187.5	214.3	252	300	375	750
0.1	100	125.00	133.00	200	250.0	285.7	334	400	500	1000
0.2	200	250.00	266.00	400	500.0	571.5	668	800	1000	2000
0.25	250	312.50	331.00	500	625.0	714.3	835	1000	1250	2500
0.3	300	375.00	399.90	600	750.0	857.1	1000	1200	1500	3000
0.4	400	500.00	532.00	800	1000.0	1143.0	1340	1600	2000	4000
0.5	500	625.00	665.00	1000	1250.0	1429.0	1670	2000	2500	5000
1.0	1000	1250.00	1330.00	2000	2500.0	2857.0	3340	4000	5000	10000

BOTANICAL PESTICIDES

1. Neem Leaf / Plant Extract

Preparation of 5% extract

Macerate 50g of leaf / plant in a mixie. Soak the macerated product in 1 litre of water for 24-48 hours. Strain the solution and spray.

2. Neem Seed Kernel Extract (NSKE)

Preparation of 5% NSKE

Grind neem kernel to coarse powder. Take 50g of the powder in a cloth bag and dip it in 1/2 litre of water for 24 hours. Squeeze the cloth bag repeatedly till the out flow turns light brown. Dissolve 5g of ordinary bar soap in 0.5 litre of water. Add the soap solution to the kernel extract, stir well and spray.

3. Tobacco decoction

Steep 500 g of tobacco waste in 4.5 litre of water for 24 hours. Dissolve 120g. of ordinary bar soap separately in 0.5 litre of water. Add the soap solution to the tobacco extract and stir vigorously. Add 5 litres of water to this stock solution and spray.

4. Neem oil + garlic 2% emulsion

Preparation of 10 litres

Ingredients : 200 ml neem oil, 200g garlic and 50g ordinary bar soap.

Preparation : Slice the bar soap and dissolve in 500 ml luke warm water. Grind the garlic pearls, mix it with 300 ml water and strain to prepare garlic extract. Pour the 500 ml soap solution into 200ml neem oil slowly and stir vigorously to get a good emulsion. Mix the garlic extract in the neem oil + soap emulsion. Dilute this 1 litre stock solution by adding 9 litres of water to get 10 litres of 2% neem oil + garlic emulsion.

5. Preparation of 5% Cashew Nut Shell Liquid (CNSL) emulsion

To prepare 10 litres of 5% CNSL emulsion, 500 ml of CNSL and 50 g bar soap are required. Slice the bar soap and dissolve in 500 ml of water. Pour 500 ml of CNSL slowly and stir vigorously to get a good emulsion. Dilute this one litre solution by adding 9 litres of water to get 10 litres of 5% CNSL emulsion.

BOTANICAL PREPARATIONS FOR PEST CONTROL

1. Neem / <i>Azadirachta indica</i>		
Preparation	Dose	Pest
Neem Leaf	250 g / plant	Nematodes of bhindi, brinjal
Leaf Extract	2-5%	Leaf feeders of amaranthus like Spodoptera litura & leaf webber, aphids of vegetables
Neem Twig	Planting neem twigs in coconut gardens after receipt of monsoon rains during April - May for controlling root grubs.	
NSKE	3-5%	Aphid of brinjal, Shoot & Fruit borer of okra, brinjal Helicoverpa armigera of tomato and cowpea, Pod fly of cowpea, American Serpentine Leaf miner of Vegetable (ASLM) (Cucurbits, brinjal, cowpea), Ornamentals (Marigold)
Neem oil	2.5-10%	Pea aphid, ASLM, Epilachna Beetle, Mites of vegetables.
Neem oil	4%	GLH, BPH of rice
Neem Cake	250 kg/ha	Shoot & fruit borer of bhindi, brinjal
Neem Cake Extract	10%	Root knot nematode of vegetables
2. Custard apple - <i>Annona squamosa</i>		
Leaf Extract + Cow's urine	10% + 10%	Leaf feeders
Seed Extract	2-5 %	Lepidopteran pests like Epilachna beetle of Brinjal & Bitter gourd, Pea Aphid, Stem Borer, Bugs.
3. Clerodendron - <i>Clerodendron infortunatum</i>		
Plant extract	4-8%	Tobacco caterpillar, Epilachna beetle of brinjal, cucurbits, Leaf roller of okra
Fresh plant or shade dried powdered plant mixed with cow dung	1:10	Rhinoceros beetle of coconut
4. Vilaitulsi - <i>Hyptis suaveolens</i>		
Plant Extract	10%	Aphid and soft bodied pests of vegetables
5. King of bitters - <i>Andrographis paniculate</i>		
Plant Extract	10%	Jassids of cucurbits, Leaf caterpillars
6. Yellow Oleander - <i>Thevetia nerifolia</i>		

Leaf Extract	4-10%	Leaf Webber of Amaranthus, Aphids of Brinjal and Cowpea. Leaf roller of Bhindi, Epilachna Beetle of brinjal
Seed Extract	2%	Leaf feeders like epilachna beetle of brinjal & bitter gourd
7. Chromolaena Eupatorium odorata		
Leaf	15 t/ha two weeks before planting Mulching @ 3 t/ha at 30 days after planting	Nematodes of Vegetables Sweet potato Weevil
8. Tulsi-Ocimum spp		
Plant	Handful of crushed ocimum + 10g jaggery + 0.5 g Custard apple seed extract 5%	Fruit fly of cucurbits, mango
9. Chinese chaste tree - Vitex negunda		
Leaf Extract	5-10%	Fruit & shoot borer of okra, Leaf caterpillars of cucurbits, H. armigera of chick pea.
Dried powdered leaf	1:100	Stored product pests
10. Lantana - Lantana camara		
Plant extract + Cow's urine	10% + 10%	Soft bodied pests
Mixtures		
1. Tobacco decoction + T. nerifolia leaf extract (4%) Tobacco decoction + C. infortunatum (4%)		

Effective against pests of amaranthus, okra, brinjal, bitter gourd and cow pea.

2. Neem oil (20 ml) + garlic 20g + 5g soap / litre of water - Coconut Epiphyd Mite.
3. A. paniculata extract (10%) + cow's urine (10%) + 10g bird chilli / litre - caterpillar pest.
4. Neem oil (20ml) + Pongamia oil (10ml) + garlic (20 g) + 5g soap / litre given as 3 sprays - panicle initiation, berry formation & berry maturation controls pollu beetle of pepper.
5. Keeping castor cake soaked in water @ 1 Kg/ 5 litre of water in small mud pots in coconut garden attracts rhinoceros beetles which can be collected and killed.

PREPARATION OF PERMITTED FUNGICIDES FOR ORGANIC FARMING

Bordeaux mixture (1%)

Dissolve 1kg of powdered copper sulphate crystals in 50 litres of water. In another 50 litres of water, prepare milk of lime with 1 kg of quick lime. Pour the copper sulphate solution into the milk of lime slowly stirring the mixture all the while. Test the mixture before use for the presence of free copper, which is harmful to the plants, by dipping a polished knife in it. If the blade shows a reddish colour due to the deposit of copper, add more lime till the blade is not stained on dipping. Always use wooden, earthen or copper vessels for the preparation of Bordeaux mixture. Use the fungicide in the same day of preparation.

In order to confer sticking qualities to Bordeaux mixture, rosin washing soda mixture, may be added. The addition of the sticker is particularly recommended for sprayings conducted during rainy season. For preparing the mixture, 10 litres of water out of 100 litres required for preparing Bordeaux mixture may be kept apart. Boil 10 litres of water, preferably in an earthen pot and add 500 g of good quality washing soda (sodium carbonate). Boil again until the solution becomes slightly dark in colour. Add one kg of powdered rosin (arpoons) in the boiling washing soda solution. Reduce the flame for avoiding frothing, foaming and spilling over. Boil the solution for 5-10 minutes till the black bubbles appear. Cool the solution until the temperature reaches below 45 degree Celsius. The cooled mixture (10 litres) is then added slowly to the prepared Bordeaux mixture (90 litres) under vigorous stirring.

Bordeaux paste

Dissolve 100 g of copper sulphate and 100 g of quick lime each in 500 ml of water separately. Mix together to make one litre of the paste.

Panchagavya

Panchagavya, an organic product has the potential to play the role of promoting growth and providing immunity in plant system. Panchagavya consists of nine products viz. cow dung, cow urine, milk, curd, jaggery, ghee, banana, Tender coconut and water. When suitably mixed and used, these have miraculous effects.

- Cow dung - 7 kg
- Cow ghee - 1 kg

Mix the above two ingredients thoroughly both in morning and evening hours and keep it for 3 days

- Cow Urine - 10 liters
- Water - 10 liters

After 3 days mix cow urine and water and keep it for 15 days with regular mixing both in morning and evening hours. After 15 days mix the following and panchagavya will be ready after 30 days.

- Cow milk - 3 liters
- Cow curd - 2 liters
- Tender coconut water - 3 liters
- Jaggery - 3 kg
- Well ripened poovan banana – 12 nos.

Preparation

All the above items can be added to a wide mouthed mud pot, concrete tank or plastic can as per the above order. The container should be kept open under shade. The content is to be stirred twice a day both in morning and evening. The Panchagavya stock solution will be ready after 30 days. (Care should be taken not to mix buffalo products. The products of local breeds of cow is said to have potency than exotic breeds). It should be kept in the shade and covered with a wire mesh or plastic mosquito net to prevent houseflies from laying eggs and the formation of maggots in the solution. If sugarcane juice is not available add 500 g of jaggery dissolved in 3 liter of water.

Jeevamrutha

Jeevamrutha is prepared by mixing 10 kg local cow dung with 10 litres cow urine, add 2 kg local jaggery, 2 kg pulse flour and handful of garden soil and the volume made upto 200 litres. Keep the drum in shade covering with wet gunny bag and stir the mixture clockwise thrice a day and incubate.

CROP PROTECTION

MANAGEMENT OF PESTS

RICE

VARIETAL RESISTANCE / TOLERANCE

While selecting the varieties for organic farming, emphasis should be given to multiple resistance /tolerance to major pests of that locality. Use of a variety with some degree of genetic resistance, combined with other non chemical methods can manage the pests effectively.

Rice varieties with multiple tolerance to major pests

Aruna, Aathira, Aiswarya, Nila, Revathy	-	BPH and gall fly
Remanika, Karishma, Krishnanjana	-	Thrips, PH, gall midge, stem borer
Nila (PTB 48)	-	BPH, stem borer and gallfly
Kanakom, Karthika	-	BPH, stem borer, gall fly
Makom, Reshmi	-	BPH, stem borer, gall midge
Aruna	-	BPH, GLH and leaf roller
Jayathi	-	BPH, WBPH
Bhagya	-	Stem borer, gall midge
Kanchana	-	Stem borer, leaf roller
Sagara, Deepthi	-	Leaf folder, whorl maggot and stem borer
Varna (VK1)	-	BPH, Stem borer and leaf roller
Lakshmi	-	Stem borer, gall midge
Dhanya	-	Leaf roller and gall fly
Kairali	-	

CULTURAL CONTROL

Pest incidence can be minimized by adjusting and modifying the cultivation practices. Some of the cultural practices that can be adopted by the farmers are:

1. Field sanitation by incorporation of stubbles immediately after harvest will help to destroy over wintering population of insect pests like stem borer and gall midge. Deep ploughing after harvest is recommended.
2. Optimum seed rate and spacing : High seed rate and closer planting cause thick population which favours the pests like leaf folder, BPH etc.
3. Timely sowing or planting is important to avoid pest incidence. Altering the dates of sowing / transplanting preferably not coinciding the favourable climate for pest outbreak. For example late planting in the first crop season favours the incidence of gall midge. Hence late planting should be avoided.
4. May of the weeds will serve as alternate and collateral hosts of several pests. Destruction of weeds in the field and bunds will help in reducing the population build up of the pests.
5. Draining the field for two days will help to reduce case worm incidence. The incidence of thrips can be reduced by flooding the field for 24 hours.

MECHANICAL CONTROL

For controlling case worm, pull kerosinised rope across plants to dislodge cases hanging on the plants into water and then drain off the water.

Removal of egg masses of stem borer from the plant will help to reduce the pest population.

Light traps:

Installation of light traps in the field would attract and kill the moths of leaf folder, stem borer, BPH, gall fly and rice bug.

Pheromone traps:

Pheromones have been found effective for the management of yellow stem borer and can be utilized for monitoring as well as for direct control through male annihilation either by mass trapping or by disrupting mating communication.

For monitoring stem borer population, three traps should be installed at an inter trap distance of 60 m in a triangular pattern in one acre field. Male moth catch is recorded at three days interval. Sudden increase in the average catch of the trap coincides with the emergence of adults. Weekly catch of 30 males per trap can be taken as the capture threshold which precedes borer damage.

Mass trapping of stem borer by installing pheromone traps @ 20 numbers / ha can effectively reduce the stem borer damage. The pheromone trap is retained throughout the crop stage by replacing 3-4 times the 5 mg lure at 20 day intervals. Pheromone traps can be installed in the nursery also.

BIOLOGICAL CONTROL

Organic farming favours conservation of natural enemies in the rice field, which in turn help to keep the pest population low. The common natural enemies found in the rice ecosystems are:

Dragon flies and Damsel flies, Spiders, Predatory bugs, Predatory beetles, Predatory grasshoppers, Egg parasitoids, Larval parasitoids etc.

Inundative release of Parasitoids

The egg parasitoid *Trichogramma* is a widely used biocontrol agent in rice through out the country for the control of stem borer and leaf folder. *Trichogramma japonicum* is effective against stem borer and *Trichogramma chilonis* is effective against leaf folder. 5 cc egg cards is sufficient for installation in one hectare. Six releases of these parasitoids at weekly intervals is required for a crop season. For the control of stem borer, the egg cards have to be installed in the field starting from the first week after transplanting and for leaf folder, the installation has to be started from 20 days after transplanting or when the moths of these pests are observed in large numbers in the field.

Botanical pesticides

Utilisation of botanical formulations especially neem formulations is an ecofriendly method of pest control in rice. Neem formulations act as feeding deterrents, growth retardants, oviposition deterrents and reproductive inhibitors. Application of 2% neem oil or 10% neem cake extract can control rice thrips.

Pocket application of biopesticides may be adopted in heavily infested areas to control further spread of the pests and to conserve the existing natural enemy population. Careful monitoring of the field is very important to adopt proper pest management practices in a timely manner.

COCONUT

Rhinoceros

- ◆ Provide field sanitation to prevent breeding of beetles

beetle	<ul style="list-style-type: none"> ◆ Hook out the beetles from the attacked palms by using beetle hook. ◆ The topmost three leaf axils around the spindle may be filled with 250g neem cake or marrotti cake mixed with equal volume of sand in the innermost 2-3 leaf axis. This treatment is to be done twice, i.e., during April-May before the onset of South-West monsoon and during September-October after the South-West monsoon. ◆ Incorporation of <i>Clerodendron infortunatum</i> @10% w/w basis in the cowdung pit/manure pit. ◆ Dust manure pit walls with lime powder and plaster with cow dung. ◆ Boil castor cake and groundnut cake with a little quantity of water. Keep in earthen pots near light source to attract beetles, which can be collected and killed. ◆ Mix sand (250 g) and neem seed powder (100 g) and fill inner leaf sheaths of youngest leaves. ◆ Release <i>Baculovirus oryctes</i> infected adults @ 10-15/ha to bring down the pest population. ◆ Inoculation of breeding sites with entomopathogenic fungus <i>Metarrhizium anisopliae</i> (@ 5x10¹¹ spores/ml) gives effective control.
Red palm weevil	<ul style="list-style-type: none"> ◆ Field sanitation should be given prime importance. ◆ Avoid making steps or any other injury on the tree trunks to reduce the loci of infestation ◆ Leaf axil filling as suggested in the case of rhinoceros beetle will be useful against the red palm weevil also. ◆ When green leaves are cut from the palms, stumps of not less than 120 cm may be left on the trees in order to prevent successful inward movement of the grubs through the cut end. ◆ Clean the crown periodically before and after rain. ◆ Mix sand and nerium seed powder and fill the bore holes. ◆ Coconut log traps with fermenting toddy or pineapple or sugarcane activated with yeast or molasses can be set in coconut plantation to attract and trap the free floating population of red palm weevil.
Leaf eating caterpillar	<ul style="list-style-type: none"> ◆ Use of pheromone trap for attracting and killing adult weevils @ one trap per 2 ha. ◆ As a prophylactic measure, the first affected leaves may be cut and burnt during the beginning of the summer season. ◆ Arrange for the release of larval/pupal parasitoids, <i>Goniozus nephantidis</i>, <i>Elasmus nephantidis</i> (brown species) and <i>Brachymeria nosatoi</i>. ◆ Mix extract of 2kg neem seed kernel and 200g soap in 200 litres of water and spray followed by release of larval/pupal parasites.
Cockchafer beetle	<ul style="list-style-type: none"> ◆ Collection and destruction of adults during the monsoon period from adjacent vegetation (in the evening) ◆ Plough or dig the infested soil synchronizing with pre-monsoon showers. ◆ Apply sugar solution in coconut basin near root zone. ◆ Leaf loppings of <i>Anacardium occidentale</i>, <i>Tamarindus indica</i> and <i>Tectona grandis</i> and drenching with cashewnut shell liquid (CSNL) solution (2% v/v) is effective against root grub. Note : Wherever possible, light traps may be set up to attract and trap adult beetles.
Coconut eriophyid mite	<ul style="list-style-type: none"> ◆ Collect and destroy all the fallen buttons of the affected palm. ◆ Apply 2% neem oil + garlic emulsion or commercial neem formulation azadirachtin 0.004% (Neemazal T/S 1% @ 4 ml per litre of water) or micronized wettable sulphur 0.4% in the crown on young bunches. ◆ Improving nutrient status by applying organic manure at the rate of 50 kg and neem cake 5 kg per palm per year. Also apply the recommended dose of fertilizers in two split applications. ◆ Growing compatible intercrops/mixed crops. ◆ Providing adequate irrigation.
Mealy bug	<ul style="list-style-type: none"> ◆ Remove and destroy all dried up inflorescence and unproductive buttons. Neem garlic emulsion 2% applied on infested bunches checks button mealy bugs.
Rodents	<ul style="list-style-type: none"> ◆ Boil 10kg wheat and two large pieces of glyricidia bark and broadcast in field as bait. ◆ Mix gypsum and sugar and keep in places as bait where rats are frequent. ◆ Take one part nerium seed powder + nine parts rice + one part coconut pulp + a little oil. Mix well and use as a bait. ◆ Mix shrimp powder and cement (dry) and keep as bait. Pre baiting with shrimp powder alone will be more effective. ◆ Use tin barrier around tree trunk to prevent rat damage.

DISEASE MANAGEMENT

RICE

Varietal resistance

Select varieties with built in resistance to major diseases.

Blast : Rohini, Bharati, Mattatriveni, Jayathi, Neeraja, Kairali, Kanchana, Nila, Aathira, Aiswarya, Harsha, Kanakom, Renjini, Remanika, Lakshmi, Onam, Dhanya, Sagara, Deepthi, Ahalya.

Sheath blight : Reshmi, Mattatriveni, Nila, Kairali, Karthika, Aathira, Aiswarya, Pavizham, Karthika, Aruna, Makom, Remya, Kanakom, Gouri, Lakshmi, Bhagya, Onam, Dhanya and Sagara.

Cultural practices

- ◆ Deep summer ploughing of the fields
- ◆ Use properly dried, disease free seeds.
- ◆ Follow optimum time for sowing / plaining
- ◆ Apply rice hull ash @ 100 g/m² which will help to reduce the incidence of blast in the nursery.
- ◆ Destroy / remove disease harbouring weeds from the field.
- ◆ Give optimum spacing
- ◆ Follow proper water management. Water logging favours diseases like sheath blight. Draining the field for one or two days will help to reduce the spread of the disease.
- ◆ Avoid clipping of leaf tips at the time of transplanting in bacterial blight endemic areas.

Note : Incorporation of green manures like *Pterocarpus marsupium*, *Eupatorium odoratum* and *Mangifera indica* (Mango) @ 5 t/ha or application of leaves of plants such as *Lawsonia inermis*, *Calotropis*, *Azadirachta indica*, *Datura stramonium* and *Glyricidia* @ 2.5 t / ha will also reduce incidence of sheath blight.

Bio-control agents

Application of *Pseudomonas fluorescens* P1 in different ways viz., seed treatment, seedling root dip, soil application or foliar spray will effectively control fungal diseases and bacterial diseases.

Seed treatment : Treat the seeds with talc based formulation @ 10 g per kg of seed. It wet sowing in practiced, treated seeds are soaked in water for 12 hours. Drain the excess water and keep for sprouting.

Seedling root dip : Dip the roots of the seedlings before transplanting in solution of *P. fluorescens* (20g/ litre) for 30 minutes. Seedling root dip can be easily done in the field itself. Water is to be impounded in the field by taking pits or making bunds and mix the talc based formulation in water. The pulled out seedlings are to be kept in such a way so as to immerse the roots in *P. fluorescens* mixed water. After half an hour seedlings are planted in the main field. For dipping the seedlings for one ha, 2.5 kg talc based formulation is required.

Soil Application : Apply talc based formulation of *P. fluorescens* @ 2.5 kg per ha one week after transplanting or 30 – 40 days after sowing for the direct sown crop. Mix 2.5 kg of *P. fluorescens* with 50 kg dried cow dung or sand and broadcast in the field. Dewater the field before the application of the culture.

Foliar spray: *P. fluorescens* can be sprayed on the foliage @ 20 g/ litre of water. Spraying can be repeated depending on the disease severity. The application of *P. fluorescens* for a minimum of three times like seed treatment, seedling root dip and one foliar spray will be very effective in providing protection of rice crop from disease incidence.

PGPR mix II : root dip and foliar application of PGPR mix II give effective protection against fungal and bacterial diseases.

Foliar spray of cow dung slurry is also effective for the management of bacterial blight of rice. Fresh cow dung @ 20 g/ litre is mixed in water and the supernatant is used for spraying. The bacteriophages present in the cow dung act against the pathogenic bacteria present on the plant. 500 litres of cow dung liquid is need for one hectare.

COCONUT

Bud rot

- ◆ In early stages of the disease (when the heart leaf starts withering) cut and remove all affected tissues of the crown. Apply Bordeaux paste and protect it from rain till normal shoot emerges.
- ◆ Burn all disease-affected tissues removed from the palm.
- ◆ Spray 1% Bordeaux mixture on spindle leaves and crown of disease affected as well as neighbouring palms, as a prophylactic measure.

	<ul style="list-style-type: none"> ◆ Adopt control measures for rhinoceros beetle. ◆ Provide adequate drainage in gardens. ◆ Adopt proper spacing and avoid over crowding in bud rot prone gardens.
Mahali	<ul style="list-style-type: none"> ◆ Spray 1% Bordeaux mixture on the crown of palms, once before the monsoon and once or twice later on at intervals of 40 days.
Root (wilt) disease	<ul style="list-style-type: none"> ◆ Rogue out palms that are affected severely by root (wilt) and yield less than 10 nuts/palm/year and those, which have contracted the disease before flowering. Replant with disease tolerant material/high yielding hybrids (Chandrasankara) ◆ Growing green manure crops like sunhemp, sesbania, cowpea and calapagonium in the coconut basin and their incorporation in situ is beneficial as the practice reduces the intensity of the root (wilt) and increases the nut yield. The ideal green manure crops for the sandy and alluvial soils are cowpea and sesbania, respectively. ◆ Apply manures in 10 cm deep circular basins at a radius of 2 m from the base of the palm. ◆ When the crop is grown under the bund and channel system, desilt the channel and strengthen the bunds during summer months. ◆ Ensure proper drainage in the field during rainy season. ◆ Follow strictly all the prescribed prophylactic measures against leaf rot disease, red palm weevil, rhinoceros beetle etc. so as to ensure that the palms are not debilitated. To maintain the productivity of the palms, prophylactic measures are of great importance. Apply Trichoderma + Pseudomonas fluorescence so as to enhance the soil health. Package for severely affected areas : Apply FYM 25kg + coirpith compost 25 kg + wood ash 5kg + koyal silt (if available) per coconut basin. Sow 35 g of cowpea seeds per basin of 1m width and incorporate the biomass in the soil. Bury coconut husks of 25 coconuts in the basins and apply water.
Leaf rot	<ul style="list-style-type: none"> ◆ Remove the rotten portions from the spear and the two adjacent leaves. ◆ Spray crowns and leaves with 1% Bordeaux mixture in January, April-May and September. While spraying care has to be taken to spray the spindle leaf. ◆ Application of Pseudomonas fluorescence 2% suspension in the leaf at the initial stage of infection.
Stem bleeding	<ul style="list-style-type: none"> ◆ Chisel out completely the affected tissues and paint the wound with Bordeaux paste. ◆ Destroy the chiseled materials by burning. Avoid any mechanical injury to trunk. ◆ Apply neem cake @ 5 kg per palm in the basin along with other organics. ◆ Apply Trichoderma @ 50g/ palm along with FYM.
Grey blight	<ul style="list-style-type: none"> ◆ Remove severely affected older leaves and burn. Spray the trees with 1% Bordeaux mixture.
Tanjore wilt	<ul style="list-style-type: none"> ◆ Apply organic manure @ 50 kg/palm. ◆ Apply neem cake @ 5 kg/palm/year. ◆ Drench the basin with 40 litres of 1% Bordeaux mixture to soak soil upto 15 cm depth at quarterly intervals. ◆ Avoid flood irrigation in order to prevent the possible spread of the pathogen through soil. ◆ Isolate the affected palm from the healthy ones by digging a trench of size 1 m deep and 50 cm wide, 1.5 m away from the bole of the infected palm. ◆ Avoid growing leguminous crops in and around the garden.

Source: Package of Practices Recommendations (Adhoc) for Organic Farming : Crops, KAU 2009.

PEPPER

Pepper requires a warm and humid climate. Though an annual rainfall of 250 cm is ideal for the proper growth of the crop, it can also come up well in low rainfall areas, if the pattern and distribution of rainfall are conducive. About 70 mm of rainfall within a period of 20 days may be sufficient for triggering of flushing and flowering process in the plant, but once the process is set on, there should be continuous, rainfall until fruit development starts. Any dry spell, even for a few days, within this critical period will result in substantial reduction of yield. Very long spells of dry weather are unfavourable for the crop growth.

The plant tolerates a minimum temperature of 10°C and maximum of 40°C, the optimum being 20 - 30°C. It can be grown

from sea level upto an altitude of 1200 m.

Pepper prefers a light porous and well-drained soil rich in organic matter. Water stagnation in the soil, even for a very short period, is injurious for the plant. So, heavy textured soils in locations where drainage facilities are inadequate should be avoided.

Varieties

Improved varieties: Panniyur-1, Panniyur-2, Panniyur-3, Panniyur-4, Panniyur-5, Panniyur-6, Panniyur-7, Subhakara, Sreekara, Panchami, Pournami. IISR Sakthi and IISR Thevam are tolerant to Phytophthora foot rot.

Local varieties: Kottanadan, Kuthiravally, Arakulam Munda, Balankotta, Kalluvally and Karimunda.

Selection of site

Sites with slight to moderate slope are ideal for pepper cultivation, as they promote drainage. Slopes facing south are to be avoided as far as possible. When such slopes are to be used for cultivation, the young plants may be sufficiently protected from the scorching sun during summer.

Field planting

Planting of standards is to be taken up in April-May with the onset of pre-monsoon showers. Murukku (*Erythrina indica*) Karayam or Killingil (*Garuga pinnata*), *Ailanthus* sp., subabul (*Leucaena leucocephala*) etc. are suitable standards for growing pepper. Because of prevalence of *Erythrina* gall wasp avoid using *Erythrina* as standard. Only species tolerant to *Erythrina* gall wasp is *Erythrina variegata* (heavily thorny). In high altitude areas, dadap (*E. lithosperma*) and Silver oak (*Grevillea robusta*) can be successfully used as standard for pepper. Seedlings of subabul and silver oak are to be planted 2-3 years before planting pepper. The cuttings of standards are to be planted in narrow holes of 40 to 50 cm depth. The spacing recommended is 3 m x 3 m on plain lands and 2 m between plants in rows across the slope and 4 m between rows on sloppy lands. The soil should be pressed well around the standards to avoid air pockets and keep the standards firm in the soil.

For planting pepper, prepare pits on the northern side of standards, 15 cm away from it. The pit size should be 50 cm x 50 cm x 50 cm. Fill the pits with a mixture of topsoil and compost or well rotten cattle manure @ 5 kg per pit. With the onset of southwest monsoon in June-July, plant 2 rooted cuttings in the pits at a distance of about 30 cm away from the standards. Press the soil around the cuttings and form a small mound slopping outward and away from the cuttings to prevent water stagnation around the plants. The growing portions of the cuttings are to be trailed and tied to the standards. Provide shade to the plants if the land is exposed and if there is a break in the rainfall. When pepper is trailed on arecanut, plant the cuttings 1.0 m away from palm and 1.5 m when coconut is used as the support. Trail the pepper vines on a temporary stake for 1-2 years. When they attain sufficient length to reach the tree trunk, remove the stake without causing damage to the vines and tie the pepper plants on to the tree trunk and trail them on it.

Management after planting

If the terrain of the land is sloppy or uneven, carry out contour bunding or terracing to prevent soil erosion. Carry out digging around the standards and vines at a radius of about 1 m from the base or in the entire plantation, twice during the year, the first at the onset of southwest monsoon and the second towards the end of northeast monsoon. Weeding around the plants is to be done according to necessity. However, in foot rot affected gardens, digging should be avoided and weeds removed by slashing. In the early stages, tie the vines to the standards, if found necessary.

Where pepper is grown in large areas, growing of cover crops like *Calapogonium muconoides* is recommended. When such cover crops are grown, they are to be cut back regularly from the base of the plants to prevent them from twining along with the pepper vines. Lowering of vines after one year's growth will promote lateral branch production.

Intercropping of pepper gardens with ginger, turmeric, colocasia and elephant foot yam is advantageous. Banana as an intercrop in yielding gardens reduces pepper yield. Therefore, this is not recommended beyond three to four years after planting of pepper vines. However, in the early years, banana provides shade to the young plants and protects them from drying up during summer months.

When pepper is grown in open places, shading and watering of the young seedlings may be done during summer months for the first 1 to 3 years according to necessity. The young plants may be completely covered with dry arecanut leaves, coconut leaves or twigs of trees until summer months are over. Mulching the basins of pepper vines during summer months is highly advantageous. Saw dust, arecanut husk and dry leaves are suitable mulching materials. Removal of unwanted terminal shoot growths and hanging shoots should be done as and when necessary.

Prune and train the standards in March-April every year to remove excessive overgrowth and to give them a proper shape. The effective height of the standard is to be limited to about 6 m. A second pruning of the standards may be done in July-August, if there is excessive shade in the garden.

Harvesting and processing

Black pepper

Black pepper of commerce is produced from whole, unripe but fully developed berries. The harvested berries are piled up in a heap to initiate browning. Then berries are detached from the stalk by threshing. Then they are spread on suitable drying floor. During sun-drying, berries are raked to ensure uniform drying and to avoid mould development. Drying the berries for 3-5 days reduces the moisture content to 10-12 per cent. The dried berries are cleaned, graded and packed in double lined gunny bags.

Blanching the berries in boiling water for one minute prior to sun drying accelerates browning process as well as the rate of drying. It also gives a uniform lustrous black colour to the finished product and prevents mouldiness of berries. Prolonged blanching should be avoided since it can deactivate the enzymes responsible for browning process.

White pepper

White pepper is prepared from ripe berries or by decorticating black pepper. Bright red berries, after harvest are detached from the stalk and packed in gunny bags. The bags are allowed to soak in slow running water for about one week during which bacterial rotting occurs and pericarp gets loosened. Then the berries are trampled under feet to remove any adhering pericarp, washed in water and then sun dried to reduce the moisture content to 10-12 per cent and to achieve a cream or white colour. White pepper is garbled, sorted and packed in gunny bags. Approximately 25 kg white pepper is obtained from 100 kg ripe berries.

Banana

Banana prefers tropical humid lowlands and is grown from the sea level to 1000 m above MSL. It can also be grown at elevations up to 1200 m, but at higher elevations growth is poor. Optimum temperature is 27°C. Soils with good fertility and assured supply of moisture are best suited.

Season

Rain fed crop : April-May

Irrigated crop : August-September

Adjust planting season depending upon local conditions. Avoid periods of heavy monsoon and severe summer for planting. Adjust the time of planting so as to avoid high temperature and drought at the time of emergence of bunches (7-8 months after planting).

Varieties

Nendran (Clones): Nedunendran, Zanzibar, Chengalikodan and Big Ebanga.

Table varieties: Monsmarie, Robusta, Giant Governor, Dwarf Cavendish, Chenkadali, Poovan, Palayankodan, Njalipoovan, Amritsagar, Grosdmichael, Karpooravally, Poomkalli, Kooppilla-kannan, Chinali, Dudhsagar, BRS-1, BRS-2 and Yangambi.

Culinary varieties: Monthan, Batheesa, Kanchikela, Nendrapadathy

Njalipoovan, Robusta, BRS-1 and BRS-2 are particularly suitable for intercropping in coconut gardens both under rainfed and irrigated conditions. Dudhsagar is highly resistant to major pests and diseases. The variety Bodles Altafort is recommended for high range region (ad hoc).

Preparation of land

Prepare the field by ploughing or digging and dig pits for planting. Size of pits depends upon soil type, water table and variety. In general, pit size of 50 cm x 50 cm x 50 cm is recommended. In low-lying areas, take mounds for planting suckers.

Selection of suckers

Select 3-4 month old disease free sword suckers from healthy clumps. In the case of Nendran variety, cut back pseudostem to a length of 15-20 cm from corm and remove old roots. The rhizomes are to be smeared with cowdung solution and ash and dried in the sun for about 3-4 days and stored in shade upto 15 days before planting.

Spacing

Spacing may be provided as indicated

below:

Variety	Spacing, m	Suckers/ha
Poovan, Chenkadali Palayankodan, Monthan	2.1 x 2.1	2260
Nendran	2.0 x 2.0	2500
Gros michael	2.4 x 2.4	1730
Robusta, Monsmarie, Dwarf Cavandish	2.4 x 1.8	2310

Planting

Plant suckers upright in the centre of pits with 5 cm pseudostem remaining above soil level. Press soil around the sucker to avoid hollow air spaces.

Manuring

1. Apply compost, cattle manure or green leaves @ 10 kg/plant at the time of planting.

For double sucker planting at a spacing of 3 m x 2 m, 133 per cent of recommended dose for single sucker planting in six splits is needed when farm yard manure is used as the organic source. The recommended dose for single sucker itself is sufficient with vermicompost as organic source. This should be accompanied with in situ green manuring @ 15 g cowpea seeds per pit (25 kg ha⁻¹) at the time of planting. Incorporate the cowpea crop into soil 40 days after sowing.

Tissue culture Nendran banana

(Ad hoc recommendation)

Tissue culture offers a rapid method of multiplication of quality, uniform, pest and disease free production of planting materials in large quantities in banana. The productivity of banana can be increased by cultivation of tissue culture plants of selected elite ecotypes of different varieties.

Spacing

Give spacing of 2 m x 2 m (2500 plants/ha). Tissue culture plants can also be used for high density planting in Nendran banana to achieve higher returns. The spacing recommended for high density planting is as follows: (a) 2 m x 3 m with two plants / pit (3332 plants in 1666 pits per ha) (b) 1.75 m x 1.75 m with one plant per pit (3265 plants / ha)

Pit size

50 cm x 50 cm x 50 cm

Method of planting

Prepare pits 15 days in advance of planting. Fill the pits with topsoil and FYM 15-20 kg per plant per pit. Plant the tissue culture plants on the top of the pit at ground level. Remove the polythene cover completely before planting without damaging the roots. Planting may be done preferably during evening hours. Provide partial shade to plants to protect against sun scorching for about two weeks. Irrigate the crop daily during initial days of establishment.

ORGANIC CERTIFICATION

Organic certification means having the farm and the farmer's methods inspected by an organic certifying group to ensure that they comply with the guidelines on organic farming. Organic certification improves the image of organic agriculture and provides transparency in certification. For gaining consumer's confidence, valid organic certification is an essential pre-requisite for marketing especially in the export market. Generally organic certification involves many standards, inspection and certification.

Certification is a procedure by which a third party gives a written assurance that a product, cause or service is in conformity with certain standards. Organic standards are defined as minimum production practices including storage, transportation, processing, handling, packing and labelling requirements which must be followed for certifying the products as organic.

It is to be recognized that animals are a part of organic farming system since they contribute to nutrient cycles, soil fertility and higher yields. Draught purpose is achieved and the by products are utilized well. Forage crops improve crop rotation and allow for diversification in farming. There are many organic standards on national as well as international levels. Generally standards vary with the country and to sell the products in a particular country, the standards of the importing country are to be followed. Certification is the key to the national organic program. In US since 21st October 2002 it is a federal offence to label

any food product as organic unless it has been certified. Certification process focuses on the methods and materials used in production. There are two main requirements:

1. The methods and materials used in production must meet organic standards.
2. There must be clear and ongoing documentation of these methods and materials.

The concept of organic certification is that a third party - an organic certifying agent evaluates producers, processors and handlers to determine whether confirm to an established set of operating guideline called organic standards. Those which confirm are certified by the agent and allowed to use a logo, product statement or certificate to document their product as certified organic. In other words, the certifier vouches for the producer and assures buyers of the organic product's integrity.

CERTIFICATION IN INDIA

The Ministry of Commerce launched NPOP (National Programme for Organic Production) in March 2000, designed to establish national standards for organic products, which could then be sold under the logo "India organic". For the proper implementation of NPOP, NAPP (National Accreditation Policy and Programme) has been formulated with Accreditation Regulations announced in May 2001. These make it mandatory that all certification bodies whether international or foreign operating in the country must be accredited by an Accreditation Agency. There are six accreditation agencies in India:-

1. Agricultural Processed Food Products Export Development Authority (APEDA)
2. Coffee Board
3. Spices Board
4. Coconut Development Board
5. Tea Board
6. Directorate of Cashew and Cocoa Development

APEDA has recognized the following Inspection Certification bodies, all of these are able to certify based on the NPOP:

1. BVQ1 (India) Pvt. Ltd (Mumbai)
2. E cocert (Aurangabad)
3. IMO control private limited (Bangalore)
4. Indian organic certification agency (Indocert, Aluva)
5. International Resources for farmer trade members
6. Lacon quality certification Pvt. Ltd (Theepany, Kerala)
7. National organic certification Association Pvt. Ltd (Pune)
8. One Cert Asia Agri Certification Pvt. Ltd (Jaipur)
9. SGS India Pvt. Ltd (Gurgaon)
10. Skal International (Bangalore)
11. Uttaranchal State Organic Certification Agency (Uttaranchal).

Many of the Indian farmers are small scale, poor farmers who may not be able to afford the cost of certification. Private certification bodies are creating International control systems and participatory guarantee system as alternative means of certification to reduce the cost of certification.

Source: Package of Practices Recommendations (Adhoc) for Organic Farming: Crops, KAU 2009.

DEPARTMENT OF ANIMAL HUSBANDRY

OBJECTIVES OF THE DEPARTMENT

- To evolve Schemes to retain the traditional livestock farmers in AH Sector.
- Transfer of Technology from labs to field.
- To exploit the production potential of Livestock & Poultry.
- Effective implementation of breeding policy.
- Capacity building of technical and administrative staff.
- IT applications for better office management.
- To conduct Research and Development and survey on problems faced by the farmers, consumers and public.
- To continue supply of good quality germ plasm to farmers.
- To conserve local breeds pertaining to livestock and poultry of our state.
- To implement innovative Schemes like rearing of Malabari Goats, Quail husbandry, Rabbit husbandry, Bull calf rearing, Azolla cultivation etc.
- To implement Hygienic Meat Production by proper Meat Inspection & Modernisation of Slaughter Houses.
- Effective Control of Zoonotic diseases through treatment, Screening of Animals, Vaccination, Creating public awareness through Farm Information Bureau.

BREEDING POLICY OF KERALA

The Breeding Policy approved by the Government of Kerala is summarized below.

Only Foreign breeds of Jersey and Holstein Friesian shall be continued to be used as exotic donor. ❖ The level of exotic inheritance shall be limited to around 50% in the small holding population. If required, the farmers with good resources and those involved in commercial / semi commercial dairying could be provided with semen from bulls with exotic inheritance upto 75%. In all the cases germ plasm provided by Kerala Livestock Development Board alone may be used in the state and it should be under the supervision of the Director of Animal Husbandry. ❖ The present Progeny testing programmes shall continue and more parameters like milk constituents and type characters (Udder, legs, body type traits) are to be included in the bull selection process. ❖ For next generation bull calf production, Embryo Transfer Technology, In-vitro fertilisation and sexed sorted semen technology shall also be used. ❖ Female sex sorted semen shall be provided for the production of female calves as per the need of the farmers, without subsidy. ❖ Semen of proven bulls shall be used in Premium Bull Scheme to the Maximum. ❖ Awareness programmes to personnel. ❖ Conservation programme for indigenous breeds of the state (Vechur Cow, Malabari goat, Attappady goat) ❖ All AI technicians of the state shall register with the concerned licensing authority. ❖ State Government should formulate a 'Feed and Fodder policy'. ❖ Legislation shall be done for the testing and controlling the quality of compounded cattle feed distributed in the state. ❖ For the protection of Livestock health, an insurance policy may be started in 'Mediclaim' model. ❖ For mastitis control, AHD shall formulate a 'Mission Mode Project'. ❖ A minimum of 50% calves born in the state shall be covered compulsorily under SLBP programme. ❖ AHD shall initiate vaccination programme against Brucellosis. ❖ Molecular Biotechnology shall also be used in the selection of breeding bulls. ❖ With the cooperation of Kerala Veterinary and Animal Sciences University the field level applied research activities shall be formulated and implemented with respect to cattle breeding, breeding bull selection etc.

INSTITUTIONS UNDER DEPARTMENT OF ANIMAL HUSBANDRY

Directorate (1), DAHO Office (14), Multi Speciality Hospital Kudappanakkunnu (1), District Veterinary Centre (14), Veterinary Poly Clinics (48), Veterinary Hospitals (210), Veterinary Dispensaries (896), Mobile Veterinary Hospitals/Dispensaries (9), Motor Boat Veterinary Hospital (1), Mobile Farm Aid Units (10), Intensive Cattle Development Projects (9), Regional Artificial Insemination Centres (38), ICDP Sub Centres (1359), SLBP Head Quarters (1), SLBP Deputy Director's Office (3), Calf Feed Subsidy Scheme Office (5), Institute of Animal Health and Veterinary Biologicals (1), State Institute of Animal Disease, Palode (1), Cattle Sterility Office (1), Avian Disease Diagnostic Lab (1), State Laboratory for Livestock Marine & Agri. Products (1), Livestock Management Training Centres (5), Central Veterinary Stores (3), Livestock Farms (4), Goat Farms (3), Pig breeding farms (1), Pig breeding units (5), Central Hatchery (1), Regional Poultry Farms (7), District Poultry farms (1), Duck Farm (1),

Turkey farm (1), Rinderpest Eradication Scheme (1), RP Check posts (18), RP Mobile Units (2), RP Vigilance Units (6), Poultry Training Centre (1), Chick Sexing School (2)

INSTITUTE OF ANIMAL HEALTH AND VETERINARY BIOLOGICALS, PALODE

Name of Vaccines available		Other Products
1. Ranikhet disease vaccine (F1)	7.PPR	1. California mastitis reagent
2. Ranikhet disease vaccine (K)	8. Duck plague vaccine	2. Salmonella pullorum coloured antigen
3. R2B	9. BQ	3. Mastitis Kit
4. Fowl pox vaccine	10.H S (OA)	4. Antibiotic sensitivity Kit
5. Anthrax spore vaccine	11.Duck Pasteurella Vaccine	5. 50% Glycerol Saline
6. Swine fever vaccine	12. Entero toxemia Vaccine	6. Rose Bengal plate test antigen

ANIMAL WELFARE DIVISION

The prevention of cruelty to Animals Act 1960 (59 to 60) and subsequent amendment rules are in force to prevent the infliction of unnecessary pain or suffering on animals. In 1904, the first SPCA was established at Thiruvananthapuram, followed by another at Kannur. as of now SPCAs have been registered under Societies registration Act in all 14 districts. Government of India has enacted an amendment to the PCA Act 1960-Establishment and Regulation of SPCAs Rules 2001. Every district has to have an SPCA as per the provision in the rule. A separate cell will be constituted at the Directorate of Animal Husbandry by redesignation to provide nodal function and to strengthen the animal welfare activities, for its effective monitoring and reporting of the schemes both by Government of India & Government of Kerala.

LIVESTOCK & POULTRY DEVELOPMENT PROGRAMMES

Animal Husbandry sector plays an important role in the strengthening the economy of the state, especially rural economy. Besides, AH sector is providing employment opportunities to unemployed and underemployed rural poor.

- Cattle Development Schemes
- Goat Rearing Schemes
- Pig Breeding Schemes
- Rabbit Rearing Schemes
- Poultry Development Schemes

For strengthening programmes, department farms play important role.

CATTLE DEVELOPMENT PROGRAMMES

The cattle development programmes have been imparted in the state with the aim of increasing milk & meat production. Among them the most important is crossbreeding activities. The Intensive Cattle Development Programmes have been established in the state aiming at this.

Livestock Farms

Cattle farms have been established for rearing high yielding varieties of cows and buffaloes. These farms are functioning as demonstration cum training centres with a view to providing necessary information and technical know-how to the public on improvement of milk production, cattle management, feeding practices etc. These farms impart farm training to livestock inspectors and vocational higher secondary certificate holders. Milk production and fodder production are other fields of activity.

There are five Livestock farms in Kerala under Animal Husbandry Department.

1. Jersey Farm, Vithura
2. District Livestock Farm, Kudappanakunnu
3. Jersey Farm Extension Unit, Chettachal
4. Hightech Dairy Farm, Kuriottumala
5. Cattle Farm Badiyadukka Kasargod

Jersey Farm, Vithura

This farm was established for producing high yielding cows by cross breeding

indigenous breeds with exotic breeds. A goat-rearing unit was also established here on 2003. This farm is under the

supervision of a Deputy Director.

District Livestock Farm, Kudappanakunnu

Established in 1953 at Kudappanakunnu, this farm now functions as a multi species multi breed, demonstration farm of the department rearing cattle of Jersey, Holstein Friesian and Brown Swiss cross-breeds; Goats of Malabari breed, Pigs of large white Yorkshire breed, Rabbits of soviet chinchilla, angora, white giant, gey giant breeds and an emu rearing unit are also functioning in the farm.

Jersey Farm Extension Unit, Chettachal

Initially started as an extension unit of the Jersey Farm, Vithura. This farm has a total area of 39.2 hectares, out of which fodder is cultivated in 14 hectares.

Hightech Dairy Farm, Kuriottumala

This farm was established in 1981.

A high-tech Cattle rearing unit, a goat-rearing unit and a hatchery are also functioning here.

Cattle Farm, Badiyadukka Kasaragod

A new farm was established at Bediaddukka in Kasargode district in 2015 under Animal Husbandry Department for conservation of indigenous breeds of cattle especially varieties like Kasargode dwarf cattle. The farm has a capacity of housing 110 numbers of cattle

GOAT REARING FARMS

Goat rearing has a major role in creating self-employment opportunities in rural sector, which will foster the rural economy. The primary objective is to facilitate the conservation of local germplasm. The three Goat Breeding Farms and three goat rearing units under the Animal Husbandry Department are rearing local breeds like Malabari and Attapadi Black etc.

The Agali Goat Farm is maintaining a stock of Attapadi Black. The remaining five farms are engaged in the conservation and propagation of the Malabari breed.

- Goat Breeding Farm, Parassala , Thiruvananthapuram
- Goat Breeding Farm, Attapadi, Palakkad
- Goat Breeding Farm, Kommeri, Kannur
- Goat Rearing Unit at District Livestock Farm, Thiruvananthapuram
- Goat Rearing Unit at Jersey Farm Vithura, Thiruvananthapuram
- Goat Rearing Unit at Buffalo Breeding Farm, Kuriottumala, Kollam

Goat Farm, Attapadi, Palakkad

Government Goat Farm at Attapadi has been established with a view to help the tribal families of Attapadi to rear goats and sheep as a subsidiary occupation. This Goat Farm is maintaining a stock of Attapadi Black.

Goat Farm, Kommeri, Kannur

The farms were established with a view to produce and propagate Malabari goats, the best suited breed to the agro-climatic conditions prevailing in the state.

Goat Farm, Parasuvackal, Parassala, Thiruvananthapuram

The objectives of the farm are to preserve rear and propagate Malabari Goats and thus stimulate farmers to take up goat rearing as a source of income for livelihood and also to supply good quality fodder to farmers on nominal rate.

PIG BREEDING FARMS / BREEDING UNIT

Piggery development activities aim to popularize rearing of improved varieties of pigs among the farmers and to ensure the availability of adequate number of piglings for distribution under various schemes, production and supply of good quality pork etc. These activities are conducted under the guidance and co-ordination of the Swine Husbandry office functioning at Aluva.

The pig-breeding farm at Kappad, Kottayam and six pig breeding units in the state functions as demonstration centers and impart scientific training on pig rearing to farmers.

- Pig Farm, Kappad, Kottayam
- Pig Breeding Unit, Parassala, Thiruvananthapuram
- Pig Breeding Unit, Thalayolaparampu, Kottayam
- Pig Breeding Unit, Kolani, Idukki
- Pig Breeding Unit, Angamaly, Ernakulam
- Pig Breeding Unit, Kunnankulam, Trissur
- Pig Breeding Unit, Mundayad, Kannur

RABBIT REARING UNITS

These units were established to popularize rabbit rearing, to improve the quality of rabbits reared for meat purpose and to preserve different varieties and breeds of rabbits and Exotic broiler rabbit breeds like Soviet Chinchilla, White Giant, Grey Giant, Newzeland white, Angora(wool type) and Silver Fox are reared in the 3 rabbit rearing units of department.

- Rabbit Rearing Unit at District Livestock Farm, Kudappanakunnu.
- Rabbit Rearing Unit at Buffalo Breeding Farm, Kuriottumala
- Rabbit Rearing Unit at Regional Poultry Farm, Chathamangalam.

POULTRY FARMS

The Poultry Development Schemes in the state aims at increasing the egg production;

and distribution of chicks and good quality poultry meat; imparting training on scientific poultry rearing and management; encouraging unemployed youth and members of weaker sections of society to take up poultry rearing and gain self employment; assisting women to start backyard poultry unit etc. There are seven regional poultry farms, two district poultry farms, one duck farm, one turkey farm, one central hatchery, one quail rearing unit and an intensive poultry development block under the department to carry out the development activities.

1. Central Hatchery, Chengannur.
2. Regional Poultry Farm, Kudappanakunnu, Thiruvananthapuram
3. Regional Poultry Farm, Kureeppuzha, Kollam (Turkey Farm)
4. Regional Poultry Farm, Manarcadu, Kottayam.
5. Regional Poultry Farm, Koovappady, Ernakulam.
6. Regional Poultry Farm, Malampuzha, Palakkad.
7. Regional Poultry Farm, Chathamangalam, Kozhikode.
8. Regional Poultry Farm, Mundayad, Kannur.
9. District Poultry Farm, Athavanad, Malappuram
10. District Poultry Farm, Kolani, Idukki.
11. Duck Farm, Niranam.

1. Central Hatchery, Chengannur

The Central Hatchery has been established at Chengannur in Alappuzha District during

1961-62 for organizing the Poultry sector and for providing better facilities for the poultry farmers. This institution supplies commercial layer chicks, table eggs, poultry, poultry equipments etc. according to the needs of the public.

Units functioning at Central Hatchery are:

- **Hatchery** – Established to provide to meet the demand for good quality chicks and eggs in the sector. Production Manager in the cadre of Deputy Director is the head of the office complex. The hatchery has a setter capacity of 100000 -egg and Hatcher capacity of 37000 eggs.

- **Poultry Farm for parent stock** – Rearing parent stock for production of commercial chicks, and eggs. Gramapriya, Graamasree, Vanaraja, Athulya are some of the Parent stocks. Australorps males are also maintained here for production of Gramalakshmi chicks by crossing them with Athulya females. About 7.5 lakhs commercial chicks and 8.2 lakhs eggs were produced during the year 2011-12. The female chicks are being supplied to approved egger nurseries and from there to the farmers at the age after 45 days.

- **Feed Compounding Factory** - The feed compounding factory was established at Central hatchery in the year 1963 in order to manufacture 'ready to feed' balanced poultry feed for the Central Hatchery farm as well as for other government poultry farms in the state.

- **Training Institute** - To impart scientific training in livestock and poultry rearing and breeding to farmers, para-veterinary

officers and unemployed youths. Training for livestock inspectors are also conducted here. Short term training programmes in backyard poultry rearing, broiler farming, quail farming, rabbit rearing ,cattle rearing, goat rearing etc. are also conducted here. A demonstration unit for Indian and Exotic breeds of poultry started functioning in the year 2011.

- **Feed Testing Laboratory** - To analyze the feed ingredients and various types of feed manufactured by the departmental institutions and there by to ensure the quality of feed with reference to nutritive value. This laboratory also conducts analysis of proximate principles on any feed samples from the field.

- **Chick Sexing School** - to impart scientific training in chick sexing to selected persons. There is a six months course of Chick sexing and Hatchery management.

- **Mobile Veterinary Hospital** - for the prevention and treatment of diseases among the birds of the hatchery. Moreover, this hospital provides treatment for other livestock and birds of farmers. Artificial Insemination facility for cattle and buffalo is also available here.

- **Quail unit** – started functioning in1984 with an aim to promote quail rearing for egg and meat. Day-old chicks and quails at the age of 22-35 days are supplied for the Department schemes and to the public. At present 2500 parent stock are there.

- **Workshop for poultry equipments** – This unit manufactures various types of poultry equipments such as cages, brooders, feeders, waterers etc.

2. Turkey Farm, Kureepuzha, Kollam

The Turkey Farm at Kureepuzha, Kollam is the only such farm under the department.

It functions as a demonstration and propagation unit and sells poult and eggs for hatching and table purposes.

3. Duck Farm

The one and only duck farm under the department for the conservation and propagation of indigenous breeds. Indigenous breeds like “Chara” and “Chempally” are given due consideration. Exotic duck breeds like Vigova Super and Khaki Campbell are also maintained in this farm. The farm is poised for large-scale development into a centre of excellence in duck farming.

4. Quail Production Units

The three Quail Production Units under the department rear quail parent stock for supplying good quality hatching and table eggs. They also impart scientific training to farmers in quail rearing.

The units under the Department are

- Quail Production Unit at Central Hatchery, Chengannur
- Quail Production Unit at Regional Poultry Farm, Chathamangalam
- Quail Production Unit at District Livestock Farm, Kudappanakunnu

AVAILABILITY OF POULTRY LAYERS, BROILERS, HATCHING EGGS

THIRUVANANTHAPURAM

04712730804

RPF Kudappanakunnu
KSPDC Kudappanakunnu,
Pettah

Day old layer chicks

KOLLAM

Turkey Farm, Kollam
KSPDC Kottiyam

Eggs, chicks.
Turkey poult and eggs.

ALAPPUZHA

Central Hatchery,

Eggs, chicks, ducklings.
Day-old layer chick, hatching and

0479 2452277

Chengannur

table eggs, poultry equipments.
Quails & Quail eggs.

PATHANAMTHITTA

0469 2711898

Duck Farm, Niranam

Ducklings, hatching duck eggs.

KOTTAYAM

Regional Poultry Farm,
Manarcaud

Layer, Day old chicks hatching
and table eggs.

IDUKKI

District Poultry Farm,
Kolani, Thodupuzha

Layer & Quail (for meat purpose)

ERNAKULAM

0484 -2523559

District Poultry Farm,
Koovapady

Day-old layer chicks
and hatching eggs.

PALAKKAD 0491 2815206	Regional Poultry farm, Malampuzha	Day-old layer chicks, table and hatching eggs.
MALAPPURAM 0494 2615103	District Poultry Farm, Athavanad	Layer pullets.
KOZHIKODE	Regional Poultry Farm, Chathamangalam	Layer chicks, table eggs, hatching eggs
KANNUR 0497 2721169	Regional Poultry Farm, Mundayad	Quails, Broiler Chicks and rabbits Day-old layer chicks, hatching and table eggs.

Rabbits

Thiruvananthapuram 0471 2732962	District Livestock Farm, Kudappandakkunnu,.	Breeds available: Angora, White Giant, New Zealand White, Soviet Chinchilla, Grey Giant
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FODDER DEVELOPMENT

Agricultural sections of all farms are engaged in fodder production to meet the requirement of the farms and function as demonstration units for farmers, trainees and entrepreneurs and also retail selling outlets of fodder slips to farmers. The department intends to act as a facilitator to grow fodder in all available land owned by the government/local bodies so as to reduce the production cost of the farm produce. As non-availability of good quality fodder in required quantity is the major constraint in dairy production in the state, fodder production schemes are being given top priority in large and small holdings.

IT DEVELOPMENT

The Department of Animal Husbandry was one among the first Government Departments to have started computerization in the state. The website of the Animal husbandry Department is www.ahd.kerala.gov.in hosted by CDIT in the content management frame work. This website provides more Government to Citizen and Government to Government facilities as per the Kerala State IT policies. Apart from the details of the department, this website also boasts updated version of all orders, circulars, transfer and postings etc in the Department of Animal Husbandry.

The web server of the department has been shifted and hosted at State Data Centre of

Government of Kerala. The department will be linked to the Kerala State Wide Area Net work (KSWAN) connectivity providing free internet facility to the connected offices.

Due to the fast technical advancement in recent years, AHEAD software became obsolete and is unable to cater to all the requirements of the department. the IT Division of the department designed and developed following software systems for monitoring the activities of the department in real time.

1. Farmers Registration software
2. Plan Scheme Monitoring software
3. Artificial Insemination Monitoring software
4. Communication Portal software
5. Disaster Compensation Management software
6. Stock and Stores Management software
7. Training Management software
8. Vehicle Management software
9. Insurance Management software
10. GIS Based Disease Mapping software with IITM-K
11. Vaccination Monitoring software for ADCP

ANIMAL DISEASE CONTROL PROJECT(GOREKSHA)

The State was facing great economic loss due to reduction in milk yield and often death of valuable dairy animals, mainly due to Foot and Mouth Disease . Export of animal products also was restricted as Kerala is endemic for FMD. Under these circumstances Government of Kerala decided to have a disease control project .As such a joint venture was established between NDDB and the Government of Kerala to implement the Animal Disease Control Project- "GORAKSHA", in 2004. A Project Management Committee was constituted with the Agricultural Production Commissioner as its chairman for the periodical review of the Project. State and district level offices function to execute the programmes. Doorstep service for preventive vaccination against FMD to all susceptible Animal population is carried out twice in an year and could control the disease to a great extent.

Animal Disease Control Project is currently implementing the ASCAD (Assistance to State for Control of Animal Diseases) Project of the Government of India, under which vaccinations are conducted against various diseases like Anthrax, Haemorrhagic Septicaemia Ranikhet Disease, Duck Plague, Duck Pasteurella, PPR in goats, Swine Fever for Pigs, Black Quarter, Brucellosis etc throughout the state. RFK-VC is also implemented through this unit. A 24 hour unit, SADEC (State Animal Disease Emergency Control) unit for receiving reports about occurrence of any disease in the state for immediate action is also established.

FARMERS' REGISTRATION

This programme envisages to make a database of all farmers in this sector. The data will be useful for formulating future programmes, to ascertain the assistance required for the farmers and statistical analysis of data for various purposes. As the state is moving to limit the various subsidies through Direct Benefit Transfer, Farmers' registration is going to be essential for the implementation of various state and central schemes. So far about 5 lakhs farmers are registered through the local veterinary institution. Mobile numbers of farmers thus collected shall be used for all types of Information and Communication Technology delivery. Farmers can register their name in the nearest Veterinary Dispensary/Hospital.

SPECIAL LIVESTOCK BREEDING PROGRAMME (SLBP)

SLBP is a beneficiary oriented scheme, implemented by the Department of Animal Husbandry from 1976 onwards, to increase the productivity in dairy sector. From 1997 onwards the "Rearing of Calves" programme is being implemented through local self government institutions in all the 14 districts, with the active participation of Milk producers co-operative societies. Selected beneficiaries will be eligible for a total subsidy of 50% on all items of expenditure.

Basic Outline of the Scheme:-

- Female crossbred calves/Buffalo calves of 4-6 months of age are selected.
- Selected calves will be given feed at 50% subsidised rate for 30 months or till subsidy expires, whichever is earlier.
- Insurance coverage to the calves till 32 months of age at 50% premium rate.
- Beneficiaries will be given training in scientific calf rearing.
- Dewormers, vitamins and mineral mixtures will be supplied.
- Breeding status will be assessed at 15-18 months of age.

Various Schemes Under Rearing of Calves.

- Calf Adoption Programme (CAP): 25% subsidy from grama panchayat, 25% from state fund
- Surabhi Raksha: 50% subsidy from Central
- Govardhini: 50% subsidy from State fund
- RKVY: 50% subsidy from Central fund

Total subsidy amount: 12500/-

AVIAN INFLUENZA (Bird flu) CONTROL STRATEGIES

Avian Influenza or Bird Flu is a highly contagious disease of domestic poultry caused by the Influenza Type A virus. Depending on the virulence of the virus the disease may be Low Pathogenic Avian Influenza (LPAI) causing low mortality only in poultry or Highly Pathogenic Avian Influenza (HPAI) with 100% mortality and capable of infecting humans also. Wild birds and migratory water fowls are the natural reservoirs of the virus. H5 and H7 subtypes of the virus are highly pathogenic. The disease is usually manifested with oedema of head and neck, cyanosis of comb and wattles, nervous symptoms, greenish diarrhoea, corneal opacity, respiratory distress and finally death. The highly pathogenic variant has caused outbreaks in 2014 November in Kuttanad region in ducks and in 2015 February in Turkey at Kollam and again in ducks in 2016 October in Kuttanad.

In the event of an outbreak of HPAI, stringent control and containment measures like culling and disposal of entire birds within 1 km radius of the epicentre either by burning/burial, thorough disinfection and sanitization of the area along with restriction of bird movement within 10 km radius and post operation surveillance in affected areas are essential. Fresh stock can be introduced in the area only after 3 months of rigorous and periodical post operation surveillance. Since HPAI V is capable of mutation which may lead to a pandemic in human being, constant routine surveillance in domestic and migratory birds is carried out by Animal Husbandry Department in collaboration with Forest Department during migratory season- September to March.

CALVING INDEX FOR COWS

Date of Service											
1	1	1	1	1	1	1	1	1	1	1	1
Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Date of delivery						
7	7	5	5	4	4	6	7	7	7	7	6
Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.

Note: The number of days added to both dates will give the expected delivery date. eg. Date of service if 10th Jan. expected delivery date would be 17th of October.

FEEDING, VACCINATION AND DEWORMING SCHEDULE

FEEDING SCHEDULE OF ANIMALS

I. COWS

(i) Milking cows : (Approximate body weight - 250 kg.)

	When grass is available in plenty When pady straw is the major		roughage		
	Concentrate Mixture (kg.)	Green grass (kg.)	Concentrate Mixture (kg.)	Green grass (kg.)	Straw (kg.)
Dry Cows Milking Animals	1-1.5kg for every 2.5 to 3 kg. Milk	25-30 30	1.25 1.25 + 1kg for every 2.5 to 3 kg. of Milk	5.0 5.0	5-6 5-6
Pregnant animals	Production allowance 1 kg to 1.5kg from 6th month of pregnancy	25-30	Maintenance(5.0kg)+ Production allo-wance1kg to1.5kg. from 6th month of pregnancy	5.0	5-6

For every additional 50 Kg. body weight 250 g of concentrate mixture and 0.5 to 1 kg straw may be fed extra, or 3 to 5 kg green grass (green fodder) should be offered 3 to 4 times a day.

(ii) CALVES (upto 6 months)

	Body weight (kg)	Qty. of milk (kg)	Qty. of calf starter (g)	Green grass (kg)
4 days to 4 weeks	25	2.5	Small qty.	Small qty.
4-6 weeks	30	3.0	50 to 100	-do-
6-8 weeks	35	2.5	100 to 250	-do-
8-10 weeks	40	2.0	250 to 350	-do-
10-12 weeks	45	1.5	350 to 500	1.00
12-16 weeks	55		500 to 750	1-2
16-20 weeks	65		750 to 1000	2-3
20-24 weeks	75		1000 to 1250	3-5

Calf starter is a concentrate mixture containing all nutrients in proper proportions, used as substitute for whole milk in calf ration.

The quantities of feed shown above have been calculated for animals gaining weight on an average of 300-400 g per day.

(iii) FOR GROWING ANIMALS (from 6 months onwards)

Age (Months)	Appro. body weight (kg)	Concentrate mixture (kg)	Grass (kg)
6 to 9 months	70 to 100	1.25 - 1.75	5 - 10
9 to 15 months	100 to 150	1.75 - 2.25	10 - 15
15 to 20 months	150 to 200	2.25 to 2.50	15 - 20
above 20 months	200 to 300	2.50 - 2.75	15 - 20

II. BUFFALOES

General principles of feeding buffaloes are almost similar to those recommended for dairy cattle. Buffaloes have the capacity to consume more roughage which they can digest better than dairy cattle. The fat percentage of buffalo milk is higher and hence buffaloes must be given more feed per unit of milk production. Milking animals must be given production allowance of one kg concentrate mixture (0.14 to 0.16 kg DCP and 0.7 kg TDN) for every 2 kg of milk produced over and above the maintenance allowances.

III. GOATS

(i) Growing Animals (from 6 months onwards)

Category of goat	Approximate body weight (kg)	Quantity to be fed per day	
		Concentrate (g)	Green fodder (kg)
Growing (6-12 months)	15-20	300-400	1-2
Adult goats	25-30	200-300	2-3
Breeding bucks	30-40	400-500	3-5

(ii) kids of different age

Age of the kid	Approximate body weight (kg)	Quantity of milk to be given (g)	Quantity of kid starter to be given (g)	Quantity of green fodder to be given (g)
Birth to 4 days	1.5-2.0	Colostrum	-	-
5-30 days	2-3	300-500	Small quantity	Small Qty.
30-60 days	3.0-5.0	400-500	50-100	Small Qty.
60-90 days	5.0-7.5	350-400	100-150	250-500
90-120 days	7.5-10.0	-	200-250	500-750
5th & 6th months	10.0-15.0	-	250-300	750-1000

IV. DOGS

Pups are weaned from the dam at 6-8 weeks of age. After weaning, a combination of cow's milk (250 ml), egg yolk (one) and glucose (half teaspoon) fed at regular intervals would be a good substitute for the dam's milk. Goat's milk is good for pups.

For two to three days after weaning, the pups will be crying, may be because of the separation from its dam. This crying should not be misunderstood for hunger and fed with milk and biscuits as often done resulting in indigestion.

Feeding schedule

1-2 months	-	6 times
2-3 months	-	5 times
3-4 months	-	4 times
4-5 months	-	3 times
5-7 months	-	2 times

V. CATS

Cats are carnivorous in nature. Feed should be rich in protein of animal or fish origin. Either raw or cooked meat can be fed. Sometimes there may be digestive trouble. Also provide vegetables, green grass etc. to avoid digestive trouble. Green

grass helps to expel fur balls from the stomach. Grass will be having vitamins and minerals especially trace minerals and so grass feeding is advantageous. Cat should be given plenty of drinking water.

Feeding frequency :

2-3 months-	4 meals/day
3-5 months-	3 meals/day
6-8 months-	2 meals/day
Adult -	2 meals/day

Feeding Schedule of Poultry

Age in Weeks	Feed qty. (gm/ day)
1	8-10
2	15-18
3	22-23
4	30-35
5	38-41
6	45-50
7	50-53
8	53-55
9	58-61
10	65-69
11	69-72
12	72-75
13	75-80
14	78-80
15	80-82
16	82-85
17	85-90
18	90-95
19	95-100
20	100-105
21	105-110
22	110-115
Above 22	115-130

Feeding Schedule of Ducks- Vigova

Age in Weeks	Feed	gm/duck/day
1	Duckling	20
2	"	40
3	"	60
4	"	105
5	"	130
6	"	150
7	"	185
8	"	189
9-20	Grower	200 gm/day
21 and above	Layer	210-240 gm/day

VI. BROILER RATION

Ingredient	Percentage inclusion	
	Starter (0-5 weeks)	Finisher (6-7 weeks)
Yellow Maize	47	54.5
Rice polish	8	10
Soyabean meal	17.5	14
Groundnut cake (expeller)	15	11
Unsalted dried fish	10	8

Mineral mixture	2.0	2.0
Salt	0.5	0.5
	100.00	100.00
For 100 kg of feed add:		
Vitamin A	6,00,000 IU	6,00,000 IU
Vitamin B2	600 mg	600 mg
Vitamin D3	60,000 ICU	60,000 ICU
Cocciostat	50 g	50 g
Lysine	50 g	50 g

Alternatively commercial broiler starter and finisher rations prepared by reputed feed manufacturers can be given.

VII. DUCK LAYER RATION

Sl.No.	Ingredients	Per cent
1	Yellow maize	42
2	Rice polish	20
3	Gingelly oil cake	7
4	Soyabean meal	14
5	Dried fish	10
6	Oyster shell	5
7	Mineral Mixture	1.75
8	Salt	0.25
		100.00

For every 100kg add vitamin mixture (Vit.A 600,000 IU, Vit.B2600mg and Vit.D3 60,000 ICU and nicotinic acid 5g.)

VIII. RABBITS

Item	Approximate body weight	Quantity to be fed per day	
		Concentrates	Green grass
Bucks	4-5 kg	150 g	600 g
Does	4-5 kg	150 g	600 g
Lactating does	-	200 g	700 g
Weaner (6 weeks)	600-700 g	50 g	200 g

VACCINATION SCHEDULE FOR ANIMALS

I. LIVESTOCK

Disease	Type of Vaccine	Dose and Route	Remarks
Anthrax	Anthrax Spore Vaccine I.A.H & V.B., Palode	Cattle 2 ml S/C, Sheep & Goat 1 ml S/C	Annual revaccination in endemic areas
Black Quarter	BQ Vaccine, I.A.H & V. B., Palode	Cattle 5-10 ml S/C, Sheep & Goat 2-3 ml S/C	Annual revaccination in endemic areas
Haemorrhagic septicaemia	HS Broth Vaccine, I.A.H & V.B., Palode HS Oil adjuvant Vaccine, IAH & VB, Palode	Cattle 5-10 ml S/C 2 ml I/M for animals upto 140 kg body wt., 3 ml for animals above 140 kg body wt.	Immunity is only for 2-3 months Immunity for 1 year, annual revaccination in endemic areas.

Foot and Mouth Disease		Young Animals Primary dose Booster dose Annual Vaccination Adult animals First dose	Schedule Between 3&4 months. After 3 months of primary dose 0 days followed by twice in a year
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II. DOGS

Disease	Primary vaccination	Booster	Repeat
Canine Parvo viral infection	6 week	11 week	Annual
Canine Distemper	8 week	11 week	Annual
Infectious Canine Hepatitis	8 week	11 week	Annual
Canine Leptospirosis	8 week	11 week	Annual
Rabies	3 months	One year	Annual
Canine Corona viral infection	9 week	---	Annual

Rabies Control Programmes

Rabies eradication is taken up as one of the activities of the Animal Husbandry Department from the very early stage. Recently considering the huge menace of the disease in view of its economic and public health importance, the department has intensified the Rabies Eradication Programmes by setting up a special cell in the Directorate. Various programmes are arranged to enlighten the public on the importance of the control of rabies. Vaccination camps are arranged throughout the state seeking assistance of local bodies and the non-governmental agencies like Rotary Club, Lions Club etc.

Animal Birth Control Programme (ABC)

ABC programme is aimed at controlling stray dog populations and for protection against Rabies. It is carried out by the local self governments with the help and involvement of animal husbandary department and NGOs'.

POULTRY- LAYER

	Age	Disease	Vaccine	Route
1.	1 day	Marek's	HVT vaccine	I/M
2.	5-7 days	RD	Lasota/F	Occulonasal
3.	10-14 days	IBD	IBD Live	Drinking water
4.	24-28 days	IBD	IBD Live	Drinking water
5.	8th week	RD	R2B/RDVK	S/C
6.	16-18 week	RD	Killed/Live	S/C

- i. It is advisable to administer Fowl pox vaccine at 6 weeks of age in endemic areas.
- ii. EDS vaccine is advised at 16-18 weeks of age

Source of Vaccine

1. Institute of Animal Health and Veterinary Biologicals, Palode, Thiruvananthapuram.
2. I.V.P.M, Ranipet, Tamil Nadu.
3. I.V.R.I Izatnagar, Bareilly, U.P.

Poultry vaccines are also manufactured by private sector companies.

Give anti-stress medicaments to combat vaccination stress in consultation with a veterinarian.

DEWORMING SCHEDULE

I. BIRDS

Birds should be dewormed starting from one week prior to R2B/RDVK vaccination and repeated at 3 week intervals so as to give a total of 4 dewormings before housing at 18 weeks of age. Piperazine compounds, Albendazole, Mebendazole etc. can be used against round worms. Niclosamide, Praziquintel, Albendazole can be used against tape worms.

II. CATTLE

First dose is given at 2-4 weeks with Piperazine @ 150 mg/kg bwt. Repeat at 6th week. From 10 weeks upto 6 months

of age, any broad spectrum antihelminthic can be used at monthly intervals. After 6 months of age, on examination of the dung sample, the animal shall be dewormed according to necessity.

- Note:
1. If the animals are suffering from cestodes/trematodes drugs concerned have to be given after proper diagnosis.
 2. During pregnancy, dosing with any broad spectrum anthelmintic helps in reducing parasitic infestation in young calves as well as increasing the milk production in that lactation.

Nutritive value of different types of meat

Species	Water %	Protein %	Fat %	Ash %	Cal/100 g	Cholesterol mg/100g
Beef	66.6	20.2	12.3	0.8	197	60-80
Pork	56.5	15.9	26.6	1.2	308	60-80
Mutton	64.8	17.8	16.2	1.2	222	60-80
Chicken	67.7	20.0	6-15	0.9	202	60-80
Rabbit	72.9	20.8	1-2	0.9	199	50

Incubation period, age at maturity and average egg production in birds

Type of bird	Incubation period (days)	Age at maturity (months)	No. of Eggs (Annually)
Fowl	21	6	150-200
Duck	28	7	200-300
Turkey	28	10-11	25-70
Guinea fowl	28	9	50
Goose	30	10-11	24-50
Pea Fowl	18	12	15
Pigeon	18	9	2 in a brood (2-3 broods annually)

GOSAMRUDHI-NLM PLUS 2020-21 CATTLE INSURANCE SCHEME

Department of Animal Husbandry is implementing livestock insurance schemes from 2016 onwards. The scheme envisages protection of farmers against any eventual loss of their animals due to death or permanent total disability leading to loss of production or infertility through insurance coverage. It also offers a Personal Accident Coverage option to the farmers to the tune of 5 lakh Rupees. This is one of the prestigious schemes of Animal Husbandry Department which is incorporated on Chief Minister's portal. This insurance scheme is unique with its lowest premium rates for 1 year and 3 year coverages, and transparent online implementation.

Salient features of the scheme

- The lowest premium rate available in the State.
- Provide insurance cover against death and permanent total disability (PTD) of cattle
- Provide Personal Accident Cover (PAC) to livestock farmers.
- Provide insurance cover for 1 or 3 year period.
- Milch cows / buffaloes between 2 to 8 years of age and heifers/buffalo heifers above seven months of pregnancy can also be insured under this scheme.
- The premium rate is 1.95 % and 4.85 % of the animal's cost for 1 and 3 years insurance cover respectively.
- Premium subsidy is given for maximum insured value of Rs.65,000/-.
- The premium for excess coverage value above Rs. 65,000/- up to Rs. 1 lakh will be 4.1 % for 1 year and 12.3 % for 3 years which has to be borne by the beneficiary.
- Government subsidy for premium amount is 50% for general category and 70% for SC / ST category of farmers.
- Veterinary Officers of the Animal Husbandry Department shall register farmers and generate 'farmer ID' through 'Bhumika App' developed by the Department. After ascertaining the health status of the animals, the Veterinary Officer shall eartag the

animal either with 12 digit polyurethane ear tag or RFID tag.

- In case of loss of ear tag, the concerned Veterinary Officer shall retag the animal and the information shall be communicated to the insurance company.
- The farmer can easily transfer their premium share through digital online platform 'SB Collect' by various modes of remittance viz. Debit cards/ Credit card / Online transfer / Direct remittance etc.
- In case of cattle death claims, the post-mortem certificate and the claim form duly filled by the Veterinary Officer of AHD shall be submitted to the insurance company within a period of 2 weeks.
- In case of PAC claims, insurance cover up to Rs.5 lakh is admissible for complete / partial disability or for death due to accident.
- The claim amount will be transfer credited to the bank account of the farmer.
- The scheme is being implemented through all Government Veterinary Hospitals of the State.
- The scheme has the twin objective of providing insurance cover to the livestock farmers and their cattle.

LIVESTOCK CENSUS KERALA 2019

Total Livestock (In thousands)

Category		Poultry	27165606
Cattle	2019	Ducks	1776503
Exotic/Crossbred		Turkey and other Poultry	829796
Male	110078	Total Poultry	29771905
Female	1149226	Sheep	
	1259304	Exotic/Crossbred	
Indigenous		Male	179
Male	3130	Female	318
Female	16502		497
	19632	Indigenous	
Non-Descript Cattle		Male	277
Male	10010	Female	708
Female	53050		985
	63060	Total Sheep	1482
Total Cattle	1341996	Goat	
Non-Descript Buffalo		Male	253904
Male	57416	Female	1105257
Female	10877	Total Goat	1359161
	68293	Horses&Ponies	
Indigenous Buffalo		Male	322
Male	26477	Female	238
Female	6734	Total Horses&Ponies	560
	33211	Donkey	
Total Buffalo	101504	Male	51
Bovine		Female	14
Male	207111	Total Donkey	65
Female	1236389	Camel	
Total Bovine	1443500	Male	14
Dog		Female	12
Male	624046	Total Camel	26
Female	212229	Pig	
Total Dog	836275	Exotic/Crossbred	
Rabbits		Male	37665
Male	29734	Female	66198
Female	62959	Total Pig	103863
Total Rabbit	92693		

ക്ഷീര വികസന വകുപ്പ്

1. മുഖവുര

ഇന്ത്യയുടെ സാമ്പത്തിക സാമൂഹിക മേഖലകളിൽ ക്ഷീരവികസനം നിർണ്ണായകമായ സ്വാധീനം നടത്തുന്നുണ്ട്. ഗ്രാമീണ മേഖലയിലെ തൊഴിലും വരുമാനവും കണ്ടെത്തുന്നതിൽ ക്ഷീരമേഖല നിസ്തർക്കമായ സംഭാവന നൽകി വരുന്നു. കർഷക തൊഴിലാളികൾ, ചെറുകിട പരിമിത കർഷകർ, ദുർബല വിഭാഗങ്ങൾ, വനിതകൾ തുടങ്ങിയവരാണ് പ്രധാനമായും ക്ഷീരമേഖലയെ ജീവസന്ധാരണത്തിനായി ഉപയോഗപ്പെടുത്തുന്നത്. മുൻ വർഷങ്ങളിൽ തുടർച്ചയായി ക്ഷീരോൽപാദനത്തിൽ 4% വാർഷിക വർദ്ധന രേഖപ്പെടുത്തിവരുന്നു. ചെറുകിട കർഷകരുടെ 16% വരുമാനവും ക്ഷീരമേഖലയിൽ നിന്നാണ് ലഭ്യമാവുന്നത്. ദേശീയതലത്തിൽ ജനസംഖ്യയുടെ 8.8 ശതമാനം തൊഴിൽ ക്ഷീരമേഖലയിൽ നിന്നാണ്. കാർഷിക മേഖലയിലെ മൊത്തം ആഭ്യന്തര ഉല്പാദനത്തിന്റെ 25.6% ക്ഷീരവികസന - മൃഗസംരക്ഷണ മേഖലയിൽ നിന്നാണ്.

കേരളത്തിൽ മൃഗസംരക്ഷണ - ക്ഷീരവികസന മേഖല ഗ്രാമീണ സമ്പത്ത് ഘടനയിൽ അതിലേറെ വളർച്ച കൈവരിച്ചുകൊണ്ടിരിക്കുന്നു. ഈ മേഖലയുടെ മൊത്തം സംസ്ഥാന മൂല്യം ചേർക്കപ്പെടുന്നത് (ജി. എസ്. വി. എ) കാർഷിക മേഖലയുടെ 27.1% എന്നത് ദേശീയ ശരാശരിയേക്കാൾ അൽപ്പം ഉയർന്ന നിരക്കാണ്. 2019 ലെ കണക്കെടുപ്പ് പ്രകാരം സംസ്ഥാനത്ത് കന്നുകാലി സമ്പത്ത് 13.42 ലക്ഷം ആണ്. 2018 - 2019 ലെ സംസ്ഥാനത്തെ മൊത്തം പാൽ ഉൽപാദനം 25.49 ലക്ഷം ലിറ്ററാണ്. ഇതിൽ 6.8 ലക്ഷം ലിറ്റർ 26.68% സഹകരണ മേഖലയിൽ കൈകാര്യം ചെയ്യുന്നു. കേരളത്തിൽ ഏകദേശം 14% കുടുംബങ്ങളും ക്ഷീരവികസന മൃഗസംരക്ഷണ മേഖലയിലൂടെ പ്രധാന വരുമാനമോ ഉപവരുമാനമോ കണ്ടെത്തുന്നവരാണ്. പശുവളർത്തലിൽ ഏർപ്പെട്ടിട്ടുള്ള 55% കുടുംബങ്ങളും 2 - 3 പശുക്കളെയും 32% കുടുംബങ്ങളും ഒരു പശുവിനെ വളർത്തുന്നവരും ആണ്. 2019 - 20 ലെ കണക്കുകൾ പ്രകാരം സഹകരണ ക്ഷീര മേഖലയുടെ കടകിഴിൽ 3.79 ലക്ഷം പേർ അണി നിരന്നിട്ടുള്ളതിൽ 1.36 ലക്ഷം (36%) പേർ വനിതകളാണ്. പ്രതിവർഷം 9682 കോടി രൂപ ഗ്രാമീണ സമ്പത്ത് ഘടനയിൽ പ്രദാനം ചെയ്യുമ്പോൾ സഹകരണ മേഖലയുടെ സംഭാവന 2512 കോടി രൂപയാണ്. മേൽപറഞ്ഞ വിറ്റുവരവിന്റെ 82% വും ഉൽപാദകർക്ക് കൈമാറപ്പെടുന്നുവെന്നുള്ളതും വിപണിയിൽ സഹകരണമേഖലയുടെ ശക്തമായ സാന്നിദ്ധ്യവും ക്ഷീരമേഖലയുടെ മാത്രം പ്രത്യേകതയാണ്.

2. കാഴ്ചപ്പാട്

സമഗ്രവും സുസ്ഥിരവുമായ ക്ഷീരവികസന പ്രവർത്തനങ്ങളിലൂടെ ക്ഷീരകർഷകരുടെ ക്ഷേമം ഉറപ്പുവരുത്തുകയും, ഉപഭോക്താക്കൾക്ക് മറ്റ് സ്റ്റോക്ക് ഹോൾഡർമാർക്കും ഭാഗ്യമായ ഭാവി വാദനം നൽകുക.

3. ദൃശ്യം

ശ്രേയസ്കരമായ ക്ഷീരമേഖലയ്ക്ക് വേണ്ടി ഏവരെയും സഹകരണ മേഖലയുടെ കടക്കിഴിൽ അണിനിരത്തുക. മെച്ചപ്പെട്ട ആരോഗ്യത്തിനായി ഗുണനിലവാരവും പുതുമയും നവീനത്വവുമുള്ള നല്ല വിപണന സമ്പ്രദായത്തിലൂടെ വിജയകരമായ കാർഷിക സാമൂഹത്തിനായി നൈപുണ്യമേറിയ സാങ്കേതിക വിദ്യയിലൂടെയും സുസ്ഥിരമായ സമ്പ്രദായവും ഒരുക്കുക.

സാങ്കേതികവും സാമ്പത്തികവുമായ മാർഗ്ഗങ്ങളിലൂടെ പാലുല്പാദനത്തിൽ സ്വയം പര്യാപ്ത കൈവരിക്കുകയെന്ന ലക്ഷ്യം മുൻനിർത്തിയാണ് വകുപ്പിന്റെ പ്രവർത്തനങ്ങൾ ചിട്ടപ്പെടുത്തിയിട്ടുള്ളത്. ക്ഷീരോല്പാദന ചെലവ് കുറച്ചുകൊണ്ട് പാലുല്പാദനം പരമാവധി ലാഭകരമാക്കുന്നതിനുള്ള പരിപാടികളാണ് വകുപ്പ് മുഖ്യമായും ഏറ്റെടുത്തിട്ടുള്ളത്. സുരക്ഷിതവും നൈർമ്മല്യമുള്ളതും മാധ്യം കലരാത്തതുമായ പാൽ ഉല്പാദിപ്പിക്കുകയും ഗുണനിലവാര ശോഷണ മില്ലാതെ സംഭരിക്കുകയും സംസ്കരിക്കുകയും മൂല്യവർദ്ധന നടത്തുകയും ചെയ്യുകൊണ്ട് പരമാവധി ഇടത്തട്ടു ലാഭമില്ലാതെ ഉപഭോക്താക്കളിലെത്തിക്കുക, സഹകരണ മേഖലയെ പരിപോഷിപ്പിക്കുകയും ഭരണനിയന്ത്രണം ഏർപ്പെടുത്തുകയും ചെയ്യുക തുടങ്ങിയവയാണ് വകുപ്പ് ഏറ്റെടുത്തിട്ടുള്ള മറ്റ് പ്രധാന പ്രവർത്തനങ്ങൾ.

മേൽപ്രവർത്തനങ്ങൾ നിർമ്മിക്കുന്നതിനായി സംസ്ഥാനതല ഡയറക്ടറേറ്റ്, 14 ജില്ലാ ഓഫീസുകൾ, 14 ഗുണനിയന്ത്രണ യൂണിറ്റുകൾ, 5 ക്ഷീരപരിശീലന കേന്ദ്രങ്ങൾ, ഒരു എൻ.എ.ബി.എൽ അംഗീകാരമുള്ള സ്റ്റേറ്റ് ഡയറി ലാബ്, 3 മേഖല ലാബുകൾ (കോട്ടയം, ആലത്തൂർ, കാസർഗോഡ്), സംസ്ഥാന ഹോഡർ ഫാം കം പരിശീലന കേന്ദ്രം (വലിയതുര, തിരുവനന്തപുരം) 14 ജില്ലാ ഗുണനിയന്ത്രണ മൊബൈൽ ലബോറട്ടറികൾ, 24 മണിക്കൂറോ പ്രവർത്തിക്കുന്ന 2 അതിർത്തി ചെക്ക് പോസ്റ്റുകളും മീനക്ഷിപുരം, ആര്യൻകാവ് 162 ബ്ലോക്ക്തല ക്ഷീരവികസന യൂണിറ്റുകൾ എന്നിവ പ്രവർത്തിച്ചുവരുന്നു. ഇതോടൊപ്പം സംസ്ഥാനത്തുടനീളം

വകുപ്പിന്റെ കീഴിൽ പ്രവർത്തിച്ചു വരുന്ന 3673 ക്ഷീരസംഘങ്ങൾ വകുപ്പിന്റെ വികസന പ്രവർത്തനങ്ങളിൽ സഹായിക്കുന്നു.

4. വനിത സർവ്വേ

ദേശീയതലത്തിൽ ഇദംപ്രഥമായ പാൽ ഉൽപ്പാദനത്തിൽ ഏർപ്പെട്ടിട്ടുള്ള വനിതകളുടെ സാമൂഹ്യ-സാമ്പത്തിക അവസ്ഥ സംബന്ധിച്ച് വിശദമായ പഠനം നടത്തി. വനിത യുവകർഷകരുടെ സാന്നിധ്യം ഉറപ്പുവരുത്തുന്നതിനായി ഇവർക്ക് പ്രത്യേകമായി സംയോജിത പശുവളർത്തൽ സംബന്ധിച്ച് പദ്ധതി ആവിഷ്കരിക്കേണ്ടതും പരമാവധി യന്ത്രവൽക്കരണം സാധ്യമാക്കേണ്ടതുമാണ്. പശു വളർത്തൽ സാങ്കേതിക തൊഴിലായി പരിഗണിച്ച് വനിത കർഷകരുടെ സാമൂഹിക പദവി മെച്ചപ്പെടുത്തുന്നതിനുള്ള അനുബന്ധപ്രവർത്തനങ്ങളും ഏറ്റെടുക്കാവുന്നതാണ്. വാർഡ് തലം മുതൽ സംസ്ഥാനതലം വരെ മികച്ച വനിത ക്ഷീരകർഷകരെ ആദരിക്കാവുന്ന താണ്. വിദ്യാഭ്യാസ സ്ഥാപനങ്ങൾ മുഖേന പശു വളർത്തൽ പ്രോത്സാഹിപ്പിക്കുന്നതിനുള്ള പ്രവർത്തനങ്ങൾ ഏറ്റെടുക്കാവുന്നതാണ്. പ്രസ്തുത വിഭാഗങ്ങൾക്ക് സൗജന്യമായി സമഗ്ര ഇൻഷുറൻസ് പദ്ധതിയിൽ അംഗങ്ങളാക്കാവുന്നതാണ്. കൂടുതൽ വനിതകൾക്ക് വേണ്ടി വാണിജ്യടിസ്ഥാനത്തിലുള്ള യന്ത്രവൽകൃത ചെറുകിട ഡയറി ഫാമുകൾ സ്ഥാപിക്കുന്നതിന് പ്രത്യേക പ്രോത്സാഹനം നൽകാവുന്നതാണ്. ലഭ്യമായ വ്യവസ്ഥയിന്മേൽ വനിത സംരംഭകർക്ക് ക്ഷീരമേഖലയിൽ പലിശ രഹിത വായ്പ അനുവദിക്കാവുന്നതാണ്.

പ്രകൃതി ക്ഷോഭങ്ങളുടെയും കോവിഡ് മഹാമാരിയുടെയും പശ്ചാത്തലത്തിൽ സംസ്ഥാനത്തെ കാർഷിക മേഖലയുടെ മൊത്തം ആഭ്യന്തര ഉല്പാദനത്തിൽ കുറവ് രേഖപ്പെടുത്തിയ സന്ദർഭത്തിലും പാൽ സാരക്ഷണത്തിൽ നേരിയ വർദ്ധനവ് രേഖപ്പെടുത്തിയിട്ടുണ്ട്. ഇത് ക്ഷീരമേഖലയിൽ സംരംഭകരുടെ ആത്മവിശ്വാസം ഏറെ വർദ്ധിക്കുവാൻ ഇടയായിട്ടുണ്ട്.

5. പ്രധാനനേട്ടകൾ

ക്ഷീര സഹകരണ മേഖലയിലെ പാൽസംഭരണം പ്രതിദിനം ശരാശരി 2.5 ലക്ഷം ലിറ്റർ വർദ്ധിപ്പിച്ചു. കേരളം സ്വയം പര്യാപ്തതയിലേക്ക്. മീനാക്ഷിപുരം (പാലക്കാട്) ആര്യൻകാവ് (കൊല്ലം) എന്നിവിടങ്ങളിൽ 24 മണിക്കൂറും പ്രവർത്തിക്കുന്ന അതിർത്തി ചെക്ക് പോസ്റ്റുകൾ ആരംഭിച്ചു. കോട്ടയം, കാസർഗോഡ് എന്നിവിടങ്ങളിൽ മേഖലാ ഗുണനിയന്ത്രണ ലബോറട്ടറികൾ ആരംഭിച്ചു.

സമഗ്ര ഇൻഷുറൻസ് പദ്ധതിയിൽ (ക്ഷീര സാന്ത്വനം) ഉൾപ്പെടുത്തി 18,000/- ക്ഷീരകർഷക കുടുംബങ്ങൾക്ക് ഇൻഷുറൻസ് പരിരക്ഷ നൽകി.

- സംസ്ഥാനത്ത് 4 കിടാരി പാർക്കുകൾ ആരംഭിച്ചു.
- വർഗ്ഗ ഗുണങ്ങളുള്ള 24,799 കുറവമാടുകളെയും 8422 കിടാരികളെയും അന്യസംസ്ഥാനത്തുനിന്നും കൊണ്ട് വന്ന് കാലി സമ്പത്ത് സമ്പത്ത് സന്തുഷ്ടമാക്കി.
- 162.97 കോടി രൂപയുടെ ധനസഹായം ക്ഷീരവികസന വകുപ്പിന്റെയും തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങളുടെയും പ്ലാൻ ഫണ്ടിൽ ഉൾപ്പെടുത്തി കർഷകരുടെ അക്കൗണ്ടിലേക്ക് നേരിട്ട് വിതരണം ചെയ്തു.
- 32248 ക്ഷീരകർഷകർക്ക് കിസാൻ ക്രഡിറ്റ് കാർഡിലൂടെ 198.9 കോടി രൂപ കുറഞ്ഞ പലിശക്ക് വായ്പയായി അനുവദിച്ചു.
- മഹാത്മാ ഗാന്ധി ദേശീയ തൊഴിലുറപ്പ് പദ്ധതിയിലൂടെ 40,000 കാലിതൊഴുത്തുകൾ നിർമ്മിച്ചു.

വികസന പദ്ധതികൾ

(ക്ഷീരവികസന വകുപ്പ്, തദ്ദേശ സ്വയംഭരണം-മാർഗ്ഗ നിർദ്ദേശങ്ങൾ)

ക്ഷീരവികസന വകുപ്പ് പദ്ധതികൾ

ക്രമ നമ്പർ	പദ്ധതിയുടെ പേര്	രജിസ്ട്രേഷൻ ഫീസ്	ലഭിക്കുന്ന ധനസഹായം
1	മിർക്ക് ഷെഡ് വികസന പദ്ധതി		
1.	ഗോധനം (സങ്കര ഇനം)	170	35000
2.	ഗോധനം (തനത് ഇനം)	170	36500

3.	2 പശു യൂണിറ്റ്	200	69000
4.	5 പശു യൂണിറ്റ്	250	184000
5.	10 പശു യൂണിറ്റ്	500	383000
6.	സമ്മിശ്ര ഡയറി യൂണിറ്റ് (1 പശു + 1 കിടാരി)	200	53000
7.	സമ്മിശ്ര ഡയറി യൂണിറ്റ് (3 പശു + 2 കിടാരി)	250	150000
8.	സമ്മിശ്ര ഡയറി യൂണിറ്റ് (6 പശു + 4 കിടാരി)	400	292000
9.	കാലിത്തൊഴുത്ത് നിർമ്മാണം	200	50000
10.	കറവ യന്ത്രം	170	25000
11.	അവശ്യാധിഷ്ഠിത ധനസഹായം	170	ആകെ ചെലവഴിക്കുന്ന തുകയുടെ 50% സബ്സിഡി പരമാവധി 50000/- രൂപ
12.	എലിവേറ്റഡ് ക്യാറ്റിൽ ഷെഡ്		110 ലക്ഷം
II തീറ്റപ്പുൽകൃഷി വ്യാപനം			
1.	20 സെന്റിൽ കൂടുതൽ തീറ്റപ്പുൽ കൃഷി	സെന്റിന് 11/- രൂപ നിരക്കിൽ	21500/- രൂപ/ഹെക്ടർ (സെന്റിന് 50/- രൂപ)
2.	വ്യാവസായികാടിസ്ഥാനത്തിൽ തരിശുഭൂമിയിൽ തീറ്റപ്പുൽ കൃഷി	180	93007 രൂപ/ഹെക്ടർ
3.	ചോളം/വൻപയർ/മണിച്ചോളം കൃഷി		വിത്ത് സൗജന്യമായി നൽകുന്നു.
4.	ചാഫ് കട്ടർ (പുൽവെട്ട് യന്ത്രം)	170	10000
5.	തീറ്റപ്പുൽകൃഷിത്തോട്ടത്തിന് ജലസേചന സൗകര്യം	170	10000
6.	തീറ്റപ്പുൽകൃഷിത്തോട്ടത്തിന് യന്ത്രവൽക്കരണം	170	10000
7.	ഒരേക്കർ തീറ്റപ്പുൽകൃഷിത്തോട്ടത്തിന് ജലസേചന സൗകര്യം	170	25000
8.	തീറ്റപ്പുൽ കൃഷിയും വിതരണവും (SHG/DCS വനിതാ ഗ്രൂപ്പ്)	170	75000
III ക്ഷീര സഹകരണ സംഘങ്ങൾക്കുള്ള ധനസഹായ പദ്ധതി			
1.	FSSAI 2006 നടപ്പിലാക്കുന്നതിനുള്ള ധനസഹായ പദ്ധതി	170	45000
2.	പുതുതായി ക്ഷീരസംഘങ്ങൾ ആരംഭിക്കുന്നതിനുള്ള ധനസഹായം	170	61500
3.	പ്രവർത്തന രഹിതമായ ക്ഷീര സംഘങ്ങളുടെ പുനരുദ്ധാരണ പദ്ധതി	170	61500
4.	ക്ഷീര സംഘങ്ങൾക്കുള്ള അവശ്യാധിഷ്ഠിത ധനസഹായ പദ്ധതി	170	120000
5.	ഫാർമർ ഫെസിലിറ്റേഷൻ കോ ഇൻഫർമേഷൻ സെന്റർ	750	525000
6.	മിൽക്ക് റൂട്ട് ഇല്ലാത്ത ക്ഷീര സംഘങ്ങൾക്കുള്ള ധനസഹായം		35000
7.	ക്ഷീരസംഘങ്ങൾക്ക് മാനേജിരിയൽ ധനസഹായ പദ്ധതി	170	35000
8.	ക്ഷീര സംഘങ്ങൾ മുഖേന പച്ചപ്പുൽ/വൈക്കോൽ വിതരണം	170	100000
9.	മികച്ച ആപ്കോസ്/പരമ്പരാഗത ക്ഷീരസംഘങ്ങൾക്ക് അവാർഡ്		100000
10.	ഹൈജീനിക് മിൽക്ക് കളക്ഷൻ റൂം സ്ഥാപിക്കുന്നതിനുള്ള ധനസഹായം	500	375000
11.	ഓട്ടോമാറ്റിക് മിൽക്ക് കളക്ഷൻ യൂണിറ്റ് സ്ഥാപിക്കുന്നതിനുള്ള പദ്ധതി.	170	110000

12.	ക്ഷീര സംഘങ്ങളിൽ മലിനീകരണ നിയന്ത്രണ പരിപാടി/പാരമ്പര്യേതര ഊർജ്ജ സംസ്കരണ പരിപാടി/മഴവെള്ള സംഭരണി സ്ഥാപിക്കുന്നതിനുള്ള ധനസഹായ പദ്ധതി.	350	ചെലവഴിക്കുന്ന തുകയുടെ 75% ധനസഹായം പരമാവധി 4 ലക്ഷം രൂപ
13.	ക്ഷീരസംഘങ്ങൾക്ക് സ്ഥലം വാങ്ങുന്നതിനുള്ള ധനസഹായം	350	ചെലവഴിക്കുന്ന തുകയുടെ 75% ധനസഹായം പരമാവധി 3 ലക്ഷം രൂപ
IV	ഗ്രാമീണ വീജ്ഞാന വ്യാപന പ്രവർത്തനങ്ങൾ		
1.	കണ്ടിജൻസി ഫണ്ട്		15000
2.	ക്ഷീര സഹകാരി അവാർഡ് (സംസ്ഥാന തലം)		100000
3.	മേഖല തലത്തിലുള്ള ക്ഷീര സഹകാരി അവാർഡ്		50000
4.	സ്കൂൾ ഡെയറി ക്ലബ്ബുകൾ		25000
V	പാസ്റ്ററിക് റിലീഫ് കാലിത്തീറ്റ ധനസഹായ പദ്ധതി		
1.	കാലിത്തീറ്റ ധനസഹായ പദ്ധതി		ക്ഷീര സംഘത്തിൽ അളക്കുന്ന പാലിന്റെ അളവ് അനുസരിച്ച് ഒരു ചാക്ക് കാലിത്തീറ്റയ്ക്ക് 400/- രൂപ ധനസഹായം

ക്ഷീര സാന്ത്വനം സമഗ്രക്ഷീര കർഷക ഇൻഷുറൻസ് പദ്ധതി

ഇൻഷുറൻസ് പദ്ധതി ആനുകൂല്യങ്ങൾ

ആരോഗ്യ സുരക്ഷാ പോളിസി	80 വയസ്സ് വരെയുള്ള കർഷകന്റെ കുടുംബത്തിന് 1 ലക്ഷം രൂപ വരെ (with pre existing coverage upto 50,000/) കർഷകന്റെ മാതാപിതാക്കൾക്ക് പ്രായപരിധി ബാധകമല്ല
അപകട സുരക്ഷാ പോളിസി	7 ലക്ഷം (education grand upto 50,000/)
ലൈഫ് ഇൻഷുറൻസ് പോളിസി	18 വയസ്സ് മുതൽ 60 വയസ്സ് വരെ 1 ലക്ഷം ഒരു വർഷത്തേയ്ക്ക്
ഗോ സുരക്ഷാ പോളിസി	50,000/-, 60,000/-, 70,000/-

പ്രീമിയം നിരക്കുകൾ (തുക രൂപയിൽ)

ക്രമ നമ്പർ	ഗുണഭോക്താക്കൾ	ആരോഗ്യ സുരക്ഷാ പോളിസി	അപകട സുരക്ഷാ പോളിസി	ലൈഫ് ഇൻഷുറൻസ് പോളിസി	ഗോ സുരക്ഷാ പോളിസി	ആകെ പ്രീമിയം	ധന സഹായം	ഗുണഭോക്താ വിഹിതം
കർഷകൻ 18 വയസ്സ് മുതൽ 60 വയസ്സ് വരെ								
1	കർഷകൻ	3000	189	416		3605	1500	2105
2	കർഷകനും ജീവിത പങ്കാളിയും	4296	189	416		4901	2100	2801
3	കർഷകനും ജീവിത പങ്കാളിയും 1 or 2 കുട്ടികളും (25 വയസ്സ് വരെ)	5161	189	416		5766	2500	3266
4	കർഷകനും 1 or 2 കുട്ടികളും (25 വയസ്സ് വരെ)	3865	189	416		4470	1900	2570
കർഷകൻ 60 വയസ്സ് മുതൽ 80 വയസ്സ് വരെ								
1	കർഷകൻ	3000	189			3189	1500	1689
2	കർഷകനും ജീവിത പങ്കാളിയും	4296	189			4485	2100	2385

3	കർഷകനും ജീവിത പങ്കാളിയും 1 or 2 കുട്ടികളും (25 വയസ്സ് വരെ)	5161	189			5350	2500	2850	
4	കർഷകനും 1 or 2 കുട്ടികളും (25 വയസ്സ് വരെ)	3865	189			4054	1900	2154	
5	പദ്ധതിയിൽ അംഗമായ എല്ലാ കർഷകരുടേയും മാതാപിതാക്കൾക്കും ആരോഗ്യ ഇൻഷുറൻസ് (പ്രായപരിധി ഇല്ല) കർഷകന്റെ പ്രീമിയത്തോടൊപ്പം തുക അടയ്ക്കണം	2751						2751	
6	25 വയസ്സിൽ താഴെയുള്ള രണ്ടിൽ കൂടുതൽ കുട്ടികളെ ഇൻഷുറൻസ് ചെയ്യുന്നവർക്ക് (ഒരു കുട്ടിയുടെ പ്രീമിയം)	590						590	
കന്നുകാലികൾ									
1	ഇൻഷുറൻസ് കവരേജ് 50,000/-					1350	1350	500	850
2	ഇൻഷുറൻസ് കവരേജ് 60,000/-					1620	1620	500	1120
3	ഇൻഷുറൻസ് കവരേജ് 70,000/-					1890	1890	500	1390

തദ്ദേശ സ്വയം ഭരണ സ്ഥാപനങ്ങളുടെ ധനസഹായ മാർഗ്ഗരേഖ

ക്രമ നമ്പർ	ഇനം	കാറ്റഗറി	സബ്സിഡി നിരക്കിന്റെ ഉയർന്ന പരിധി	മാനദണ്ഡങ്ങൾ/ വ്യവസ്ഥകൾ (ജനറൽ, പട്ടികജാതി വിഭാഗ കടുബ വാർഷിക വരുമാന പരിധി അഞ്ച് ലക്ഷം രൂപയായിരിക്കും) പട്ടികവർഗ്ഗ വിഭാഗത്തിന് വരുമാന പരിധി ബാധകമല്ല
1	കറവയുള്ള പശു/ കറവയുള്ള എരുമ	പൊതുവിഭാഗം (വ്യക്തിഗതം)	50% (പരമാവധി 27,500/- രൂപ)	<ul style="list-style-type: none"> പരമ്പരാഗതമായി കന്നുകാലികളെ വളർത്തുന്നവർക്ക് മുൻഗണന നൽകണം ഉറക്കളെ കുറഞ്ഞത് 3 വർഷമെങ്കിലും വളർത്തുമെന്ന് കരാർ വയ്ക്കണം. പർച്ചേസ് നടപടി ക്രമങ്ങൾ പാലിച്ചുകൊണ്ട് ഗുണഭോക്താക്കളിൽ നിന്നുള്ള 5 പേർ കൂടി ഉൾപ്പെടുന്ന സമിതിയായിരിക്കണം വാങ്ങൽ നടത്തേണ്ടത്. (ഈ സമിതിയിൽ ചെയർമാനായി ഒരു ജനപ്രതിനിധി ഉണ്ടായിരിക്കണം. നിർവ്വഹണ ഉദ്യോഗസ്ഥൻ കൺവീനർ ആയിരിക്കണം) പർച്ചേസ് നടപടി ക്രമങ്ങൾ പാലിച്ചുകൊണ്ട് ഗുണഭോക്താക്കളിൽ നിന്നുള്ള 5 പേർ കൂടി ഉൾപ്പെടുന്ന സമിതിയായിരിക്കണം വാങ്ങൽ നടത്തേണ്ടത്. (ഈ സമിതിയിൽ ചെയർമാനായി ഒരു ജനപ്രതിനിധി ഉണ്ടായിരിക്കണം. നിർവ്വഹണ ഉദ്യോഗസ്ഥൻ കൺവീനർ ആയിരിക്കണം) തൊഴുത്ത് പുനരുദ്ധാരണം, കൂട് നിർമ്മാണം തിറ്റയുടെ ചെലവ്, കടത്തു കൂലി, ഇൻഷുറൻസ് തുക എന്നിവ പ്രോജക്ടിന്റെ ഭാഗമാക്കാൻ പാടില്ല. യൂണിറ്റ് കോസ്റ്റ് ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം ഗ്രാമപഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം.
		പട്ടികജാതി/	75% (പരമാവധി 35000 രൂപ)	
		പട്ടികവർഗം (വ്യക്തിഗതം)	100%	
		പട്ടികജാതി/	75% (പരമാവധി 15000 രൂപ)	
		പട്ടികവർഗം (വ്യക്തിഗതം)	100%	

2	ഗർഭിണി കിടാരി	പൊതുവിഭാഗം (വ്യക്തിഗതം)	50% (പരമാവധി 14,000/- രൂപ)	<ul style="list-style-type: none"> 18-24 മാസം പ്രായവും കുറഞ്ഞതും മൂന്നുമാസം ഗർഭാവസ്ഥയിലുള്ളതുമായിരിക്കണം ഗ്രാമ പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം യൂണിറ്റ് കോസ്റ്റ് ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം.
		പട്ടികജാതി/	75% (പരമാവധി 18000 രൂപ)	
		പട്ടികവർഗം (വ്യക്തിഗതം)	100%	
3	കന്നുകുട്ടി, കാളക്കുട്ടി, പോത്തുകുട്ടി	പൊതുവിഭാഗം (വ്യക്തിഗതം)	50% (പരമാവധി 8,000/- രൂപ)	<ul style="list-style-type: none"> 6-8 മാസമെങ്കിലും പ്രായമുള്ളവയായിരിക്കണം ഗ്രാമ പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം യൂണിറ്റ് കോസ്റ്റ് ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം
		പട്ടികജാതി/	75% (പരമാവധി 10,000 രൂപ)	
		പട്ടികവർഗം (വ്യക്തിഗതം)	100%	
4	കറവയന്ത്രം	പൊതുവിഭാഗം (വ്യക്തിഗതം)	50% (പരമാവധി 25,000/- രൂപ)	<ul style="list-style-type: none"> കാലി വളർത്തൽ മുഖ്യതൊഴിലായിട്ടുള്ള ക്ഷീര കർഷകരായിരിക്കണം 5 ഉൽക്കളെയെങ്കിലും വളർത്തുന്നുണ്ടായിരിക്കണം. അതിൽ 3 എണ്ണമെങ്കിലും കറവയുള്ള പശു/ എരുമ ആയിരിക്കണം
		പട്ടികജാതി/	75% (പരമാവധി 30,000 രൂപ)	
		പട്ടികവർഗം (വ്യക്തിഗതം)	100%	
5	പ്രത്യേക കന്നുകുട്ടി പരിപാലന പദ്ധതി (Special Livestock Breeding Programme)	പൊതുവിഭാഗം / പട്ടികജാതി	(പരമാവധി ഒരു കന്നുകുട്ടിക്ക് / കാളക്കുട്ടിക്ക് 6250/- രൂപ)	<ul style="list-style-type: none"> സംസ്ഥാന വിഹിതം 6250/- രൂപ തദ്ദേശ സ്ഥാപന വിഹിതം 6250/- രൂപ, ഒരു ഗുണഭോക്താവിന്റെ രണ്ട് കന്നുകുട്ടി/ കാളക്കുട്ടിയെ വരെ ഉൾപ്പെടുത്താം. മൃഗാശുപത്രിയിൽ നിലവിലുള്ള കന്നുകുട്ടി ജനനരജിസ്റ്ററിൽ പേര് ഉൾപ്പെടുത്തിയിട്ടുള്ള കന്നുകുട്ടികളെ ഉൾപ്പെടുത്തി ഗ്രാമസഭ / വാർഡ് സഭ അംഗീകരിക്കണം. പ്രത്യേക കന്നുകുട്ടി പരിപാലന പരിപാടിയുടെ നിബന്ധനകൾ പാലിക്കണം സംസ്ഥാന വിഹിതം ലഭ്യമല്ലെങ്കിൽ അതും തദ്ദേശഭരണ സ്ഥാപനം നൽകണം ഗ്രാമ/ബ്ലോക്ക് പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം. യൂണിറ്റ് കോസ്റ്റ് ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം
		പട്ടികവർഗ്ഗം	100%	
		പട്ടികജാതി	75%	
		പട്ടികവർഗം	100%	
6	പാലിന് സബ്സിഡി	പൊതുവിഭാഗം/ പട്ടികജാതി/ പട്ടികവർഗ്ഗം	ഒരു കർഷകന് ഒരു വർഷത്തിൽ നൽകാവുന്ന പരമാവധി സബ്സിഡി 40,000/- രൂപ	<ul style="list-style-type: none"> ക്ഷീര സംഘത്തിൽ ഒരു ലിറ്റർ പാലിന് 4 രൂപ തോതിൽ കണക്കാക്കി അത്രയും തുക കർഷകന്റെ ബാങ്ക് അക്കൗണ്ടിലേക്ക് നൽകണം (ക്ഷീരവികസന വകുപ്പ് നൽകുന്ന ഒരു രൂപ ഉൾപ്പെടെ) സംയുക്തമായോ ഓരോ തദ്ദേശഭരണ സ്ഥാപനങ്ങൾക്കുമായോ നടപ്പാക്കാം ഇൻഷുർ ചെയ്ത പശുക്കളുള്ള മറ്റ് ക്ഷീരകർഷകർക്ക് പാൽ ഉല്പാദനത്തിനാപാതികമായി വെറ്റിനറി സർജന്റെ സർട്ടിഫിക്കറ്റിന്റെ അടിസ്ഥാനത്തിൽ ഒരു വർഷം 15,000/- രൂപവരെ നൽകാവുന്നതാണ്

7	പാലിന് സബ്സിഡി	പൊതുവിഭാഗം/ പട്ടികജാതി/ പട്ടികവർഗ്ഗം	100% (ഉരു ഒന്നിന് പ്രതിവർഷം പരമാവധി 1000/- രൂപ)	<ul style="list-style-type: none"> കാലികളെ വളർത്തുന്ന എല്ലാ കർഷകർക്കും ഗ്രാമ പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം ധാതുലവണങ്ങളും മരുന്നും സർക്കാർ സ്ഥാപനങ്ങളിൽ നിന്ന് വാങ്ങണം 												
8	തീറ്റപ്പുൽകൃഷിയിലുള്ള വിത്ത് / നടിൽ വസ്തു	പൊതുവിഭാഗം/ പട്ടികജാതി/ പട്ടികവർഗ്ഗം	100% (ഒരു ഏക്കറിൽ പരമാവധി 8000/- രൂപ)	<ul style="list-style-type: none"> 20 സെന്റ് യൂണിറ്റുകളായി 100 സെന്റ് വരെ സ്ഥലത്ത് സ്വന്തം / പാട്ടഭൂമിയിലോ കൃഷി ചെയ്യാം. ചെറുകിട/ നാമമാത്രകർഷകർക്കു മാത്രം സ്ഥലവിസ്തൃതിക്കു ആനുപാതികമായി ആനുക്രമ്യം വിതരണം ചെയ്യാം വിത്തിന്റെ / നടിൽ വസ്തുവിന്റെ വില ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം സംയോജിത കൃഷി രീതിയിൽ ഏർപ്പെടുത്തി കുടുംബശ്രീ സംഘകൃഷി ഗ്രൂപ്പുകളെയും പ്രവാസി ഗ്രൂപ്പുകളെയും ഈ വിഭാഗത്തിൽ പരിഗണിക്കേണ്ടതാണ് ബ്ലോക്ക് പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് എടുക്കാം 												
		പട്ടിക ജാതി	75% (പരമാവധി 10,000 രൂപ)													
		പട്ടികവർഗ്ഗം	100%													
9	സമഗ്ര കന്നുകാലി ഇൻഷുറൻസ്	ജനറൽ വിഭാഗം / പട്ടികജാതി/ പട്ടികവർഗ്ഗം	കറവപശുക്കളുള്ള എല്ലാ ക്ഷീരകർഷകർക്കും ആനുകൂല്യം നൽകാവുന്നതാണ്	<ul style="list-style-type: none"> പ്രീമിയം തുക സംസ്ഥാനതലത്തിൽ വകുപ്പ് അംഗീകരിച്ചിട്ടുള്ളതായിരിക്കണം <table border="1" data-bbox="737 765 1135 933"> <thead> <tr> <th></th> <th>എസ്.റ്റി</th> <th>ജനറൽ</th> <th>എസ്.സി</th> </tr> </thead> <tbody> <tr> <td>തദ്ദേശഭരണ സ്ഥാപനം</td> <td>50%</td> <td>65%</td> <td>100%</td> </tr> <tr> <td>ഗുണഭോക്തൃ വിഹിതം</td> <td>50%</td> <td>35%</td> <td>-</td> </tr> </tbody> </table> <ul style="list-style-type: none"> പോളിസി സർട്ടിഫിക്കറ്റ്, വെറ്ററിനറി സർജന്റെ സാക്ഷ്യപത്രത്തിന്റേയും അടിസ്ഥാനത്തിൽ ബാങ്ക് അക്കൗണ്ടിലേയ്ക്ക് റീ-ഇബേഴ്സ് ചെയ്യേണ്ടതാണ് എല്ലാ തദ്ദേശ സ്ഥാപനങ്ങൾക്കും ഏറ്റെടുക്കാം ഇറട്ടിപ്പ് പാടില്ല 		എസ്.റ്റി	ജനറൽ	എസ്.സി	തദ്ദേശഭരണ സ്ഥാപനം	50%	65%	100%	ഗുണഭോക്തൃ വിഹിതം	50%	35%	-
	എസ്.റ്റി	ജനറൽ	എസ്.സി													
തദ്ദേശഭരണ സ്ഥാപനം	50%	65%	100%													
ഗുണഭോക്തൃ വിഹിതം	50%	35%	-													
10	ചാണകം ഉണക്കിപ്പൊടിച്ച് ജൈവവളമാക്കുന്ന യൂണിറ്റ്	എല്ലാ വിഭാഗങ്ങൾക്കും	ജനറൽ 50% (പരമാവധി 10,000/- രൂപ) എസ്.സി. 75% എസ്.റ്റി 100% (പരമാവധി 15,000/- രൂപ)	<ul style="list-style-type: none"> ക്ഷീര കർഷകർ ക്ഷീര സഹകരണ സംഘങ്ങൾ/ കുടുംബശ്രീ ഗ്രൂപ്പുകൾ മുഖേന വിതരണം ചെയ്യണം ഒന്നിലധികം കന്നുകാലികളുള്ള ക്ഷീരകർഷകർ മുൻഗണന ചാണകം ഉണക്കിപ്പൊടിച്ച് പാക്കറ്റുകളിലാക്കി ഇക്കോഷോപ്പ്/ ക്ഷീരസംഘം / കാർഷിക കർമ്മ സേനകൾ വഴി വില്പന നടത്തണം എല്ലാ തദ്ദേശഭരണ സ്ഥാപനങ്ങൾക്കും ഏറ്റെടുക്കാം. ഇറട്ടിപ്പ് പാടില്ല 												

11	കാലിത്തൊഴുത്ത് നവീകരണം വളക്കഴിയും മൂത്രത്തൊട്ടി നിർമ്മാണവും	ജനറൽ എസ്. സി/ എസ്.റ്റി	25,000/- 30,000/-	<ul style="list-style-type: none"> കഴിഞ്ഞ 2 വർഷമായി കന്നുകാലികളെ വളർത്തുന്നവരായിരിക്കണം ചാണകവും മൂത്രവും സുരക്ഷിതമായി സംസ്കരിക്കാൻ നിലവിൽ സംവിധാനങ്ങളില്ലാത്ത കർഷകർക്ക് മുൻഗണന നൽകണം ചാണകം മഴ നനയാതെ സൂക്ഷിക്കാൻ കഴിയുന്ന വളക്കഴിയും തൊഴുത്തിൽ നിന്നു വിഴുന്ന ഗോമൂത്രം ശേഖരിക്കുന്നതിനുള്ള സിമെന്റ് തൊട്ടിയും നിർമ്മിക്കണം ദുർഗന്ധവും കൊതുക് ഉണ്ടാകില്ലെന്ന് ഉറപ്പാക്കണം ഗ്രാമപഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും മാത്രം
12	കമ്മ്യൂണിറ്റി ക്യാറ്റിൽ ഷെഡ് എന്റർപ്രൈസസ് കം മിനി ഡയറിഫാം (സാമൂഹിക കന്നുകാലി വളർത്തൽ സംരംഭവും മിനി ഡയറിഫാമും	പ്രവാസി ഗ്രൂപ്പ് സംരംഭകത്വം	5,00,000 (ഓരോ യൂണിറ്റിനും)	<ul style="list-style-type: none"> വർഗ്ഗ ഗുണമേന്മയുള്ളതും ഉത്പാദനക്ഷമത കൂടിയതുമായ (ജേഴ്സി/ എച്ച്.എഫ്) ഇനം പശുക്കളെ ഇതര സംസ്ഥാനങ്ങളിൽ നിന്നും വാങ്ങി കൊണ്ടുവന്ന് വളർത്താവുന്നതാണ് പ്രവാസി സംരംഭകരിലൂടെ കേരളത്തിലെ എല്ലാ ബ്ലോക്ക്/ ജില്ലാ പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് പ്രകാരം ഡയറിഫാം ആരംഭിക്കുക കന്നുകാലികളെ പരിപാലന വ്യവസ്ഥയിൽ സ്വീകരിക്കാം വെള്ളം, വൈദ്യുതി ലഭ്യത ഉറപ്പാക്കി അനുയോജ്യമായ സ്ഥലത്ത് ആരംഭിക്കണം ചാണകവും ഗോമൂത്രവും ശാസ്ത്രീയമായി സംസ്കരിച്ച് മൂല്യവർദ്ധിത ജൈവവളമാക്കുന്ന ഒരു ഉപയൂണിറ്റ് പ്ലാന്റ് ചെയ്യണം കാലിതീറ്റയുടെ സ്റ്റോർ റൂമും മറ്റ് സംവിധാനങ്ങളും തയ്യാറാക്കണം പാൽ വിലുന്ന കേന്ദ്രവും വിതരണവും മറ്റൊരു ഉപയൂണിറ്റായി പ്ലാന്റ് ചെയ്യണം തിറ്റപ്പിൽ കൃഷിക്കർ /എം.കെ.എസ്.പി വനിതാഗ്രൂപ്പുകളെ ചുമതല ഏല്പിക്കണം റിവോൾ വിംഗ് ഫണ്ട് നൽകി കൃഷി നടത്തി തിരികെ വിലയ്ക്ക് വാങ്ങുകയും വേണം ഫാമിന്റെ അക്കൗണ്ടിംഗിന് ഡയറി ഫാം മാനേജ്മെന്റ് സോഫ്റ്റ്‌വെയർ ഉപയോഗിക്കണം പെൻഷൻ പറ്റിയ മൃഗഡോക്ടറെ ഫാം മാനേജറായി നിയമിക്കണം ഫാം മാനേജ്മെന്റ് സോഫ്റ്റ് വെയർ ഉപയോഗിക്കാൻ അക്കൗണ്ടിന്റിനെ നിയമിക്കണം സ്വദേശികളും വിദേശികളും പ്രവാസികളുമായ നിക്ഷേപകരിൽ നിന്നും കറവ പശുക്കളെയോ / തുകയോ നിക്ഷേപമായി വാങ്ങാനും നിക്ഷേപത്തിന് ബാങ്ക് പലിശ നൽകാനും എഗ്രിമെന്റിൽ ഏർപ്പെടണം കന്നുകാലികൾ ഉൾപ്പെടെ ഫാം പൂർണ്ണമായി ഇൻഷുർ ചെയ്യണം കന്നുകാലി പരിപാലനം വൃശ്തിപരമായ ചുമതലയാണെന്ന് തിരിച്ചറിയുന്ന ഒരു ഫാം മാനേജ്മെന്റ് കമ്മിറ്റി രൂപീകരിക്കണം. ഇതിൽ ബ്ലോക്ക് പഞ്ചായത്ത് കമ്മിറ്റി പ്രതിനിധിയും നിക്ഷേപകരുടേയും കന്നുകാലികളെ നൽകിയവരുടെ പ്രതിനിധികളും ഉണ്ടാകണം

13	(Fertigation Van) ഗോമൂത്രം കാർഷിക ഉൽപാദനത്തിന് ക്ഷീര സംഘം പദ്ധതി		2,50,000/- രൂപ ആകെ അടങ്കൽ	<ul style="list-style-type: none"> • സഹകരണ സംഘങ്ങൾ, ക്ഷീര സഹകരണ സംഘങ്ങൾ, ഡയറി ഫാമുകൾ, പാടശേഖര സമ്മിതികൾ, കർഷക ഗ്രൂപ്പുകൾ, പ്രവാസി ഗ്രൂപ്പുകൾ, പുരുഷ സ്വയം സഹായ സംഘങ്ങൾ എന്നിവർക്ക് ഏറ്റെടുക്കാം. • മുചക്ര പിക് അപ് വാൻ 2,10,000/- രൂപ സിന്റക്സ് ടാങ്ക് (1000 ലിറ്റർ) 10,000 രൂപ സ്റ്റാമ്പ് ഉൾപ്പെടെയുള്ള അനുബന്ധ ഉപകരണങ്ങൾ 30,000/- രൂപ ആകെ 2,50,000/- രൂപ • ശേഖരിക്കുന്ന ഗോമൂത്രത്തിന്റെ അളവനുസരിച്ച് ഗുണഭോക്താവിൽ നിന്നും യൂസർ ഫീയും കൃഷിയിടത്തിൽ ആവശ്യമായ അളവിൽ നേർപ്പിച്ച് ഫെർട്ടിലൈസർ നടത്തുന്നതിന് ഫീസും ഇടാക്കാവുന്നതാണ്. • എല്ലാ ക്ഷീര കർഷകർക്കും പ്രയോജനപ്പെടുന്ന രീതിയിൽ ഒരു ഡ്രൈവർ കം ഓപ്പറേറ്ററെ നിയോഗിച്ച് പ്രവർത്തന പരിപാടി തയ്യാറാക്കി നടപ്പാക്കണം • ധനസഹായം നൽകുന്ന തദ്ദേശഭരണ സ്ഥാപന പ്രതിനിധികളും ഗുണഭോക്തൃ സംഘവുമായി കരാറിലേർപ്പെട്ട് നടപടി സ്വീകരിക്കണം • ഡ്രൈവർ കം ഓപ്പറേറ്ററുടെ ശമ്പളം, വാഹനത്തിന്റെ അറ്റകുറ്റപ്പണി, പ്രവർത്തനചെലവ് എന്നിവ ഉറപ്പാക്കുന്ന തരത്തിൽ യൂസർ ഫീയും ഫെർട്ടിലൈസർ ചാർജ്ജും ഈടാക്കുന്നതിന് തദ്ദേശഭരണ സ്ഥാപനവും ഗുണഭോക്തൃ സംഘവുമായി ധാരണയിലെത്തണം. • വാഹനം മറ്റ് ആവശ്യങ്ങൾക്ക് ഓടുന്നില്ലെന്ന് ഉറപ്പാക്കണം • ബ്ലോക്ക് / ജില്ലാ പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് ഏറ്റെടുക്കാം എന്നതും രേഖപ്പെടുത്തി രജിസ്റ്റർ തയ്യാറാക്കണം • ഈ പദ്ധതി തുടരേണ്ടതില്ലെന്ന് തീരുമാനിക്കുമ്പോൾ ഇപ്പോൾ മുടക്കുന്നതും അധികമായി ഈ കണക്കിൽ ഉള്ളതുമായ തുക അഡീഷണൽ അലോട്ട്മെന്റായി ജില്ലാ പഞ്ചായത്തിന്റെ വികസന ഫണ്ടിലേയ്ക്ക് ഉൾപ്പെടുത്തണം <p>ജില്ലാ പഞ്ചായത്തുകൾക്ക് പ്രോജക്ട് ഏറ്റെടുക്കാം</p>
<p>സ.ഉ.(കൈ) നം.22/2018 തസ്വഭവ, തിരുവനന്തപുരം, തീയതി : 14.02.2018, സ.ഉ.(കൈ) നം.11/2018 തസ്വഭവ, തിരുവനന്തപുരം, തീയതി : 14.02.2018</p>				

14	കറവപത്രക്കൾക്കുള്ള കാലിത്തീറ്റ			<ul style="list-style-type: none"> ക്ഷീരസഹകരണ സംഘങ്ങൾ വഴി വിതരണം ചെയ്യുന്നതിനായി കേരള ഫീഡ്സ് കാലിത്തീറ്റയും മിൽമ കാലിത്തീറ്റയും വാങ്ങാവുന്നതാണ്. ഇതുകൂടാതെ ഗുണനിലവാരം ഉറപ്പാക്കി ടെന്റർ ഇടന്റർ മുഖേന മറ്റിടങ്ങളിൽ നിന്ന് കാലിത്തീറ്റ വാങ്ങാവുന്നതാണ്. എന്നാൽ ഈ നിരക്ക് കേരള ഫീഡ്സ്, മിൽമ എന്നീ സ്ഥാപനങ്ങളുടെ ഉൽപ്പന്ന നിരക്കുകളെക്കാൾ കുറവായിരിക്കണം. അതായത് കാലിത്തീറ്റ സംഘങ്ങൾ വഴിതന്നെ വിതരണം ചെയ്യണം. പണമായി കർഷകർക്ക് നൽകാൻ പാടില്ലെന്ന് വ്യക്തത വരുത്തുകയാണ് ചെയ്തിട്ടുള്ളത്.
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ജി.ഒ (ആർ.ടി) 1466/2020/എൽഎസ്ജിഡി തീയതി 06.08.2020

കുറിപ്പ് :-

1. കറവപത്ര, കറവയുള്ള എരുമ, ആട്, കാളക്കുട്ടി, കന്നുകുട്ടി, കിടാരി, പോത്തുക്കുട്ടി, ഗർഭിണി കിടാരി, മുട്ടക്കോഴി, കാട, താറാവ്, മുയൽ, പന്നി മുതലായവയുടെ വില ജില്ലാതലത്തിൽ നിശ്ചയിക്കണം. വില കണക്കാക്കുമ്പോൾ ഇൻഷുറൻസ്, കടത്തുകൂലി എന്നിവ ഉൾപ്പെടുത്താൻ പാടില്ല. അവ ഗുണഭോക്താക്കൾ വഹിക്കണം.
2. കോഴി, മുയൽ എന്നിവ വളർത്തുന്നതിനുള്ള കൂടിന്റെ വാല്യുവേഷൻ തദ്ദേശസ്വയംഭരണ സ്ഥാപനങ്ങളിലെ എഞ്ചിനീയർ/ ഓവർസീയർ എടുക്കണം.
3. വികസന സ്റ്റാന്റിംഗ് കമ്മിറ്റി ചെയർപേഴ്സൺ ചെയർമാനായും, വെറ്ററിനറി ഡോക്ടർ കൺവീനറായും ഗുണഭോക്താക്കളിൽ നിന്ന് 5 പേർ അംഗങ്ങളുമായിട്ടുള്ള കമ്മിറ്റിയായിരിക്കണം മൃഗങ്ങളെ - പക്ഷികളെ വാങ്ങേണ്ടത്. പഞ്ചായത്ത് പ്രോക്യൂർമെന്റ് കമ്മിറ്റിയുടെ അംഗീകാരത്തോടെ ഈ സമിതിക്ക് നേരിട്ട് വാങ്ങാം. പ്രായം, ഗുണനിലവാരം എന്നിവ നിർവ്വഹണ ഉദ്യോഗസ്ഥർ ഉറപ്പാക്കണം.
4. പ്രോജക്ടിന്റെ ഭാഗമായി വാങ്ങുന്ന ഉരക്കളുടെ ഗുണമേന്മ നിർവ്വഹണ ഉദ്യോഗസ്ഥർ ഉറപ്പാക്കണം
5. ഉരക്കളെ ആരുടെ പക്കൽ നിന്നാണോ വാങ്ങിക്കുന്നത് അവരുടെ ബാങ്ക് അക്കൗണ്ടിലേക്ക് തുക നൽകണം.
6. ക്ഷീരസംഘങ്ങൾ എന്നുള്ളത് കേരളസഹകരണസംഘം ആക്ട് 1969 പ്രകാരം രജിസ്റ്റർ ചെയ്തിട്ടുള്ള ക്ഷീരസംഘങ്ങളും ഉൾപ്പെടുന്നതാണ്.
7. പ്രത്യേക കന്നുകുട്ടി പരിപാലന പരിപാടിയുടെ ഗുണഭോക്താക്കളെ ഗൃഹശുപത്രിയുടെ കന്നുകുട്ടി ജനനരജിസ്റ്ററിൽ നിന്നും രേഖപ്പെടുത്തി ഗ്രാമസഭ/ വാർഡ് സഭയിൽ അവതരിപ്പിച്ച് ഗ്രാമസഭ/ വാർഡ് സഭ നിർദ്ദേശിക്കുന്ന കൂട്ടിച്ചേർക്കലുകൾ കൂടി വരുത്തി അംഗീകരിച്ച് നടപ്പാക്കാവുന്നതാണ്.
8. ഭക്ഷ്യ സുരക്ഷാ നിയമപ്രകാരമുള്ള മൊബൈൽ ലാബുകൾ (ജില്ലാ പഞ്ചായത്ത്), ക്ഷീരമേഖലയിൽ ദേശീയ ഭക്ഷ്യസുരക്ഷാ നിയമം-(2006) പ്രകാരമുള്ള ഗുണനിലവാരം ഉറപ്പുവരുത്തുന്നതിനായി ജില്ലാ ക്വാളിറ്റി കൺട്രോൾ വിഭാഗത്തിന് അടിസ്ഥാന സൗകര്യങ്ങൾ, മൊബൈൽ ലാബുകൾ എന്നിവ ജില്ലാ പഞ്ചായത്തിന് സജ്ജീകരിക്കാവുന്നതാണ്. സംസ്ഥാന തലത്തിലുള്ള വകുപ്പ് തല നിർദ്ദേശങ്ങൾക്കനുസരണമായി നടപ്പാക്കണം.
9. **ഗുണമേന്മയുള്ള മാംസോൽപാദത്തിന് പ്രോത്സാഹനം**
 ഗുണമേന്മയുള്ള മാംസം ഉപഭോക്താക്കൾക്ക് ലഭ്യമാക്കുന്നതിന് വയനാട് ജില്ലയിലെ ബ്രഗ്മഗിരി മാതൃകയിലുള്ള മാംസ വിപണന കേന്ദ്രത്തിൽ കന്നുകാലി കർഷർ വിൽക്കുന്ന കാള, മുരി, പോത്ത് എന്നിവയുടെ വിലയുടെ പത്തുശതമാനം തുകയോ പരമാവധി 5,000/- രൂപയോ ഏതാണോ കൂടുതൽ ആ തുക അധികസഹായമായി കർഷകന് നൽകുന്നതിനുള്ള പദ്ധതി. സ്ഥാപനത്തിൽ നിന്നുള്ള ലിസ്റ്റിന്റെ അടിസ്ഥാനത്തിലും ബന്ധപ്പെട്ട കർഷകന്റെ അപേക്ഷയുടെ അടിസ്ഥാനത്തിലും, കർഷകന്റെ ബാങ്ക്

അക്കൗണ്ടിലേയ്ക്ക് തുക നൽകേണ്ടതാണ്. ഈ രീതിയിൽ മാതൃകാപരമായി കർഷകന്റെ അപേക്ഷയുടെ അടിസ്ഥാനത്തിലും, കർഷകന്റെ ബാങ്ക് അക്കൗണ്ടിലേയ്ക്ക് തുക നൽകേണ്ടതാണ്. ഈ രീതിയിൽ മാതൃകാപരമായി പ്രവർത്തിക്കുന്ന വിപണന കേന്ദ്രങ്ങൾ ഉള്ള എല്ലാ സ്ഥലങ്ങളിലും ബന്ധപ്പെട്ട ബ്ലോക്ക്/ജില്ലാ പഞ്ചായത്തുകൾക്ക് മേൽപ്പറഞ്ഞ ധനസഹായ ലഭ്യമാക്കുന്നതിനുള്ള പദ്ധതികൾ ആവിഷ്കരിച്ച് നടപ്പാക്കാവുന്നതാണ്.

10. **മൃഗസംരക്ഷണ - ക്ഷീര വികസന വകുപ്പ് നൽകുന്ന പരിശീലനം** - വളർത്തു പക്ഷികളെയും മൃഗങ്ങളെയും വളർത്താനായി ഗുണഭോക്തൃ പട്ടികയിൽ ഉൾപ്പെടുന്ന എല്ലാവരും നിർബന്ധമായും മൃഗസംരക്ഷണ - ക്ഷീര വികസന വകുപ്പ് ഇതിനായി നൽകുന്ന പരിശീലനങ്ങളിൽ പങ്കെടുത്ത് വിജയകരമായി പൂർത്തീകരിച്ചവരായിരിക്കണം. ഇതിനായി എല്ലാ ഗുണഭോക്താക്കൾക്കും പരിശീലനം നൽകണം.

ക്ഷീര സഹകരണ സംഘങ്ങൾ

ക്രമ നമ്പർ	ഇനം	സബ്സിഡി ശതമാനം	പരമാവധി സബ്സിഡി തുക	യോഗ്യത മാനദണ്ഡങ്ങൾ	അർഹത മുൻഗണനകൾ
1	സംഘങ്ങളിൽ പാസ്ചറൈസേഷൻ പ്ലാന്റുകൾ സ്ഥാപിക്കൽ	ചെലവിന്റെ 50%	12 ലക്ഷം രൂപ	1) പൊതുയോഗ്യതാ മാനദണ്ഡങ്ങൾ	1) പൊതു അർഹത മുൻഗണനയിലെ 1 മുതൽ 6 വരെ 2) തൻവർഷം നാളിതുവരെ പ്രതിദിനം ശരാശരി 3000 ലിറ്റർ പാൽ കൈകാര്യം ചെയ്യുന്ന സംഘങ്ങൾ
2	പാൽ ശീതികരണികൾ വാങ്ങുന്നതിന്	വിലയുടെ 50%	3 ലക്ഷം രൂപ	1) പൊതുയോഗ്യതാ മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) തൻവർഷം നാളിതുവരെയുള്ള പ്രതിദിനം ശരാശരി 300 ലിറ്റർ പാൽ കൈകാര്യം ചെയ്യുന്ന സംഘങ്ങൾ
3	ഓട്ടോമാറ്റിക് മിൽക്ക് പാസ്റ്റീംഗ് മെഷീൻ	വിലയുടെ 50%	3 ലക്ഷം രൂപ	1) പൊതുയോഗ്യതാ മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) തൻവർഷം നാളിതുവരെയുള്ള പ്രതിദിനം ശരാശരി 300 ലിറ്റർ പാൽ ശേഖരിക്കുന്നതും 300 ലിറ്റർ ശേഷിയുള്ള മിൽക്ക് കൂളർ ഉള്ളതുമായ സംഘങ്ങൾ
4	പാൽ ശേഖരിക്കുന്ന മുറികൾ	ചെലവിന്റെ 50%	1 ലക്ഷം രൂപ	1) പൊതുയോഗ്യതാ മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ 2) സ്വന്തം സ്ഥലം ഉണ്ടായിരിക്കണം	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) പ്രതിദിനം 300 ലിറ്റർ പാൽ ശേഖരിക്കുന്ന സംഘങ്ങൾ

5	ഓട്ടോമാറ്റിക് മിൽക്ക് കളക്ഷൻ യൂണിറ്റ്	ചെലവിന്റെ 50%	75000 രൂപ	1) പൊതുയോഗ്യത മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) പ്രതിദിനം 300 ലിറ്റർ പാൽ സംഭരിക്കുന്ന സംഘങ്ങൾ
6	പാലിന്റെ ഗുണനിലവാരം പരിശോധിക്കുന്നതിനുള്ള ഉപകരണം	വിലയുടെ 50%	25,000 രൂപ	1) പൊതുയോഗ്യത മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) പ്രതിദിനം 200 ലിറ്റർ പാൽ സംഭരിക്കുന്ന സംഘങ്ങൾ
7	സ്റ്റെയിൻ ലസ്റ്റ്റ്റിൽ അലോയ് - 304 ഗ്രേഡ് 40 ലിറ്റർ സംഭരണി	വിലയുടെ 33 1/3%	ഒരു സംഭരണിക്ക് പരമാവധി 1000 രൂപ	1) പൊതുയോഗ്യത മാനദണ്ഡങ്ങൾ 1 മുതൽ 4 വരെ	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) ഒരു സംഘത്തിന് പരമാവധി 10 സംഭരണികൾ
8	മിൽക്ക് റൂട്ട് ഇല്ലാത്ത ക്ഷീര സംഘങ്ങൾക്കുള്ള മിൽക്ക് ടാൻസ് പോർട്ടേഷൻ അസിസ്റ്റൻസ്	ക്ഷീര വികസന വകുപ്പിൽ രജിസ്റ്റർ ചെയ്ത പ്രവർത്തിക്കുന്ന ക്ഷീര സഹകരണ സംഘങ്ങൾ	ആകെ ചെലവിന്റെ 100% (പരമാവധി ഒരു മാസം 5000/- രൂപ വീതം 10 മാസത്തേക്ക്)	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) മിൽക്ക് റൂട്ട് ഇല്ലാത്ത പ്രദേശങ്ങളിൽ പാൽ ഏറ്റവും അടുത്തുള്ള പാൽ സംഭരണകേന്ദ്രത്തിലേക്ക് എത്തിക്കുന്നതിന് 3) പുതുതായി ആരംഭിച്ച ക്ഷീരസംഘങ്ങൾക്ക് മുൻഗണന നൽകേണ്ടതാണ്	
9	ക്ഷീര സംഘങ്ങൾക്ക് കീഴിൽ മൊബൈൽ മിൽക്കിംഗ് യൂണിറ്റുകൾ സ്ഥാപിക്കുക	ക്ഷീരവികസന വകുപ്പിൽ രജിസ്റ്റർ ചെയ്ത പ്രവർത്തിക്കുന്ന ക്ഷീര സഹകരണ സംഘങ്ങൾ	75% സബ്സിഡി (പരമാവധി 1,00,000)	1) പൊതു അർഹത മുൻഗണനകളിലെ 1 മുതൽ 6 വരെ 2) ഒറ്റപ്പെട്ട പ്രദേശങ്ങൾ സംഭരണ മേഖലകളായ ക്ഷീര സംഘങ്ങൾക്ക് മുൻഗണന നൽകാവുന്നതാണ്. 3) പട്ടികജാതി / പട്ടികവർഗ്ഗ വിഭാഗങ്ങൾ / വനിതകൾ എന്നീ അംഗങ്ങൾക്ക് ക്ഷീരസംഘങ്ങൾ മുൻഗണന നൽകേണ്ടതാണ്	
കുറിപ്പ് : ക്രമനമ്പർ 1,2,3,5,6 എന്നിവ ക്ഷീരവികസന വകുപ്പിന്റെ സ്പെസിഫിക്കേഷൻ പ്രകാരമായിരിക്കേണ്ടത്					

10	ക്ഷീര സഹകരണ സംഘങ്ങൾക്ക് റിവോൾവിംഗ് ഫണ്ട്		ഒരു സംഘത്തിന് 2,00,000 രൂപ ഒരു വർഷം എത്ര സംഘത്തിന് കൊടുക്കണമെന്ന് തദ്ദേശഭരണ സ്ഥാപനം തീരുമാനിക്കണം		***
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- 1) ഒരു ഗുണഭോക്താവിന് കുറവ പശുവിനെ വാങ്ങാൻ 40,000 രൂപ ക്രമത്തിൽ ധനസഹായം ചെയ്യുന്നതാണ് പദ്ധതി
- 2) നിർദ്ദിഷ്ട തുക നൽകുന്ന തീയതി മുതൽ ഗുണഭോക്താവിൽ നിന്നും ഓരോ മാസവും നിശ്ചിത തുക വച്ച് പാൽ വിലയിൽ കുറവ് ചെയ്യുകയോ / ക്യാഷ് അടയ്ക്കുകയോ വേണം
- 3) തിരിച്ചടവ് തുകയും തവണയും എല്ലാവർക്കും ഒന്നായിരിക്കുന്നതാണ് നല്ലത്. ഒരു ഗുണഭോക്താവിന് പ്രതി മാസം 8000/- രൂപ വീതമാണ് തിരിച്ചടവെങ്കിൽ 5 പേരിൽ നിന്നും ലഭിക്കുന്ന തുക ഉപയോഗിച്ച് ഓരോ ഗുണഭോക്താക്കൾക്ക് വീതം തുടർന്നുള്ള ഓരോ മാസവും നൽകാവുന്നതാണ്.
- 4) ഓരോ സാമ്പത്തിക വർഷവും ഇപ്രകാരം നൽകാവുന്ന എണ്ണം കണക്കാക്കി ഗുണഭോക്തൃ ലിസ്റ്റ് തയ്യാറാക്കി തദ്ദേശഭരണ സ്ഥാപനത്തിന് നൽകണം. ഇത് ഭൗതിക നേട്ടമായി കണക്കാക്കണം.
- 5) തദ്ദേശ ഭരണ സ്ഥാപനതലത്തിലുള്ള എല്ലാ ക്ഷീരസഹകരണ സംഘങ്ങൾക്കും പദ്ധതി വിശദാംശങ്ങൾ കാണിച്ച് അറിയിപ്പ് നൽകി അപേക്ഷ സ്വീകരിച്ച് നടപടി സ്വീകരിക്കണം
- 6) തെരഞ്ഞെടുക്കുന്ന ഓരോ സഹകരണ സംഘങ്ങളും അവരുടെ കമ്മിറ്റി തീരുമാന പ്രകാരം യോഗ്യത മുൻഗണനാ മാനദണ്ഡങ്ങൾ നിശ്ചയിച്ചും/ ജില്ലാ പഞ്ചായത്ത് നിർദ്ദേശങ്ങൾ പാലിച്ച് സംഘത്തിലെ എല്ലാ അംഗങ്ങൾക്കും അറിയിപ്പ് നൽകി നിർദ്ദിഷ്ട പദ്ധതിക്ക് അപേക്ഷ ക്ഷണിക്കണം
- 7) യോഗ്യരായ അപേക്ഷകരിൽ നിന്നും നിർദ്ദിഷ്ട പദ്ധതി യോഗ്യതാ മുൻഗണനാ മാനദണ്ഡങ്ങൾ പ്രകാരം ഗുണഭോക്തൃ പട്ടിക തയ്യാറാക്കി ധനസഹായം അനുവദിക്കണം
- 8) വർഗ്ഗ ഗുണമുള്ളതും ഉല്പാദനശേഷി കൂടിയതുമായ ഇനം പശുക്കളെ സംസ്ഥാനത്തിന് പുറത്ത് നിന്ന് വാങ്ങുന്നവർക്ക് മുൻഗണന നൽകണം
- 9) ജില്ലാ / പഞ്ചായത്തുകൾക്കും നഗരഭരണ സ്ഥാപനങ്ങൾക്കും പ്രോജക്ട് ഏറ്റെടുക്കാം

സംരംഭകത്വ പ്രോത്സാഹനത്തിന് റിവോൾവിംഗ് ഫണ്ടും പലിശ സബ്സിഡിയും

സംരംഭകത്വ പ്രോത്സാഹനത്തിന് റിവോൾവിംഗ് ഫണ്ടും 2018-19 മുതൽ യുവസംരംഭകർ ഇതിനായി എടുത്തിട്ടുള്ള ധനകാര്യ സ്ഥാപന (സ്വകാര്യമല്ല) വായ്പക്ക് പലിശ സബ്സിഡിയും നൽകുന്നതിന് ചുവടെ ചേർത്തിട്ടുള്ള വ്യവസ്ഥകൾ പ്രകാരം പ്രോജക്ടുകൾ രൂപീകരിക്കാവുന്നതാണ്.

1. വ്യവസ്ഥകൾ

- 1) സംരംഭകത്വ ഗ്രൂപ്പുകളിൽ കുറഞ്ഞത് അഞ്ചുപേർ ഉണ്ടായിരിക്കണം (common, interest Group)
- 2) 18-60 വയസ്സിനിടയിൽ പ്രായമുള്ളവരായിരിക്കണം
- 3) പൊതു ധനകാര്യ /സഹകരണ സ്ഥാപനത്തിൽ നിന്നുള്ള വായ്പ കൂടി ഉപയോഗപ്പെടുത്തി സംരംഭം തുടങ്ങാൻ താല്പര്യമുള്ളവരായിരിക്കണം
- 4) ക്ഷീരമേഖലയിൽ സംരംഭം തുടങ്ങാൻ താല്പര്യമുള്ളവരായിരിക്കണം
- 5) തദ്ദേശഭരണസ്ഥാപനം അപേക്ഷ ക്ഷണിക്കുന്ന മുറയ്ക്ക് സംരംഭകർ വ്യക്തിഗത വിവരങ്ങൾ ഉൾപ്പെടുത്തി

ആരംഭിക്കാൻ ഉദ്ദേശിക്കുന്ന സംരംഭം സംബന്ധിച്ച ഒരു വിവരങ്ങൾ ഉൾപ്പെടുത്തി നൽകി രജിസ്റ്റർ ചെയ്യണം

- 6) എല്ലാ അപേക്ഷകളും ഗ്രാമപഞ്ചായത്ത് / നഗരസഭകളിലാണ് നൽകേണ്ടത്. 5 ലക്ഷം രൂപ വരെ അടങ്ങലുള്ളവ ബ്ലോക്ക് പഞ്ചായത്തും 10 ലക്ഷത്തിന് മുകളിലുള്ളവ ജില്ലാ പഞ്ചായത്തുകളുമാണ് നടപ്പാക്കേണ്ടത്. നഗരസഭ സ്ഥാപനങ്ങൾക്ക് പരിധിയില്ല. എല്ലാ സംരംഭകരുടേയും ലിസ്റ്റ് ബന്ധപ്പെട്ട ഗ്രാമസഭ/വാർഡ് സഭകളിൽ റിപ്പോർട്ട് ചെയ്യണം.
- 7) പ്രോജക്ട് ക്ലിനിക്ക് - പ്രൊപ്പോസലുകളുടെ സാമ്പത്തിക ക്ഷമതയും പ്രായോഗിക ക്ഷമതയും പരിശോധിക്കാനും വിശദാംശങ്ങളിൽ തദ്ദേശഭരണസ്ഥാപനങ്ങൾ നടത്തി വായ്പാ സാധ്യതയുള്ള പ്രൊപ്പോസലുകളാക്കി രൂപപ്പെടുത്തും. ഇതിനായി വ്യവസായ വകുപ്പ് ഉദ്യോഗസ്ഥൻ, ബാങ്ക് പ്രതിനിധി, നിർവ്വഹണ ഉദ്യോഗസ്ഥൻ എന്നിവരുടെയിടയ്ക്കായി ഉപസമിതി രൂപീകരിക്കണം.
- 8) നിർവ്വഹണ ഉദ്യോഗസ്ഥന്റെ ശുപാർശയോടുകൂടി പ്രൊപ്പോസലിന്റെ പകർപ്പ് സംരംഭകർക്ക് താല്പര്യമുള്ള ധനകാര്യ സ്ഥാപനത്തിന് നൽകും. സംരംഭകർക്ക് നിർദ്ദിഷ്ട പ്രവർത്തനത്തിനുള്ള പരിശീലനവും നൽകും. പരിശീലനത്തിന് PMKVY ഉൾപ്പെടെയുള്ള സാധ്യതകൾ ഉപയോഗപ്പെടുത്തണം.
- 9) പ്രോജക്ടിന് ബാങ്ക് വായ്പ തരപ്പെടുത്തുന്നത് സംരംഭകരുടെ ഉത്തരവാദിത്തമാണ്. ആവശ്യമായ സഹായം ബിൽബിസി യും ഡി.എൽ.ബി.സിയും വഴി തദ്ദേശഭരണസ്ഥാപനവും ചെയ്യും.
- 10) ബാങ്ക് വായ്പ അനുമതി ലഭിച്ചാലുടൻ സംരംഭകർക്ക് പ്രവർത്തനം ആരംഭിക്കാം. അതിനാവശ്യമായ തദ്ദേശഭരണ അനുമതികൾ ഏകജാലക സംവിധാനത്തിലൂടെ തദ്ദേശഭരണസ്ഥാപന സെക്രട്ടറി ഉറപ്പാക്കും. മറ്റ് ലൈസൻസുകൾ സംരംഭകർ നേടിയിരിക്കണം.
- 11) സംരംഭത്തിന്റെ അടിസ്ഥാന സൗകര്യങ്ങൾ സജ്ജമാക്കി പ്രവർത്തനം ആരംഭിച്ചാൽ നിർവ്വഹണ ഉദ്യോഗസ്ഥൻ പരിശോധിച്ചു ബോധ്യപ്പെട്ട് ഗുണഭോക്താക്കളുമായി കരാറിൽ ഏർപ്പെട്ട് റിവോൾവിംഗ് ഫണ്ട് നൽകാൻ നടപടി സ്വീകരിക്കും.
- 12) സംരംഭകർക്ക് സബ്സിഡി നൽകുന്നതല്ല.

2. റിവോൾവിംഗ് ഫണ്ട് രൂപീകരണവും വിനിയോഗവും

1. സംരംഭകത്വ വികസനത്തിനായി തദ്ദേശഭരണസ്ഥാപനം നിശ്ചയിക്കുന്ന തുക പ്രോജക്ടിലൂടെ റിവോൾവിംഗ് ഫണ്ടിലേയ്ക്ക് വകയിരുത്തും. അത് സംരംഭകർക്ക് ചുവടെ ചേർക്കുന്ന പ്രകാരം വിതരണം ചെയ്യുന്നതാണ്.

തദ്ദേശഭരണ സ്ഥാപനം	വ്യക്തികൾ (പരമാവധി തുക)			5 പേരുള്ള ഗ്രൂപ്പ് (പരമാവധി തുക)
	ജനറൽ	SC/ST	WCP	
ഗ്രാമപഞ്ചായത്ത്	50,000/	60,000/	60,000/	2,50,000/
ബ്ലോക്ക് പഞ്ചായത്ത്	50,000/	60,000/	60,000/	3,00,000/
ജില്ലാ പഞ്ചായത്ത്	50,000/	60,000/	60,000/	5,00,000/-
മുൻസിപ്പാലിറ്റി	50,000/	60,000/	60,000/	3,00,000/-
കോർപ്പറേഷൻ	50,000/	60,000/	60,000/	5,00,000/-

3. പലിശ സബ്സിഡി

1. സംരംഭകത്വ രജിസ്റ്റർ പ്രകാരം വാർഷികമായി കണക്കാക്കുന്ന പലിശയ്ക്ക് ആവശ്യമായി വരുന്ന തുക ഉടൻതന്നെ ഓരോ വാർഷിക പദ്ധതിയിലും പ്രോജക്ട് അംഗീകരിച്ചാണ് പലിശ സബ്സിഡി നൽകുന്നത്.
2. സംരംഭം ആരംഭിച്ചു ഒരു വർഷം കഴിയുന്ന മുറയ്ക്ക് റിവോൾവിംഗ് ഫണ്ട് തവണ തുകയും ബാങ്ക് വായ്പ തവണ തുകയും കടിശ്ശികയില്ലാതെ ക്രമമായി തിരിച്ചടച്ചവർക്ക് കണക്ക് പ്രകാരം സംരംഭകർ ധനകാര്യ സ്ഥാപനത്തിൽ ഒടുക്കിയ എല്ലാ പലിശ തുകയും സംരംഭകരുടെ വായ്പ അക്കൗണ്ടിലേയ്ക്ക് തദ്ദേശഭരണ സ്ഥാപനം അടയ്ക്കുന്നതാണ്.
3. ഓരോ വർഷവും പലിശ സബ്സിഡിക്ക് അപേക്ഷിക്കുന്നതുവരെയുള്ള ബാങ്ക് സ്റ്റിപ്പുകൾ സൂക്ഷിച്ചുവെച്ച് ഹാജരാക്കി
 1. ബാങ്കുവായ്പ തവണയും റിവോൾവിംഗ് ഫണ്ട് തവണയും നാളിതുവരെ ക്രമമായി അടച്ചിട്ടുണ്ടെന്ന്

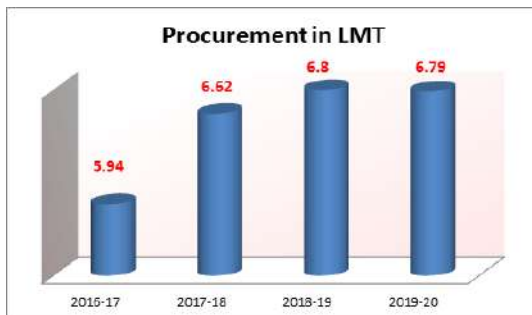
ഉറപ്പു വരുത്തണം

2. സംരംഭത്തിലൂടെ ഉദ്ദിഷ്ട പ്രവർത്തനവും ഫലവും ഉണ്ടായിട്ടുണ്ടെന്ന് രേഖകളുടെയും നേരിട്ടുള്ള പരിശോധനയിലൂടെയും ബോധ്യപ്പെട്ട് നിർവഹണ ഉദ്യോഗസ്ഥൻ ശുപാർശ നൽകി ഭരണസമിതി അംഗീകരിച്ചാണ് ഓരോ വർഷവും പലിശ സബ്സിഡി നൽകുന്നത്.
3. ബാങ്ക് വായ്പ തവണയും റിവോൾവിംഗ് ഫണ്ട് തവണയും മുടക്കം വരുത്തുന്ന വർക്ക് പലിശ സബ്സിഡി നഷ്ടമാകും.
4. നിർവഹണ ഉദ്യോഗസ്ഥൻ സ്ഥാനം ഒഴിയുമ്പോൾ മേൽ പറഞ്ഞ രജിസ്റ്ററും അക്കൗണ്ടുകളും സംരംഭകരുടെ കണക്കും ബാങ്ക് പാസ് ബുക്കുമായി അനുരഞ്ജനം നടത്തി റീ വകുപ്പ് മെന്റ് കണക്കും രജിസ്റ്ററും പാസ് ബുക്കും തദ്ദേശഭരണസ്ഥാപന സെക്രട്ടറിയെ ബോധ്യപ്പെടുത്തി ഭരണസമിതിക്ക് നൽകണം. അല്ലാത്ത പക്ഷം അത് അവരുടെ സർവീസ് വീഴ്ചയായി കണക്കാക്കുന്നതാണ്.
5. ബാങ്ക് വായ്പ കണക്ക് അവസാനിക്കുന്നതുവരെ സംരംഭകർ വ്യവസ്ഥകൾ പാലിക്കുകയാണെങ്കിൽ പലിശ സബ്സിഡി ലഭിക്കുന്നതാണ്.

7. ക്ഷീരസംഘങ്ങളുടെ വിവരങ്ങൾ

ക്രമ നം	ജില്ല	ക്ഷീരസംഘങ്ങളുടെ എണ്ണം	ഡിബിറ്റിയിൽ ചേർത്തിരിക്കുന്ന വിവരങ്ങൾ		ബി.എം. സികളുടെ എണ്ണം	ആകെ പാൽ സംഭരണം (ലക്ഷത്തിൽ)
			പുരുഷൻ	വനിത		
1	തിരുവനന്തപുരം	352	17669	13598	27	690.48
2	കൊല്ലം	307	18707	10408	18	518.26
3	പത്തനംതിട്ട	173	8694	5792	12	176.95
4	ആലപ്പുഴ	244	12352	14131	21	355.03
5	കോട്ടയം	246	14177	8838	22	311.66
6	ഇടുക്കി	194	23102	7367	54	644.22
7	എറണാകുളം	316	19206	6434	44	443.63
8	തൃശൂർ	244	16820	6597	29	335.48
9	പാലക്കാട്	328	28398	7971	57	1045.96
10	മലപ്പുറം	250	10898	17359	23	267.71
11	വയനാട്	251	20423	5499	41	409.21
12	കോഴിക്കോട്	56	24467	6301	39	854.54
13	കണ്ണൂർ	218	17718	14219	38	488.28
14	കാസർഗോഡ്	142	9949	11679	16	248.05
	ആകെ	3321	242580	136193	441	6789.46

8. ക്ഷീരസംഘങ്ങൾ മുഖേന സംഭരിച്ച പാലിന്റെ കണക്ക്



CO-OPERATIVE LAW, FSSA STANDARDS, MICROBIOLOGICAL STANDARDS

LAW AT YOUR FINGER TIPS

Act, Rules & Bye – laws open to inspection. S.97.	Classification of Societies. S. 80(1). R15&R182.&Appendix III at page 663
Age limit R. 183 & Circular 20/87 at page 1121.	Casual vacancies in committee Sec 28(1j)
Amendment of Bye – laws Ss. 10,11,12 & 13. Rr.9 & 10. Circular No. 18/93 Fee to be paid for Registration of amendment Circular 58/14 at pages 1300. Refusal to register amendment is appealable under Ss. 83 (1) (b), 83 (1) (i), 83 (2) (a) 87.Rr.124,124A &125.	Coption to committee Section 28(1G) Co-operative Union – Removal of Chairman R.144A C.P.C. Made applicable S.98. Deduction from Salary for Societies Claim. S. 37 & R.52.
Annual General Body and its Powers. S.29.	Delivery of possession. R.84.
Appeals to Registrar & Government. S. 83. Rr. 124, 124A&125. Above Appeals to file within 60 days S. 82 (1) (f).	Disciplinary Action. R. 198. And Circular 83/93 & 34/2010 at P 1123 & 1124. Disposal of Net Profit. Reserve Fund. Sec. 50 Rr. 60 & 61.
Appointment of New Committee or Admini-strators. Ss. 28 Proviso 1 & 2, 28 (1AA) & S. 32(d) & 33.	Disputes. Ss.2(i),69,70. Rr.67,68 & Model forms at Page 1056.
Appointments of Employees. Ss. 80(2),80(3A),80(4),80B Rr. 182A, 187, 188, 188A & Circular Nos. 79/11 A on page 1093 Security to be furnished on Page 1116 Co-operative Service Exam: Board S.80B, R.182B. Suspension of Officers Sec.66B.	Disqualification of Committee Members & President. Ss.28 (2) (a), 28 (2) (b), Rr.44,45 & S. 28 (3) Proviso. Duties & Responsibilities of Paid Secretary. Rr.33(2), 38(1), 43(2) R.47(a) & € Duties & Responsibilites of Employees. Rr.193&196. Duties of Committee. Ss. 28A, 29, 30, 56, 57, 58, 59, 60, 61, 62, 64(7), 69, 80 (4) & 97. Rr. 29, 31, 33, 35 (1), 35 (3) (b), 35 (3) (c) (i), 35 (hh) (i), 36, 39, 53, 54, 55, 56, 57, 58, 59, 61, 63, 64 (7), 177, 178, 180, 185, 186, 188, 188A, 189, 190, 191, 196, 197, 198 & 200.
Attachment of Property before Award. S. 78 & R.93. Appealable under S. 83(1)(i). Rr. 124, 124A&125.	Jurisdiction of Civil Court. S. 100.
Assisted societies Sec.2(aa)	
Audit. Ss. 63,64, Rr. 64,64A,64B & 65. Circular No. 12/97 dated 17.3.97 on page 1240.	
Branch Opening R.178A	
Bye-laws Ss.2(b), 96 & 97. Rr.5, 6 & 11.	Leave Rules. R.190. Circulars on Pages 1143 to 1146 Relevant part of KSR on page 1433
Classification of Societies under S. 80. R. 182	Management of Societies. Ss.2(e), 28,31,33 &34. Rr.29,31,33,35(1),35 (2),35(3) (b), 35□ (i), 35(4), 36,37,38,39,42,43,47,48 & 49.
Co-operative Election Commission S. 28B, R.35B, R.35C. and Circulars on pages 1153 to 1172	
Election of the President /Vice President/Officers. S. 25AB(1) (3) Proviso, Rr.38&43.	Maximum Borrowing Power of Societies S.58 & R.55.
Election Fee Rule 35E	Medical Aid R. 191

Eligibility to become Member. Ss.16&18.Rr.16,20&27. Refusal to admit a Member is appealable under Ss.83(i)© & 83 (2) (b). Rr.124,124A&125.	Member Ss.2□,2(m),16,16A,18,19,25 & 26., Rr.16, 18A, 20&23. Ensuring participation Sec 16A Right of members to get information Section 19B member participation Sec 19A. Ensuring participation of members R. 18A
Employment Assistance in Dying in Harness. R.188A & Circular No. 26/89 on page 1113	Member Relief Fund Rule 53A
Enquiry by Registrar. Ss. 65,66,67&R.66	Name of society Section 9A
Establishment Matters. S.80&Rr.182to182B	No. Confidence Motion Sec 28AB(2), R 43A
Execution of Orders S.76&Rr.72 to 81.Appealable under S.83(1) (h),83(2),Rr.124,124A&125.	Offences, Penalties & Prohibitions. Ss. 94 & 95. R.50.
Expulsion & Removal of Members. Sec:17 and R16(3) and 16(14).	Offences and Penalties & Secretaries. R 33(2) 47 and R 64 (6) proviso
Final Authority of a Society Ss. 27 & 29.	Ombudsman Sec 69A Circular 37/2011 on page 860
Funds of Society. Ss. 55,57. Rr. 53,54,60&61.	Pension S. 80A. & Pension Scheme from Page 779 to 852
Gahan S.36A & R 51A, Notn. On Page 1064 to 1066	Power of the Registrar to issue directions 66A
General Body meeting Sec.29&Rule 8A	Power of Rescind Resolution. R. 176.
Gratuity. S.62.R.59. Clarification of Govt. No. 367/CC3/86/Co-op. (C) Dept. Dt. 14-5-86 & Circular No. 5/2016 at page 1486.	Power of the the Government to exempt societies. S.101.&R.181.
Identity Cards. Rr. 16A, 16B, 16C & 16D. and Rule 35A(4)	Probation, R.184. Prohibition on Admission of Members. Rr. 26 & 28. Prohibition of Employees. Rr. 194 & 195.
Interlocutory Orders by Tribunal S.86	Promotions. Rr.185,200,201 & Circulars from page 1125 to 1140
Provident Fund S. 61 & R. 58	Service Book R.197.
Qualifications Ss. 80 (3). R. 186. & Circular No. 54/82 on page 1128	Service of Notice S. 104
Quorum of Committee Meeting s. 28 (5).	Special Gen: Body, Representative Gen: Body etc S.30.R.36.S.27(2).R.34.&R.8.
Registrar Ss.2(p),3&Motifications regarding Delegation of powers from pag 9496 to 955 Power of registrar to give directions S. 66A	Staff Pattern S.80.(2).R.188 & Appendix III on Page 663
Registrar to be a Civil Court S.77 Remuneration payable to administrators R. 40 Circular 20/2001 on page 1083	Subsistence Allowances. R.198(6) See details from Page 1421 to 1432
	Supersession of Committee. S.32
	Supervision & Inspection Ss.66,67,R.66
	Surcharge Ss.68,67 & R.74 Appealable under S. 83 (1)(e),Rr,124,124A&125.

Responsibilities of president & Committee. Rr.38 (2), 38 (4), 38 (6), 47 (b), 47(c) & 47 (d).	T.A., D.A., Sitting Fees & Remuneration of the Committee Members. S.28(4), Rr. 48&49. Circular 39/14 & 49/14 at page 1067 & 1070
Restrictions of Grant of Loan. S.59 R.56 & Notifications in previous 11 th edition	T.A. & Other Allowances. R.199 Orders at page 1081
Restrictions of Members. Ss.18(2),19,22, 23, 24,55,100 & 107. Rr.22, 26, 27, 28, 35(3) (0) & 45.	Term of the Committee S.28(1). Rr 39 & 46. To set aside sale on deposit R.82.
Review by Tribunal S.85. Details of fee R123(1)B Review to file within 90 days S.85(2).	To set aside sale on the ground of irregularly R.83.
Right f Members Ss.18 (3), 20, 27, 28, 29, 39 (1), 65 (2) (b), 97 &102. Rr.16A, 16B, 16C, 16D, 19, 24, 25, 35 (3) (c) (i) & 35 (3) (m).	To take possession Records etc. S.34 Transaction with Non-Members S.60&R.57 Tribunal sittings on page 969
Rights & Privileges of Societies. Ss. 37,39,40,41,53,103,105,110 Rr. 32,52,65(3) & Notifications in previous 11 th edition Publication of name Sec 9A partnership Sec. 14B	Tribunal & Registrar have certain powers of Civil Court. Ss.7&98 Type of Societies R.15
Savings Clause. R.200	Vote of Members Ss.20&21. Rr.19,26(2),28,35(3)(m)&35(3)(0).
Security to be furnished by Employees. R.192.orders on page 1116	Writing off Bad Debts R62

STANDARDS FOR DIFFERENT CLASSES AND DESIGNATIONS OF MILK AND MILK PRODUCTS UNDER FOOD SAFETY AND STANDARD ACT 2006

Class of Milk	Designation	Locality	Minimum %	
			FAT	SNF
A. MILK				
Standardised Milk	Raw, Pasteurised, Boiled	All India	4.5	8.5
Recombined Milk	-do-	All India	3.0	8.5
Toned Milk	-do-	All India	3.0	8.5
Double toned Milk	-do-	All India	1.5	9.0
Skimmed Milk	-do-	All India	0.5*	8.7
Cow Milk	-do-	Kerala	3.2	8.3
Buffalo Milk	-do-	Kerala	5.0	9.0
Goat Milk	-do-	Kerala	3.5	9.0

* not more than

B. PRODUCTS

Cream	Milk fat 25% minimum
Curd	Fat & S.N.F as the milk from which it is prepared.
Channa	Moisture 70% max. Fat 50% of dry matter minimum
Skim milk channa	Moisture 70% max. Fat 13% of dry matter minimum
Cheese (Hard)	Moisture 43% max. Fat 42% of D.M. Stabiliser/emulsifier/Nisin 0.1%
Processed Cheese	Moisture 47% max.Fat 40% of D.M mini. Salt 3% max. Stabiliser/Emulsifier 4% Sorbic Acid 0.1 or Nisin 0.1%

Ice Cream	Milk Fat 10% min. (8% min. If contains fruit & nuts) Protein 3.5% min T.S 36% min. Stabiliser/emlsi T.S 36% min Emulsifier/Stabiliser 0.5% max
Milk ices/Lollies	Milk Fat 2% max. Protein 3.5% min. T.S. 20% min. Stabiliser/emulsifier 0.5% max.
Condensed Milk Unsweetened	Fat 8% min.
Evaporated Milk Condensed Milk Sweetened	Total Milk Solids 26% min. Fat 9% min. Total Milk Solids 31% min. Cane Sugar 40% min.
Condensed Skimmed Milk Unsweetened	Total Milk Solids 20% min.
Evaporated Skimmed Milk Condensed Skimmed Milk Sweetened	Milk Fat not more than 0.5% by weight. Total milk solids 26% min. cane sugar 40% min. Milk fat not more than 0.5% by weight
Whole Milk Powder	Fat 26%, acidity 1.2%, L.A. Max., solubility 98.5%(Spray) 85%(Roller), S.Index 2.0ml(Spray)&15.0ml(roller). Moisture 5% max.BHA 0.01%. Coliform 90/gm. S.P.C. 50000g Sod. Citrate 0.3%
Skimmed Milk Powder	Milk Fat 1.5% max. Moisture 5% max. Acidity 1.5% max. Sod. Citrate 0.3% S.P.C 50000/ gm Coliform 90/gm
Solubility percent	Roller dried : 85 Spray Dried : 98.5
Solubility Index	-do- : 15.0ml -do- : 2.0ml
Partially Skimmed Milk Powder	Moisture 5% max. Fat between 1.6 and 24%. Acidity 1.5% L.A. max. Sod. Citrate 0.3% B.H.A 0.01%
Solubility percent	Roller dried : 85 Spray Dried 98.5
Solubility Index	-do- 15.0ml -do- 2.0ml
Khoa	Moisture 28% max. Fat 20% min.
Table Butter	Milk Fat 80% min. Salt 3% max. Curd 1.5% min. Diacetyl 4 ppm max.
Deshi Butter (cooking)	Fat 76% min.
Ghee	Butyro-refractometer 40 to 43 reading at 40oC. Minimum reichert value 28.0% of free fatty acids as 3.0 oleic acid (max. limit). % of moisture(max. limit) 0.5.
Infant Milk Food	Moisture 5% max. Fat 18%(min). 28%(max). Total Carbohydrates 35%(min) Milk Protiens 20%(min). Ash 8.5%(max) S.P.C 50000/gm. S.I. 2.0ml (Spray).
Soy-whey Food	Fat 12%. Protein 23%, Carbohydrate 50.5%, Ash 5.0%, Moisture 1.5% fortification with vitamins & iron.
Coffee Complete	Instant coffee 7.2% S.N.F. 20.0%, Sugar 39.0%, Water 25.0%, Total solids 75.0%. Milk fat 8.5%.
Tea Complete	Fat 13%. S.N.F 31.5%, Sugar 39.5%, Tea solids 14.0% Moisture 2.0%

MICROBIOLOGICAL STANDARDS FOR MILK

	Bacteriological Quality/Grade				
	Very Good	Good	Fair	Poor	Very Poor
Direct microscopic Count(DMC) Count per ml.	—	<500000	500001- 4000000	4000001 - 20000000	>20000000
Standard Plate Count (SPC) Count per ml.	<2,00,000	2,00,001- 1,00,000	1,00,001- 5,00,000	>5,00,000	—
Methylene Blue Reduction Time	5 and above	3 and 4	1 and 2	½ and below	

DEPARTMENT OF SOIL SURVEY & SOIL CONSERVATION

The Department of Soil Survey & Soil Conservation functions for the cause of conservation and management of the soil and water resources of the state. The mandate of the Department is to preserve /restore /revitalize the soil health through the conservation of the two natural resources, Soil and Water for sustainable agricultural production and eco-restoration. The major thrust areas include undertaking comprehensive soil survey to generate a sound soil resource database for land use planning & execution of various developmental programmes consistent with soil and land characters of the locality, planning and implementing various soil and water conservation and management programmes in the State for ground water recharge, enhancement of agricultural production and safer environment. The Department is implementing various State/Central Sector schemes on Soil Survey & Soil and Water Conservation in all the districts

Vision

To create a soil information system at panchayat level, facilitating preparation of environmentally sustainable soil and land use plan that will help to increase the agricultural production to meet the increasing requirements of the state. Conservation of soil and water resources of the state for sustainable agricultural production and eco-restoration.

Mission

Acquire, classify, interpret and generate soil and land resource data facilitating enhancement of agricultural production through optimum use of the land according to its capability, through watershed development planning and adopting Soil Health Management Programme.

Plan, promote, coordinate and oversee the implementation of soil and water conservation programmes on watershed basis with an aim to conserve the valuable resource trinity - soil, water and biomass in a sustainable manner ensuring active participation of all stakeholders.

Functions

- Providing information support on the soil and land resources to all the stakeholders including local bodies for the formulation of local level, watershed level and regional level plans for the implementation of development programs for the optimum use of land resources.
- Technical support to watershedbased development programmes by identifying, delineating and prioritizing the watersheds for implementation of development programmes
- Analysis of soil samples which is essential to support the field observations and supplement data for sound interpretation and recommendation for soil resource management.
- To provide consultancy in all matters relating to soil and land development
- Conservation of fertile topsoil for enhanced production and productivity.
- In-situ conservation of rain water to mitigate droughts and moderate flood.
- Bring in improved and sustainable agricultural productivity in identified watershed area by adopting scientific soil and water conservation activities.
- Stabilisation of landslide prone areas of the state by adopting suitable vegetative and mechanical soil conservation interventions.
- Capacity building activities to sensitise the community to involve more creatively in the conservation and development of natural resources.
- Prevention of soil erosion and run off from the catchment with a view to prevent premature siltation of multipurpose reservoirs and also to reduce flood peaks and volume of runoff.
- Developing suitable strategies for rainfed farming through people's participation for potential development of watersheds and promotion of a farming system approach for augmenting the income of farming communities.

These activities are carried out through the district level, sub-district level and regional level offices of Soil Survey & Soil Conservation.

Major Schemes Implemented by the Department

a) Soil and Water Conservation on Watershed Basis-RIDF

The Department has been implementing infrastructure development projects under NABARD assisted RIDF with a view to create required infrastructure backup for land development for augmenting agricultural production. Watershed based projects and Projects for Drainage Protection and Flood Control are also taken up under this scheme. It is also proposed to carry out soil and

water conservation activities in Taliparamba constituency of Kannur district availing NIDA assistance of NABARD.

b) Detailed Soil Survey

The department is engaged in conducting soil and land resource inventory of the whole state at district, panchayat and watershed level through Detailed Soil Survey and generation of soil information system aiming at developing a sound soil resource database for evolving developmental programmes and recommendations for sustainable agriculture development.

c) Central Soil Health Card scheme

The Central Sector scheme "Soil Health Card" in Kerala State was being jointly implemented by the Dept. of Agriculture and Dept. of Soil Survey & Soil Conservation, with Dept. of Agriculture being the nodal agency. During the 1st cycle 2015-2017, the department generated and distributed 1.38 lakh Soil Health Cards to farmers in the state. During the 2nd cycle of the scheme - 2017-18 to 2018-19, 3.5 lakh Soil Health Cards and during the 3rd cycle (Modal village programme) 2019-20 to 2020-21, 3926 Soil Health Cards were generated for distribution to farmers.

d) Microlevel Information System on Soils of Kerala (MISSK)

Keeping in view of the importance of soil resource data at cadastral scale for the formulation of micro level plans under decentralized support system, the department has launched the Microlevel Information System on Soils of Kerala (MISSK). This involves generation of soil resource data at cadastral level on panchayat basis on a GIS based spatial model for delineating suitable sites for agriculture development along with a land resource action plan for the future development. It will provide plot wise comprehensive information about soil and land resources of an area for planners and best management practices to be adopted on agricultural lands by the farmers at their fingertips. The data so generated has been uploaded to the departmental website www.keralasoils.gov.in.

e) Laboratories

i. Analysis of Soil Samples

The seven Soil Analytical Laboratories and one Mobile soil testing lab under the Department are functioning with the mandate of undertaking detailed chemical analysis of soil samples collected during the course of Soil Survey for soil classification, soil survey interpretation, soil fertility analysis and soil and crop management.

ii. Consultancy Services

The department is providing services to the stakeholders by way of supplying information on the soil and land resources of an area as per requirement of the agencies, undertaking soil analysis for the various parameters as per the request of the user and supplying maps of the area of interest of the user agency on realizing nominal user fee.

iii. Mobile Application on Mannu (MAM)

A well organized nutrient management plan assists the farmers to know the nutrient status of their soil in the proper choice and use of organic manures and fertilizers. The Department of Soil Survey and Soil Conservation developed a mobile application titled "Mobile Application on Mannu" (MAM) on a pilot basis for Varavur panchayat in Thrissur district which was launched by the Hon'ble Chief Minister on 5th December 2017 as part of World Soil Day celebrations. The app can guide the farmer with a crop wise fertilizer recommendation system based on the site specific soil nutrient status.

f) State Soil Museum

The state soil museum inaugurated and opened to the public on 01.01.2014 is a state-of-the-art venture which is first of its kind in the whole country, situated in the first and second floor of the Central Soil Analytical Laboratory Building at Parottukonam near Thiruvananthapuram. The museum showcases the diversity and uniqueness of the precious non-renewable resource, namely, soil of the state of Kerala and acts as a repository of comprehensive information about soils and agricultural activities of the State.

g) Creation of data bank for classification of land

The project on 'Creation of data bank for classification of land' envisages categorization of land based on the 22 fold classification of land use evolved by the National Remote Sensing Agency (NRSA) with the intension to develop a database with special emphasis on soils for the whole state using GIS and Remote Sensing technology.

h) IIRS course

The Department of Soil Survey & Soil Conservation in association with the Indian Institute of Remote Sensing, Dehradun and Indian Space Research Organisation, Department of Space, Government of India is conducting EDUSAT based courses, on use of geospatial technology, on Distant Education mode, free of cost. The Department had conducted 30 courses so far on Basics of Remote Sensing, Geographic Information System & Global Positioning System and "Advances in GIS".

i) Stabilisation of Landslide Areas

Department has been implementing scientific soil and water conservation/management projects for the reclamation of the landslide prone/landslide ecosystems with a view to stabilize the area and restore the degraded ecosystem.

j) Protection of Catchment of Reservoir of Water Supply Scheme

With a view of preventing soil erosion and protecting the reservoirs from siltation, the department is undertaking projects to protect the catchment of reservoirs of drinking water supply schemes in Aruvikkara, Sasthamkotta and Peruvannamoozhi.

k) Revival of traditional water bodies

The Department is also implementing a scheme for the revival and development of the traditional water bodies, springs and various drainage courses for augmentation of ground water potential and mitigating the severity of drought faced by the agricultural sector. Under this project, activities for revival of traditional water bodies, thalakulams, springs etc with the objective of harvesting maximum rain water for agricultural and domestic purposes are being taken up. The treatment of various drainage courses, tributaries/ rivulets of major rivers, areas requiring special treatments like critical/ semi critical blocks with respect to status of ground water potential etc is also carried out by adopting scientific soil and water conservation methods.

l) Development of micro watersheds

In the post flood/post landslide scenario in most of the districts the conservation of soil and moisture has assumed great importance. The state needs to work towards mitigating and containing the ill-effects of soil erosion and work in a coordinated manner towards conservation of soil and water resources. At the same time we need to work towards building productive and sustainable enterprises through micro watershed development. Hence a new scheme viz. Development of Micro watersheds was sanctioned to the Department for undertaking microwatershed based development through soil and water conservation activities in Taliparamba constituency of Kannur district and Kattakada constituency of Thiruvananthapuram district.

m) Project for Conservation of 3 Ramsar sites of Kerala viz Vembanad-Kol, Sasthamkotta Freshwater lake &Ashtamudi estuary through State Wetland Authority Kerala (SWAK)

The Department has been designated as the nodal implementing agency for the conservation of catchments of three Ramsar sites of Kerala viz Vembanad-Kol, Sasthamkotta Freshwater lake &Ashtamudi estuary and has signed MOU with the State Wetland Authority –Kerala (SWAK) for an amount of Rs.110.5 lakh for the Constitution of Catchment Conservation Committee, Preparation of Catchment Management Plan, Stake holder Consultation & Implementation of Vegetative measures in the three Ramsar sites.

n) Rebuild Kerala Initiative (RKI) Schemes

The Department of Soil Survey & Soil Conservation had proposed a project for Eco-restoration of 58000 hectare of worst affected by floods of 2018 in the State at an estimated cost of Rs.320 crore through eco-friendly conservation measures under Rebuild Kerala Initiative (RKI). As the first phase of this, Administrative Sanction has been received for the for the implementation of the project viz. “Eco-restoration of Flood/Landslide Affected Areas in the State through Soil and Water Conservation Measures” at an estimated cost of Rs.60.94 crore by sourcing requisite funds from the Development Policy Loan, with a three-year phasing.

o) Irrigation Infrastructure Development Programme to augment Cool Season Vegetable and Temperate fruit Production in Kanthalloor and Vattavadampanchayatsof Idukki district

The Department in collaboration with State Horticulture Mission is implementing schemes to improve the irrigation infrastructure facilities in Kanthalloor and Vattavadampanchayats of Idukki district to augment cool season fruit and vegetable production.

p) Projects under Rashtriya Krishi Vikas Yojana (RKVY) and Pradhan Manthri Krishi SinchayeeYogana (PMKSY)

The Department is implementing projects under RKVY aimed at Drainage and Flood protection scheme in KapalliNedumkandipadasekharam of Kozhikode district. Projects are also being implemented under the PDMC component of PMKSY in various districts.

q) Comprehensive project for drought/flood mitigation in Wayanad District

Under the flagship programme of the Hariitha Keralam Mission, the Department is implementing a Comprehensive project for drought/flood mitigation in Mullankolly, Pulpally&Poothadi Panchayats of Wayanad District with the integration of agriculture and allied departments. The project aims to mitigate the water scarcity and flood experienced in the Mullankolly – Pulpally panchayats.

r) Training to officers through Departmental training centre IWDMK, Chadayamangalam

The training and extension centre of the Department viz. Institute for Watershed Development and Management, Kerala (IWDM-K) at Chadayamangalam imparts the required know-how in the field of Integrated Watershed Management and the principles &

practices of integrated scientific soil and water conservation treatments to various target groups including selected people's representatives of the local selfgovernment. Besides, Centre been designated as the Programme Study Centre (PSC) of IGNOU. Apart from the regular schemes, the department has also been extending its full technical support for implementing various LSGD programmes, TRDM projects, SCP schemes and WGDP projects in the state. All the activities carried out by the Department are in line with the objectives of Haritha Keralam Mission.

INSTITUTIONS UNDER THE DEPARTMENT OF SOIL SURVEY & SOIL CONSERVATION

1. Institute of Watershed Development and Management Kerala Chadayamangalam, (IWDM-K)

IWDM-K started functioning during 2011 with the prime objective of enhancing watershed literacy to LSGD elected representatives, farmers, development department officials and school and college students and stakeholder of Harithakeralam Mission. This Institute has a full-fledged residential training campus with its own building located at Chadayamangalam in Kollam district. The Institute has been recognized as a Programme Study Centre (PSC) for the conduct of the One year Diploma in Watershed Management (DWM) offered by IGNOU in collaboration with DoLR and six months certificate course on Water harvesting and Management of IGNOU.

2. Geomatics Lab, Headquarters

A well equipped Geomatics Lab, with all sophisticated equipments and modern up-to-date GIS softwares, providing the paraphernalia for the generation of an accurate and efficient digital soil information system is functioning at the Headquarters. The lab also imparts training in GIS to development department officials on request and is the study centre for the EDUSAT courses on GIS & Remote Sensing of IIRS, Dehradun .

3. State Soil Museum

State Soil Museum, a documentation and reference centre on the Soils of Kerala aimed to provide an overview on the heterogeneous soils of the state is functioning at Parottukonam, Thiruvananthapuram. The museum displays a cross section of all the Benchmark Soils identified in the state along with the description on its occurrence, distribution, identifying characteristics, unique features etc., rock and mineral samples, watershed model, and models of Soil and water Conservation measures practiced in the state. The museum also include a Soil Information centre, a repository of information on soils and a Mini theatre for screening short films on soils and soil and water conservation

4. Soil Analytical Laboratories

5. Regional Offices

6. District Offices

TABLE-I

CLASSIFICATION OF AREA ON THE BASIS OF LAND UTILISATION 2018-19

Sl. No	District	Total Geographical area	Forest	Land put to non agricultural use	Barren & uncultivable land	Permanent pastures & other	Land under misc. tree crops	Cultivable waste	Fallow other than current fallow	Current fallow	Marshy Land	Still Water	Water Logged Area	Social Forestry	Net area sown	Area sown more than once	Area in Hectares		
																	17	18	
1	2																		
	Thiruvananthapuram	218781	49861	32515.68	227.7	0	39.37	596.06	907.48	2759.65	1	2696	16	22	129139.09	30915.5			160054.585
	2	Kollam	248788	81438	28895.76	82.5	0	50.77	1533.07	2464.55	4.93	6938.66	939	94.97	123211.91	17049.05			140260.962
	3	Pathanamthitta	265277	155214	18947.66	138.7	0	94.02	2445.91	3076.18	0	2279.28	145	73.19	80415.92	24205.71			104621.633
	4	Alappuzha	141011	0	25271.13	3.84	0	95.43	2197.29	2550.11	0	12458	336	40	83601.7	28141.34			111743.039
	5	Kottayam	220442	8141	30048.32	1017	0	123.65	1801.87	4173.51	0	6360	159	112	162781.8	48131.8			210913.6
	6	Idukki	436328	198413	14494.47	1364	0	154.72	1921.34	1788.18	0	10560	0	1190	205291.27	60584.98			265876.253
	7	Eranakulam	305826	70617	46530.62	294.7	0	118.74	15730.86	7373.02	0	11171	290	106	146766.16	15327.26			162093.416
	8	Thirsur	302919	103619	40471.68	49.55	0	192.45	9811.81	7731.72	0	5035	318	147	130673.78	37346.47			168020.249
	9	Palakkad	447584	136257	48460.39	1498	0	531.91	19199.89	8838.38	0	15337		403.79	206139.42	66055.49			272194.91
	10	Malappuram	355446	103417	53164.76	699	0	150.63	5412.84	6289.95	0	6229	63	191	174931.21	61666.27			236597.484
	11	Kozhikode	234641	41386	34915.46	551.7	0	123.86	2320.18	2499.67	5	5405.85	551	37	145218.26	48676.41			193894.673
	12	Wayanad	212966	78787	11948.13	41.04	0	43.6	904.62	3066.56	0	4047.13	19.1	68.2	112975.92	54094.24			167070.163
	13	Kannur	297112	48734	40722.81	1155	0	201.57	5977.48	3107.25	2	6472.42	372	72.65	186766.2	33134.98			219901.18
	14	Kasaragod	199166	5625	27660.18	3158	0	197.16	8860.8	1744.86	0	4336.31	20	76	145718.03	12140.58			157868.61
	State	3886287	1081509	454047.05	10281	0	2117.88	96496.73	45540.9	57463.59	12.9	99325.65	3228	2633.8	2033630.67	537470.08			2571100.757

The estimates are based on survey conducted in the Revenue land (as per Village Records). Therefore the area under cultivation in forest land is not included

TABLE-2

AREA UNDER CROPS 2018-19

Sl. No.	District	Paddy				Total	Grains						Pulses			Total Food Grains			
		Autumn	Winter	Summer	Dry paddy		Cholam /Jowar	Ragi/Finger Millet	Maize	Small Millet (Thina/Chann)	Wheat	Other grains	Total Grains	Total Cereals/ Millets	Tur/Redgram		gram	Other Pulses	Total Pulses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Thiruvananthapuram	998.69	844.02	126.2	69.88	2088.79							0	2038.79	110.47	28.325	138.79	2177.58	
2	Kollam	354.14	1286.06	334.39	160.09	2134.68							0	2134.68	1.604	21.171	22.78	2157.46	
3	Pathanamthitta	24.46	417.67	2726.64	31.22	3199.99		0.081					0.081	3200.07	1.062		1.06	3201.13	
4	Alappuzha	11155.79	8606.23	18861.06	3650.31	42273.39							0	42273.39	23.4		23.40	42296.79	
5	Kotayam	5609.18	6785.03	9777.84	50.84	22222.89							0	22222.89	0		0.00	22222.89	
6	Idukki	90.48	557.57	28.08	12.17	688.30		73.2	18.303		1.4		92.903	781.20	0	72.72	72.72	853.92	
7	Ernakulam	1312.42	2946.08	743.1	42.54	5044.14							0	5044.14	0	35.46	35.46	5079.60	
8	Thirsur	1719.79	10336.37	9925.42	149.87	22131.45							0	22131.45	0		0.00	22131.45	
9	Palakkad	35103.43	39297.37	2541.88	178.63	77121.31	205	151.5	80.4	47.5			484.4	77605.71	266	297	663.60	78269.31	
10	Malappuram	265.13	5464.97	2475.59	133.94	8339.63			0.04				0.04	8339.67	0.344	12.95	13.29	8352.96	
11	Kozhikode	29.39	1518.59	626.82	154.29	2329.09							0	2329.09	0	3	3.00	2332.09	
12	Wayanad		7265.66	495.85		7761.51			5.502				5.502	7767.01	0	936	936.00	8703.01	
13	Kannur	2871.98	2261.75	6.67	190.51	5330.91							0	5330.91	441.02	105.37	546.39	5877.30	
14	Kasaragode	1183.58	862.1	188.74	56.63	2291.05							0	2291.05	12.16	20.83	32.99	2324.04	
	State Total	60718.46	88449.47	48858.28	4880.92	202907.13	205	225	104.33	48	1.4	0	582.9	203490.06	266	690.9	1532.83	2489.49	205979.54

(Table - 3 Contd.)

TABLE-2

AREA UNDER CROPS 2018-19

Sl. No.	District	Sugar Crops			Spices and Condiments										Grand Total			
		Sugar Cane	Palmyrah	Total	Pepper	Ginger	Turneric	Cardamum *	Areca nut	Tamand	Vanilla	Cloves	Nutmeg	Cinnamon		Garlic	Others	Total
1	2	3	4	5	6	7	8	9									17	18
1	Thiruvananthapuram		25.38	25.380	2003.4	72.12	64.8		901.14	668.52	0.81	11.84	85.25	0.04	8.34		3816.26	3841.64
2	Kollam		16	16.000	2870.15	327.42	283.13		1619.84	399.04	0	9.62	79.53	0	47		5635.73	5651.73
3	Pathanamthitta	10.198	53.17	63.368	1593.19	280.72	103.22	664	987.66	204.88	0.83	8.25	554.81	1.35	98.14		4497.05	4560.42
4	Alappuzha	29.000	11.35	40.350	609.1	55.25	39.27		1370.32	520.59	0	1.13	304.05	5.84	464.01		3369.56	3409.91
5	Kottayam	15.430	162.64	178.070	304.99	115.71	108.52	86	1391.97	415.81	13.04	79.87	2649.88	5.91	158.73		8040.43	8218.50
6	Idukki	888.000	146.84	1034.840	43103.78	489.21	188.02	30968	1784.24	335.93	16.03	674.66	3652.14	23.88	94.69		81400.19	82453.03
7	Ernakulam	0.008	120.82	120.828	1843.53	77.55	217.9		4107.73	557.49	0.5	4.42	6671.32	5.82	120.82		13607.08	13727.91
8	Thissur		102.29	102.290	1741.71	43.01	77.76		5643.66	1197.03	0.19	3.93	6896.96	25.81	185.83		15815.89	15918.18
9	Palakkad	66.603	825.15	891.753	2653.7	193.12	474.86	2754	7960.69	3014.59	1.22	7.3	365.88	1.59	21.72		17448.67	18340.42
10	Malappuram	0.121	220.36	220.481	2368.33	31.9	292.63	70	17955.92	1327.72	0.37	4.33	469.34	7.71	44.82		22573.07	22793.55
11	Kozhikode		100.59	100.590	3590.41	59.21	292.78	220	10037.84	619.43	1.71	29.8	582.34	18.71	29.31		15481.54	15582.13
12	Wayanad		62.48	62.480	9939.49	1456.17	147.22	4120	11852.21	68.7	2.13	19.68	112.53	3.18	36.97		27758.28	27820.76
13	Kannur	2.520	12.98	15.500	4341.42	51.34	161.38		9362.01	445.8	11.18	17.42	209.95	7.75	49.12		14657.37	14678.87
14	Kasaragode		25.55	25.550	3088.21	22.36	32.22		20764.06	208.89	1.58	9.67	136.69	0.17	8.99		24272.84	24298.39
	State Total	1011.88	1885.6	2897.48	82761.4	3275.09	2483.7	38882	95739.29	9984.42	49.59	881.92	22770.67	107.76	69.61		258373.96	261271.44

Source:-

* Spices Board

(Table - 3 Contd.....)

TABLE-2
AREA UNDER CROPS 2018-19

Sl. No.	District	(Area in Ha)													
		Fresh Fruits	Mango	Banana	Plantain	Pineapple	Pappaya	Orange	Lemon(Big)	Lemon (Small)	Other Fresh Fruits	Total	Dry Fruit	Total Fruits	
		Jack										Cashew			
1	2	3	4	5	6	7	8					9	10	11	12
1	Thiruvananthapuram	6520.74	4827.62	3113.97	7748.81	94.2	1778.21	0.05	20.82	23.13	505.51	839.01	24633.06	839.01	25472.07
2	Kollam	6016.95	5090.31	3455.49	5845.56	95.25	1415.83	0.00	22.00	27.00	487.00	1671	22425.39	1671	24096.39
3	Pathanamthitta	3058.53	2025.2	2215.24	2182.39	192.59	803.05	0	19.36	19.22	885.59	411.7	11391.17	411.7	11802.87
4	Aappuzha	2825.02	4510.31	318.45	2120.02	57.74	1084.17	0.05	18.99	24.89	653.62	1617.02	11613.26	1617.02	13230.28
5	Kottayam	4065.22	3022.56	3252.49	2848.39	1586.84	1282.79	1	31.61	45.21	793.99	345.34	16930.1	345.34	17275.44
6	Idukki	16732.68	5450.8	3319.8	3768.1	1302.33	917.09	215.21	94.46	142.3	1193.12	944.56	33135.89	944.56	34080.45
7	Ernakulam	3797.46	4268.29	4980.62	4651.69	5375.62	1236.93	0.03	22.22	27.77	1044.63	394.87	25405.26	394.87	25800.13
8	Thrissur	5166.54	7037.06	1702.14	5049.56	65.98	1348.57	0	21.15	24.44	1188.91	1296.37	21604.35	1296.37	22900.72
9	Palakkad	6668.98	10067.5	11997.72	7658.46	50.62	1460.03	0.04	75.53	73.79	1214.57	1130.28	39267.24	1130.28	40397.52
10	Malappuram	8183.35	7696.68	5683.18	4428.8	39.73	2303.09	0.05	47.97	62.64	1394.48	1635.3	29839.97	1635.3	31475.27
11	Kozhikode	9331.78	8541.72	1454.63	3519.03	113.92	1926.39	0.03	15.22	28.26	793.99	1542.24	25724.97	1542.24	27267.21
12	Wayanad	6916.1	4637.27	8860.98	1142.65	23.81	366.99	34.08	33.52	36.08	260.05	469.29	22311.53	469.29	22780.82
13	Kannur	8619.18	8164.44	1885.78	2950.3	100.31	1785.34	0.03	91.7	56.01	904.79	19242.93	24557.88	19242.93	43800.81
14	Kasaragode	3005.57	2815.12	658.12	2297.53	53.61	874.85	0.04	21.28	26.66	689.14	7240.75	10441.72	7240.75	17682.47
	State Total	90907.9	78154.88	52898.61	56211.29	9152.55	18583.33	250.61	535.83	617.4	11969.39	38780.66	319281.79	38780.66	358062.45

TABLE-2

AREA UNDER CROPS 2018-19

Sl. No.	District	Tapioca			Total	Tubers						Total	
		Autumn	Winter	Summer		Elephant Foot Yam	Colocasia	Yam (Kachil)	Sweet Potato	Koorka	Nanakizhangu		Other Tubers
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	3306.06	3495.3	6236.47	13037.83	313.1	486.75	46.67	11.94	40.96	24.35	99.48	983.25
2	Kollam	2832.59	4383.51	5693.53	12909.63	1005.86	1268.41	414.89	2.09	51.76	56.59	59.42	2809.02
3	Pathanamthitta	684.34	1457.58	2540.51	4682.43	993.07	1128.6	397.32	1.53	1.78	59.01	1.77	2583.08
4	Alappuzha	204.84	552.63	1098.24	1855.71	473.79	580.19	135.02	4.38	2.25	33.91	0.16	1229.7
5	Kottayam	788.35	2207.69	2964.31	5960.35	400.29	395.14	72.63	0.23	0.53	4.18	0	873
6	Idukki	1141.91	2158.48	2661.86	5962.25	552.57	567.02	162.03	4.5	22.84	2.89	10.07	1321.92
7	Ernakulam	999.74	989.45	3032.91	5022.1	214.37	184.43	19.82	3.17	38.61	2.07	0.75	463.22
8	Thrissur	221.2	222.03	533.03	976.26	46.3	140.12	6.39	2.26	167.06	0.06	22.21	384.4
9	Palakkad	437.88	482.46	804.81	1725.15	588.51	378.47	21.63	51.22	648.37	16.42	134.99	1839.61
10	Malappuram	1118.64	1076.6	2743.1	4938.34	497.78	428.98	47.67	44.62	33.99	11.16	68.36	1132.56
11	Kozhikode	221.58	422.46	716	1360.04	185.47	454.95	26.25	10.59	4.8	3.38	56.6	742.04
12	Wayanad	191.8	231.08	800.4	1223.28	737.55	160	48.25	2.8	1.53	0.04	0.3	950.47
13	Kannur	226.77	595.61	978.3	1800.68	116.17	322.78	16.43	19.92	4.52	1.32	53.37	534.51
14	Kasaragode	59.05	216.65	144.41	420.11	32.71	81.32	6.53	51.16	1.51	0	0.81	174.04
State Total		12434.75	18491.53	30947.88	61874.16	6157.54	6577.16	1421.53	210.41	930.51	215.38	508.29	16020.82

(Table - 3 Contd.....)

TABLE-2

AREA UNDER CROPS 2018-19

(Area in Ha)

Vegetables

Sl. No.	District	Drumstick	Amaranthus	Bitter Gourd	Snake Gourd	Ladies Finger	Brinjal	Green Chillies	Bottle Gourd	Little Gourd (Kkayal)	Ash Gourd (Kumbalam)	Pumpkin	Cucumber	Cowpea
1	2	15	16	17	18	19	20	21	22	23	24	25	26	27
1	Thiruvananthapuram	2057.73	237.63	81.47	101.81	82.6	80.48	172.19	0.58	61.92	2.92	14.54	135.92	254.62
2	Kollam	1498.08	188.33	126.04	52.45	85.09	120.49	188.4	12.44	153.65	45.64	55.8	20.58	254.11
3	Pathanamthitta	509.97	84.94	102.6	71.09	66.1	88.01	53.79	0.34	139.17	55.36	50.86	31.48	204.64
4	Alappuzha	571.98	297.22	197.8	191.51	125.73	113.19	99.64	1.15	164.77	64.63	76.17	103.05	382.68
5	Kottayam	654.87	120.08	177.03	193.07	104.48	143	103.37	0.58	324.52	49.86	53.54	36.11	474.74
6	Idukki	591.89	80.96	466.03	26.36	52.76	95.11	117.89	0.12	111.59	39.83	70.26	14.39	564.57
7	Ernakulam	588.49	131.01	61.88	106.84	69.36	59.67	48.39	20.55	134.24	70.67	65.2	76.35	891.72
8	Thirsur	1154.43	89.12	108.67	50.32	80.62	66.34	125.98	2.65	61.03	57.61	58.76	35.9	406.88
9	Palakkad	2142.4	138.4	390.6	229.92	352.12	158.73	224.89	21.79	89.56	176.89	259.45	105.47	910.11
10	Malappuram	2499.87	107.5	74.93	50.12	95.89	34.29	49.07	135.05	64.42	154.48	317.75	186.47	708.85
11	Kozhikode	1544.17	111.58	75.24	21.87	47.1	23.71	117.43	6.19	42.81	46.49	52.2	95.14	162.25
12	Wayanad	411.58	57.18	252.24	7.3	10.54	33.37	60.19	2.22	20.69	46.96	109.91	13.99	261.23
13	Kannur	1752.17	212.27	95.07	23.41	87.02	73.21	112.65	1.52	117.05	94.2	80.42	203.82	231.48
14	Kasaragode	668.67	58.25	48.83	15.86	65.52	39.57	72.4	8.54	102.16	25.08	32.17	79.36	95.17
	State Total	16646.3	1914.47	2258.43	1141.93	1324.93	1129.17	1546.28	213.72	1587.58	930.62	1297.03	1138.03	5803.05

(Table - 3 Contd.)

TABLE-2

AREA UNDER CROPS 2018-19

Sl No.	District	Vegetables											Total	Total Food Crops
		Potato	carrot	Beetroot	cabbage	Tomato	cauliflower	Beans	Onion	Other Vegetables				
1	2	28	29	30	31	32	33	34	35	36	37	38		
1	Thiruvananthapuram		0	0	0.08	5.76	0.04	0.07	0.09	15.83	3306.28	48818.65		
2	Kollam		0	0	0.68	7.15	0.99	0	0	5.84	2815.76	50439.99		
3	Pathanamthitta		0	0	0.18	2.41	0.24	0	0	94.32	1555.5	28385.43		
4	Alappuzha		0	0	0.31	34.01	0.65	0.09	0	103.88	2528.46	64550.85		
5	Kottayam		0	0	2.78	9.88	1.94	0.17	0	121.87	2571.89	57122.07		
6	Idukki	536.9	990.59	1.59	141.56	44.23	1.2	1018.97	0.69	99.52	5067.01	129720.58		
7	Ernakulam		0	0.1	0.38	3.77	0.26	0.13	0	193.25	2522.26	52615.22		
8	Thrissur		0	0.02	0.99	6.59	0.87	0.03	0	41.76	2348.57	64659.58		
9	Palakkad		0	0.48	0.44	239.3	1.16	39.86	4.28	165.93	5651.78	146223.79		
10	Malappuram		0	0	0.05	3.38	0.21	0.07	0	492.98	4975.38	73668.07		
11	Kozhikode		0	0.07	0.48	6.19	0.6	0	0	30.23	2383.75	49667.26		
12	Wayanad		0.08	0.13	17.13	21.86	8.56	6.27	0.15	37.74	1379.32	62857.66		
13	Kannur		0	0	1.88	14.15	2.02	0	0	161.05	3263.39	69949.56		
14	Kasaragode		6.62	0	0.36	4	0.67	0	0	116.53	1439.76	46338.81		
	State Total	536.9	997.29	2.39	167.3	402.68	19.41	1065.66	5.21	1680.73	41809.11	945017.52		

(Table - 3 Contd.....)

AREA UNDER CROPS 2018-19

(Area in Ha)

Sl. No.	District	Non Food Crops										Plantation Crops				Grand Total	
		Oil Seeds					Fibre Drugs and Narcotics					Tea *	Coffee #	Rubber 4#	Cocoa		Total
		Groundnut	Sesamum	Coconut	Others	Total	Cotton	Betel Leaves	Tobacco	Lemon Grass	Total						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram		0.081	71157.95	42.64	71200.671		12.32		0.07	12.39	835.59		32200	60.44	33096.03	104309.09
2	Kollam		67.677	45473.19	66.81	45607.677		25.14		0	25.14	548.71		37270	8.45	37827.16	83459.98
3	Pathanamthitta		0.243	15815.74	39.34	15855.323		35.88		0	35.88			50900	318.59	51218.59	67109.79
4	Alappuzha		216.199	33755.11	118.43	34089.739		25.86		0.2	26.06			4500	53.76	4553.76	38669.56
5	Kottayam			25513.92	64.28	25578.2		6.63		0	6.63			114440	875.17	115315.17	140900.00
6	Idukki		0.34	14513.61	34.71	14548.66		0.07		101.24	101.31	25588.03	12717	40600	9342.01	88247.04	102897.01
7	Ernakulam		4.288	39275.29	92.46	39372.038		2.58		0.02	2.6			60170	1073.53	61243.53	100618.17
8	Thirissur		8.699	79765.86	235.53	80010.089		3.29		0	3.29	529.76		15660	43.07	16232.83	96246.21
9	Palakkad	187.3	15.397	55501.52	963.06	56667.271	594	1.06		0.1	60.56	777.89	4833	37870	152.65	43633.54	100361.38
10	Malappuram		63.849	104684.71	118.43	104866.989		102.08		0.04	102.12			42775	78.04	42853.04	147822.15
11	Kozhikode		0.413	115706.18	61.72	115768.313		6.77		0	6.77			21930	806.54	22736.54	138511.62
12	Wayanad		0.121	10121.33	13.55	10135.001		0.86		4.12	4.98	8193.95	67426	10800	4208	86840.75	96980.73
13	Kannur		0.35	83663.46	90.65	83754.46		5.41		0.43	5.84			48080	376.61	48456.61	132216.91
14	Kasaragode			65998.94	53.72	66052.66		13.04	7.28	0	20.32			33920	281.45	34201.45	100274.43
	State Total	187.3	377.657	760946.81	1995.33	763507.1	59.4	240.99	7.28	106.2	413.89	36473.93	84976	551115	13891.11	686456.04	1450377.03

(Table - 3 Contd.)

Source:-

* Tea Board

** Coffee Board

Rubber Board provisional figures 2017-18

AREA UNDER CROPS 2018-19

Sl. No.	District	Non Food Crops						Page 44 Total	Total Non Food Crops	Total Cropped Area
		Fodder Grass	Green Manure Crops	Other Crops & Trees	Teak	Medicinal Plants				
1	2	3	4	5	6	7	8	9	10	
1	Thiruvananthapuram	118.32	479.8	5566.43	744.67	17.62	6926.84	111235.931	160054.59	
2	Kollam	177	900	3723	1547	14	6361	89820.977	140260.96	
3	Pathanamthitta	162.25	913.81	5650.27	2364.88	35.2	9126.41	76236.203	104621.63	
4	Alappuzha	166.16	709.94	6425.68	1205.3	15.55	8522.63	47192.19	111743.04	
5	Kottayam	345.08	537.99	8742.99	3233.86	31.61	12891.53	153791.53	210913.60	
6	Idukki	1439.37	1554.04	28764.7	1275.02	225.53	33258.66	136155.67	265876.25	
7	Ernakulam	406.01	559.13	6103.26	1775.86	15.77	8860.03	109478.20	162093.42	
8	Thrissur	125.99	1615.84	4096.7	1245.89	30.04	7114.46	103360.67	168020.25	
9	Palakkad	1677.92	3224.92	15706.68	4972.56	27.66	25609.74	125971.12	272194.91	
10	Malappuram	107.94	3949.85	7723.8	3271.41	54.27	15107.27	162929.42	236597.48	
11	Kozhikode	64.18	1451.14	3541.87	634.43	24.17	5715.79	144227.41	193894.67	
12	Wayanad	750.22	610.37	5491.83	287.19	92.16	7231.77	104212.50	167070.16	
13	Kannur	156.32	1087.45	13971.98	2491.87	27.09	17734.71	149951.62	219901.18	
14	Kasaragode	106.93	1906.53	8588.02	631.78	12.11	11245.37	111519.80	157858.61	
	State Total	5803.69	19500.81	124097.21	25681.72	622.78	175706.21	1626083.24	2571100.76	

TABLE -3

PRODUCTION OF IMPORTANT CROPS 2018-19

Sl. No.	District	Rice				Cholam /lower feed (Including cattle)	Ragi/Finger Millet (Koovaraku)	Maize	Small Millet (Thina/Chama)	Wheat	Tur/Redgram	gram	other pulses	(Sugar Cane)	Black Pepper	Cured Ginger	Cured Turmeric
		Autumn	Winter	Summer	Total												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram	2707	2157	303	5167							130.320	31.158	0.000	670.013	214	128
2	Kollam	807	2827	880	4514							0.622	11.992	0.000	860.837	855	520
3	Pathanamthitta	17	1128	10531	11676		0.140					0.496	0.000	68.021	505.582	1155	295
4	Alappuzha	1374	40183	87003	128560							11.500	0.000	153.700	116.730	132	64
5	Kottayam	936	26493	34488	61917							0.000	0.000	109.388	1214.543	380	290
6	Idukki	144	1349	69	1562		130.650	46.940	2.030				287.860	9776.880	23980.979	2370	672
7	Eranakulam	1713	7382	2096	11191								10.280	0.068	440.890	204	583
8	Thrissur	2090	28305	39059	69454							0.000	0.000	0.000	502.973	119	177
9	Palakkad	81688	125203	8394	215285	167.500	140.800	84.600	34.500	437.90	78.900	274.900	494.539	1095.317	742	1428	
10	Malappuram	456	16012	10516	26984			0.600			0.099	2.720	1.029	478.060	73	649	
11	Kozhikode	37	1789	1613	3439							3.000	0.000	953.456	193	812	
12	Wayanad		20955	1385	22340			12.100				594.400	0.000	3123.148	8400	369	
13	Kannur	7010	4121	12	11143							307.540	71.312	26.260	1428.848	202	609
14	Kasaragod	2964	1625	435	5024							16.134	28.791	0.000	1404.592	85	98
	State Total	101943	279529	196784	578256	167.500	271.450	144.380	34.500	2.030	437.90	545.611	1316.413	10629.885	36775.968	15124	6694

(Table-4 Contd.....)

TABLE - 3

PRODUCTION OF IMPORTANT CROPS 2018-19

Sl. No.	Name of district	Production in Tonnes													
		Processed * Cardamum	Arcanaut	Cowpea	Cloves(Dry)	Nutmeg	Garlic	Jack(Million nuts)	Banana	Plantain	Papaya	Raw Cashew	Tapioca	Drumstick	
1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	
1	Thiruvananthapuram	462	1903	0.916	38	21	27818.147	65560.783	207.031	475449.148	2506.315				
2	Kollam	1045	1783	1.203	30	20	25970.833	44018.474	6912.082	450759.454	1538.528				
3	Pathanamthitta	5	623	986	0.916	246	10	17322.444	19088.922	7049.976	209528.367	348.819			
4	Alappuzha	385	3328	1.13	102	2	1937.911	13212.688	8949.823	58912.438	386.087				
5	Kottayam	3	1081	2302	6.789	1591	14	29188.160	22279.665	6285.671	90.199	259500.917	457.099		
6	Idukki	11243	1395	3075	42.504	2187	345	61	29604.958	28524.192	5895.055	191.445	242395.074	572.95	
7	Eranakulam	3033	5036	1.768	5362	14	35128.826	37871.769	8289.905	99.464	201364.585	644.397			
8	Thrissur	4759	1925	0.656	4068	17	8203.624	34401.612	4776.635	398.254	41411.944	1305.66			
9	Palakkad	67	6346	5469	1.46	167	19	102811.983	50333.424	7684.138	210.040	55374.026	3877.744		
10	Malappuram	1	14521	4187	0.866	222	18	40493.548	24832.602	10882.100	257.091	176373.567	1474.923		
11	Kozhikode	1	8473	786	1.877	315	17	12981.503	15290.520	7651.621	298.892	36255.342	592.961		
12	Wayanad	215	3679	2298	0.846	25	13	74562.156	6337.955	3153.178	152.594	40549.188	159.281		
13	Kannur	9532	1758	1.585	112	22	17313.030	11512.412	11593.998	8568.560	64443.089	1373.701			
14	Kasaragod	44591	1010	0.88	133	12	5722.549	9637.031	5965.602	4286.607	12690.175	712.134			
	State Total	11535	99925	35846	63.396	14598	345	260	429059.672	383102.049	110547.764	15635.059	2325007.314	15950.599	
	*Spices Board													(Table-4 Contd.....)	

TABLE - 3

PRODUCTION OF IMPORTANT CROPS 2018-19

Sl. No.	Name of district	Production in Tonnes														
		Sweet potato	Bitter Gourd	Green Chillies	Potato	Ground nut	Sesamum	Cocunut(Million nuts)	Cotton(No. of bales of 170 Kg. each)	Betel Leaves	Tobacco	Tea *	Coffee **	Rubber #	Cocoa	Pineapple
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Thiruvananthapuram	131,340	568,318	153,249			0.033	491		426.055		50		31070	39,491	717.510
2	Kollam	22,990	826,912	170,314			56.879	319		946.927		170		37780	5,547	652.299
3	Pathanamthitta	18,360	494,737	51,961			0.098	94		797.28				53800	374,298	990.801
4	Alappuzha	47,085	575,461	90,573			67.483	192		1336.202				4500	71,116	427.178
5	Kottayam	2,530	853,504	90,655			0.000	124		166.733				110100	880,844	15155.713
6	Idukki	99,000	222,419	105,983	7381.3		0.130	59		3.103		46130	8365	39395	9509,046	13808.750
7	Eranakulam	38,040	429,339	43,019			0.736	174		128.098				60050	782,232	58571.596
8	Thrissur	15,820	734,550	114,768			13,789	496		55.927		880		15600	26,304	473.175
9	Palakkad	768,300	3,593,166	227,589		239.4	3,770	441	89.51	32.226		2050	2975	36400	173,642	285.962
10	Malappuram	535,440	425,239	45,046			14,473	912		3707.503				40040	33,643	215.712
11	Kozhikode	161,741	456,690	117,430			0.159	790		2393.259				22950	657,852	718.885
12	Wayanad	44,100	3314,497	60,190			0.046	56		28.038		11480	53336	7700	359,329	111.664
13	Kannur	220,016	721,947	111,524			0.156	501		268.782				49090	245,221	506.891
14	Kasaragod	955,004	486,073	68,563			0.000	650		823.617	11.65			32300	241,966	371.665
	State Total	3059,766	15702,852	1450,864	7381.3	239.4	157,752	5299	89.51	11113.75	11.65	60760	64676	540775	13400,531	93007.801

*Tea Board

**Coffee Board

Rubber Board

(Table-4 Contd.....)

TABLE - 4

ESTIMATED AREA AND PRODUCTION OF RICE - AUTUMN- 2018-19

Sl. No.	District	Area in hectare & Production in tonnes													
		High Yielding						Local Varieties						Total Production	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total			
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	955.5	2610.612			955.5	2610.612	43.2	96.225			43.19	96.225	998.69	2706.837
2	Kollam	0.38	0.817	352.63	805.229	353.01	806.046			1.13	1.242	1.13	1.242	354.14	807.288
3	Pathanamthitta	22.37	14.658			22.37	14.658	2.09	2.356			2.09	2.356	24.46	17.014
4	Alappuzha	10633.3	477.421	218.51	319.247	10851.8	796.668	1	1.888	303	575.188	304	577.076	11155.8	1373.744
5	Kottayam	5603.78	924.419	4.9	11.588	5608.68	936.007			0.5	0.364	0.5	0.364	5609.18	936.371
6	Idukki	89.79	143.12			89.79	143.12	0.69	0.441			0.69	0.441	90.48	143.561
7	Eranakulam	720.87	1117.761	239.22	263.471	960.09	1381.232			352.3	331.783	352.3	331.783	1312.42	1713.015
8	Thrissur	11.01	22.667	1708.32	2067.049	1719.33	2089.716			0.46	0.37	0.46	0.37	1719.79	2090.086
9	Palakkad	3164.9	8705.813	31885.5	72918.77	35050.4	81624.578	0.81	0.429	52.25	63.087	53.06	63.516	35103.4	81688.094
10	Malappuram	5.56	14.817	252.65	435.097	258.21	449.914	0.6		6.32	6.101	6.92	6.101	265.13	456.015
11	Kozhikode			21.69	29.644	21.69	29.644			7.7	7.591	7.7	7.591	29.39	37.235
12	Wayanad					0	0					0	0	0	0
13	Kannur			2746.4	6821.335	2746.4	6821.335			125.6	188.763	125.6	188.763	2871.98	7010.098
14	Kasaragod			1163.29	2929.696	1163.29	2929.696			20.29	34.289	20.29	34.289	1183.58	2963.985
	State	21207.4	14032.11	38593.1	86601.12	59800.5	100633.23	48.4	101.34	869.6	1208.78	918	1310.12	60718.46	101943.343

TABLE - 5

ESTIMATED AREA AND PRODUCTION OF RICE - WINTER 2018-19

Sl. No.	District	Area in hectare & Production in tonnes													
		High Yielding						Local Varieties						Total	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total		Area	Production
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	822.7	2103.777			822.7	2103.777	21.32	52.93			21.32	52.93	844.02	2156.707
2	Kollam	498.98	1294.802	357.65	787.546	856.63	2082.348	227.54	439.506	201.89	304.794	429.43	744.3	1286.06	2826.648
3	Pathanamthitta	407.88	1100.424			407.88	1100.424	9.79	27.628			9.79	27.628	417.67	1128.052
4	Alappuzha	8403.51	39988.668	55.63	65.658	8459.14	40054.326	7	12.233	140.09	116.817	147.09	129.05	8606.23	40183.376
5	Kottayam	6780.62	26476.722			6780.62	26476.722	4.41	16.707			4.41	16.707	6785.03	26493.429
6	Idukki	449.22	1095.25			449.22	1095.25	108.35	253.731			108.35	253.731	557.57	1348.981
7	Eranakulam	2936.29	7368.649	0.74		2937.03	7368.649	9.05	13.769			9.05	13.769	2946.08	7382.418
8	Thrissur	9017.7	28226.456	1255.8	2.883	10273.5	28229.339	60.86	73.676	2.02	1.517	62.88	75.193	10336.37	28304.532
9	Palakkad	38732.2	124209.66			38732.2	124209.66	565.21	992.773			565.21	992.773	39297.37	125202.431
10	Malappuram	3752.84	12471.313	569.98	1401.76	4322.82	13873.069	706.84	1356.866	435.31	781.953	1142.2	2138.82	5464.97	16011.888
11	Kozhikode	83.03	163.004	147.39	288.123	230.42	451.127	34.86	37.896	1253.3	1299.64	1288.2	1337.54	1518.59	1788.665
12	Wayanad	6439.08	19069.596			6439.08	19069.596	826.58	1885.303			826.58	1885.3	7265.66	20954.899
13	Kannur	1601.29	3320.684	2	1.48	1603.29	3322.164	655.53	798.443	2.93	0.654	658.46	799.097	2261.75	4121.261
14	Kasaragod	282.01	618.939			282.01	618.939	580.09	1006.362			580.09	1006.36	862.10	1625.301
	State	80207.3	267507.94	2389.2	2547.45	82596.5	270055.39	3817.43	6967.823	2035.6	2505.38	5853	9473.2	88449.47	279528.588

TABLE -6
ESTIMATED AREA AND PRODUCTION OF RICE - SUMMER 2018-19

Sl. No.	District	High Yielding								Local Varieties						Total	
		Irrigated		Unirrigated		Total		Irrigated		Unirrigated		Total		Area	Production		
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1	Thiruvananthapuram	123.57	297.334			123.57	297.334	2.63	5.189			2.63	5.189	126.20	302.523		
2	Kollam	334.09	879.677			334.09	879.677	0.3	0.594			0.3	0.594	334.39	880.271		
3	Pathanamthitta	2726.64	10530.761			2726.64	10530.761					0	0.000	2726.64	10530.761		
4	Alappuzha	18861.1	87002.825			18861.1	87002.825					0	0.000	18861.06	87002.825		
5	Kottayam	9777.68	34487.484			9777.68	34487.484	0.16	0.235			0.16	0.235	9777.84	34487.719		
6	Idukki	24.25	66.665			24.25	66.665	3.83	2.758			3.83	2.758	28.08	69.423		
7	Ermakulam	743.09	2096.216			743.09	2096.216	0.01	0.010			0.01	0.010	743.10	2096.226		
8	Thrissur	9922.6	39055.773			9922.6	39055.773	2.82	2.925			2.82	2.925	9925.42	39058.698		
8	Palakkad	2539.87	8388.436			2539.87	8388.436	2.01	5.843			2.01	5.843	2541.88	8394.279		
10	Malappuram	2470.12	10510.322	0.8	0.84	2470.88	10511.159	4.71	4.401			4.71	4.401	2475.59	10515.560		
11	Kozhikode	601.41	1587.949			601.41	1587.949	25.2	25.142	0.24	0	25.4	25.142	626.82	1613.091		
12	Wayanad	493.87	1385.236			493.87	1385.236	1.98	0.130			1.98	0.130	495.85	1385.366		
13	Kannur	6.67	12.348			6.67	12.348					0	0.000	6.67	12.348		
14	Kasaragod	159.55	379.906			159.55	379.906	29.2	55.034			29.2	55.034	188.74	434.940		
	State	48784.5	196680.93	0.8	0.84	48785.2	196681.77	72.8	102.261	0.24	0	73.1	102.261	48858.28	196784.030		

TABLE - 7
ESTIMATED PRODUCTIVITY 2018-19

Sl. No.	Name of district	Rice				Cholam /Jowar	Ragi	Maize	Small millet	Tur	Pulses	Sugarcane	Black Pepper	Cured Ginger	Cured Turmeric	Processed cardamom #
		Autumn	Winter	Summer	Total											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Thiruvananthapuram	2711	2556	2401	2624						2359		334	2973	1972	
2	Kollam	2279	2198	2632	2286						776		300	2611	1836	
3	Pathanamthitta	695	2701	3862	3685						934	6670	317	4113	2862	8
4	Alappuzha	123	4669	4613	3329						983	5300	192	2386	1620	
5	Kottayam	167	3905	3527	2793							7089	403	3285	2670	35
6	Idukki	1592	2419	2457	2310		641					11010	556	4845	3577	363
7	Eranakulam	1305	2506	2821	2237							8500	239	2631	2674	
8	Thrissur	1215	2738	3935	3160								289	2767	2279	
9	Palakkad	2327	3186	3302	2798	817	558		726	1647	1458	7425	413	3842	3008	24
10	Malappuram	1720	2930	4248	3288						577	8504	202	2274	2218	14
11	Kozhikode	1259	1178	2573	1581								266	3261	2775	5
12	Wayanad		2884	2793	2878								314	5769	2505	52
13	Kannur	2441	1822	1799	2168						1384	10421	329	3943	3773	
14	Kasaragod	2504	1885	2305	2248						2654		455	3799	3030	
	State Average	1679	3160	4028	2920	817	643	331	726	1647	1557	10505	444	4618	2695	297

Source:

Spices Board

TABLE - 7
ESTIMATED PRODUCTIVITY 2018-19

Sl. No.	Name of district	Productivity in Kg/Ha													
		Aracanut	cowpea	Clove (dry)	Nutmeg	Garlic	Jack (Nos.in million nuts	Bittergourd	Banana	Plantain	Pineapple	Pappaya	Raw cashew nuts	Tapioca	Sesamum
1	2	7	23	34	17	35	15	16	8	18	19	31	20	24	21
1	Thiruvananthapuram	512	7475	77	448		3220	6976	8933	8461	7617	8693	247	36467	407
2	Kollam	645	7016	125	380		3324	6561	7516	7530	6848	4882	272	34917	840
3	Pathanamthitta	630	4817	111	443		3270	4822	7820	8747	5145	8779	212	44748	387
4	Alappuzha	281	8697	1000	335		708	2909	6085	6232	7398	8255	205	31747	312
5	Kottayam	777	4848	85	600		3444	4821	8974	7822	9551	4900	261	43538	0
6	Idukki	782	5446	63	599	4956	3646	4769	8918	7570	10603	6428	203	40655	0
7	Ernakulam	738	5647	400	804		3687	6938	7053	8142	10896	6702	252	40096	172
8	Thrissur	843	4730	167	590		3290	6759	4820	6813	7171	3542	307	42419	1585
9	Palakkad	797	6009	200	457		2849	9199	8569	6572	5649	5263	186	32098	289
10	Malappuram	809	5907	200	473		2200	5675	7125	5607	5429	4725	157	35715	227
11	Kozhikode	844	4843	63	542		1822	6070	8924	4345	6310	3972	194	26658	385
12	Wayanad	310	8798	43	222		1880	13140	8415	5722	4690	8592	325	33148	380
13	Kannur	1018	7597	91	535		2552	7594	9181	3902	5053	6494	445	35788	0
14	Kasaragod	2148	10615	91	972		3993	9954	8695	4195	6933	6819	592	30207	0
	State Total	1044	6177	72	641	4956	2860	6953	8111	6815	10162	5949	403	37576	418

TABLE - 7
ESTIMATED PRODUCTIVITY 2018-19

Sl. No.	Name of district	Productivity in Kg/Ha													
		Sweet potato	Drumstick	Green chillies	Potato	Groundnut	Coconut (nuts/ha)	Soyabean	Cotton (1000 bales of 170Kg./Ha)	Betel leaves	Tobacco	Tea *	Coffee**	Rubber ##	Cocoa
1	2	33	29	30		42	11		43	9	40	26	27		14
1	Thiruvananthapuram	11000	1218	890			6900			34582		0		965	653
2	Kollam	11000	1027	904			7015			37666		0		1014	656
3	Pathanamthitta	12000	684	966			5943			22221				1057	1175
4	Alappuzha	10750	675	909			5688			51671				1000	1323
5	Kottayam	11000	698	877			4860			25148				962	1006
6	Idukki	22000	968	899	13748		4065			44329		0	0	970	1018
7	Eranakulam	12000	1095	889			4430			49650				998	729
8	Thrissur	7000	1131	911			6218			16999		0		996	611
9	Palakkad	15000	1810	1012		1278	7946		1507	30402			0	961	1138
10	Malappuram	12000	590	918			8712			36320				936	431
11	Kozhikode	15273	384	1000			6828			353509				1047	816
12	Wayanad	15750	387	1000			5533			32602		0	0	713	854
13	Kannur	11045	784	990			5988			49682				1021	651
14	Kasaragod	18667	1065	947			9849			63161	1600			952	860
State Total		14542	958	938	13748	1278	6964		1507	46117	1600	0	761	981	965

Source:

* Tea Board

** Coffee Board

Rubber Board

Table-8

NET AREA IRRIGATED (SOURCEWISE) 2018-19

Sl No	Districts	Unit-Hectare												
		Small stream (Thodu/Canal)		Pond		Well		Borewell/ Tubewell	Lift & Minor Irrigation	From River & Lake			Other sources	Grand Total
		Govt.	Private	Govt.	Private	Govt.	Private			Pump	Wheel	Other methods		
1	THIRUVANANTHAPURAM	3931.99	0	295.83	40.74	11.55	2790.43	92.21	0	3.19	0.08	3.27	451.82	7617.84
2	KOLLAM	1563.43	4.54	15.48	133.57	0	2476.72	5.19	14.05	0	5.95	5.95	1274.76	5493.69
3	PATHANAMTHITTA	3363.89	0	0	3.56	0.46	2334.03	1.6	136.42	141.66	56.78	198.44	3.63	6042.03
4	ALAPUZHA	3133.92	0.15	17.9	285.06	0	816.04	6982.68	0	6331.48	18020.77	24352.25	8.26	35596.26
5	KOTTAYAM	290.38	2.44	151.2	219.07	0	2325.97	28.11	54.37	297.1	0	13505.69	670.93	17545.26
6	IDUKKI	2153.93	0	6.95	20884.66	0	8851.7	6616.34	1.3	228.9	0	804.48	7478.5	47026.76
7	ERNAKULM	8187.91	0	124.76	1499.14	0	7879.4	241.42	3712.45	635.73	0	411.95	406.64	23099.4
8	THRISSUR	17255.7	0	16.28	3101.01	0	36260.61	1228.22	820.23	546.4	0	5362.34	2900.17	67490.96
9	PALAKKAD	3885.667	0	102.66	3230.62	5.3	10270.43	11963.85	825.63	5323.78	0	813.16	8823.22	80215.32
10	MALAPPURAM	2652.1	80.7	138.4	3850.73	23.04	13898.71	1741.21	497.82	1066.09	0	2955.97	569.23	27474
11	KOZHIKKODE	747.07	43.86	17.83	386.13	24.17	2765.61	54.32	0	52.65	0	32.44	460.41	4584.49
12	WAYANAD	0	0.31	510.4	91.87	0	102.75	5.96	188.89	132.72	0	0	12749.38	13782.28
13	KANNUR	687.23	104.5	1.32	739.71	7.98	7553.27	467.99	0	86.31	0	201.62	2663.91	12513.84
14	KASARAGOD	150.52	276.59	51.13	13460.06	248.17	25373.79	13380.26	0	2208.9	0	359.19	405.85	55914.46
	STATE	82974.74	513.09	1450.14	47925.93	320.67	123699.46	42809.36	6251.16	17054.91	0	42530.42	38866.71	404396.59

TABLE - 9

GROSS AREA UNDER IRRIGATION (CROP-WISE) 2018-19

Sl. No.	Sl. No	Districts	Paddy				Total	Vegetables	Coconut	Arecanut	Cloves	Nutmeg	Area in Hectares				Total
			Autumn	Winter	Summer								Banana	Betel leaves	Sugar cane	Other Crops	
1	2		3				5	6	7	8	9	11	12	13	14		
1	1	Thiruvananthapuram	998.69	844.02	126.20	1968.91	2116.13	3057.87	6.81	0.21	28.69	3113.97	12.32		2116.13	12421.04	
2	2	Kollam	0.38	726.52	334.39	1061.29	2390.75	281	5	3	55	2609	25		2390.75	8820.79	
3	3	Pathanamthitta	24.46	417.67	2726.64	3168.77	1023.38	793.88	3.44	8.25	554.81	1676.69	35.88	10.198	1687.38	8962.68	
4	4	Alappuzha	10634.3	8410.51	18861.06	37905.84	2231.71	6818.6	22.74	0.19	288.17	318.45	25.86	29	2231.71	49872.27	
5	5	Kottayam	5603.78	6785.03	9777.84	22166.65	1825.59	103.51	1.11	77.05	2097.98	1096.02	6.63	15.43	1911.59	29301.56	
6	6	Idukki	90.48	557.57	28.08	676.13	3614.91	710.94	121.76	5.62	1952.43	1551.4	0.07	888	37861.6	47382.88	
7	7	Eranakulam	720.87	2945.34	743.10	4409.31	2120.77	9452.51	1017.61	4.03	6643.67	4360.12	2.41	0.008	2120.77	30131.21	
8	8	Thrissur	11.01	9078.56	9925.42	19014.99	1069.75	40359.03	3729.49	1.67	6896.96	1593.27	3.29		1069.75	73738.20	
9	9	Palakkad	3165.71	39297.4	2541.88	45004.96	3763.46	22973.81	3357.7	0.98	343.46	11663.93	1	66.603	6517.46	93693.36	
10	10	Malappuram	6.16	4459.68	2474.83	6940.67	5684.59	16462.95	4199.75	0.3	306.56	4532.29	100.39	0.121	5754.59	43982.21	
11	11	Kozhikode		117.89	626.58	744.47	1062.14	2538.27	329.7	0.93	471.33	1428.85	4.51		1282.14	7862.34	
12	12	Wayanad		7265.66	495.85	7761.51	884.5	37.8	16.68	0.04	1.44	8335.08	0.05		5004.5	22041.60	
13	13	Kannur		2256.82	6.67	2263.49	1686.1	10175.18	1493.99	0.96	63.15	1885.74	5.37	2.52	1686.1	19262.60	
14	14	Kasaragod		862.1	188.74	1050.84	637.91	45726.39	19047.37	9.67	136.69	655.25	13.04		637.91	67915.07	
		State	21255.8	84024.7	48857.3	154137.83	30111.7	159491.7	33353.15	139.00	19840.3	44820.06	235.82	1011.9	7272.4	515387.8	

Table 11

Farm Wholesale Price of Agricultural Commodities For the year 2018-19

Name of Commodity	Unit	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	19-Jan	19-Feb	19-Mar	19-Apr	19-May	19-Jun
Paddy Local - Nadan	Quintal	1756.25	1781.25	1853.57	1892.86	2350.00	1977.50	2110.42	2089.38	2156.94	2098.53	2148.33	2044.44
Paddy Local - High Yielding	Quintal	1944.44	1955.56	1821.67	1906.52	2152.86	2146.11	2100.35	2216.85	2262.83	2259.63	2227.86	2010.83
Coconut (Medium)With Husk - Ripe(With Husk)	100 Nos	1848.77	1863.14	1789.81	1686.02	1640.66	1707.83	1763.15	1786.92	1739.31	1673.23	1583.46	1481.46
Areacanut - Ripe	100 Nos	242.65	246.50	197.33	167.00	153.15	153.02	153.46	150.32	149.54	154.65	149.77	158.80
Cashewnut - Ripe(With Husk)	Quintal	7650.00	7650.00					11042.86	10743.59	10331.25	9578.85	8017.78	8766.67
Pepper - Dry(Local)	Quintal	31313.95	33919.77	35032.56	35394.19	35333.33	35210.33	33390.00	32230.47	31642.58	31188.98	32055.00	31951.32
Ginger	Quintal	5766.67	6828.65	6217.31	6440.38	6254.46	6060.61	6410.58	6267.59	6835.85	7585.42	8748.28	10989.58
Ginger(Dry)	Quintal	9057.14	8820.00	10437.50	10500.00	10875.00	11000.00	14016.67	14525.00	16946.43	19416.67	16666.67	16833.33
Sesamam - Dry	Kg												
Cloves	Kg	665.94	675.00	664.50	691.67	698.13	688.61	656.82	615.56	597.29	585.63	628.75	616.67
Nutmeg	Kg	171.15	187.10	200.05	201.63	212.07	217.72	231.54	232.83	230.24	226.81	213.25	199.78
Tapioca - Raw	Quintal	1417.80	1577.63	1739.58	1793.33	1843.03	1913.11	1921.96	1909.46	1922.00	1983.33	1969.33	1937.00
Turmeri - Dry	Quintal	8664.29	8616.67	7725.00	8512.50	8325.00	9060.00	10305.56	11022.73	10059.21	9867.86	9104.17	9750.00
Banana - Local	Quintal	4245.00	4689.22	3832.38	3675.00	3391.39	3657.88	3798.31	3860.67	3952.33	3758.90	4566.55	4781.16
Plantain - Palayanthodan	Quintal	1857.26	1934.17	2009.84	1947.18	1793.95	1758.33	1793.18	1841.56	1814.61	1868.51	1984.09	2082.14
Plantain - Njaalipoovan	Quintal	3266.13	3611.89	4057.66	3739.92	3480.65	3316.77	3240.91	3195.45	3129.87	3151.62	3391.23	3568.83
Plantain - Poovan	Quintal	3308.33	3565.00	3709.18	3612.00	3368.00	3263.68	3229.92	3228.85	3170.08	3157.58	3417.80	3516.67

INSTITUTIONS UNDER DEPARTMENT OF AGRICULTURE

1 DEPARTMENTAL FARMS

Name of Farm	Planting materials available
THIRUVANANTHAPURAM	
District Agricultural Farm, Peringamala 0472-2846488	Cashew graft, Arecanut, Guava Layer, Sapota Layer, Mango graft, Jack graft, Clove seedlings, Cinnamon seedlings, Minor fruit plants, Tuber crops, Ornamental plants, Pepper cuttings, Vegetable seeds.
Banana Nursery, Peringamala 0472 2846622	Banana suckers, Arecanut seedlings, Guava layer, Mango graft, Minor fruit plants, Ornamental plants, Pepper cuttings, Cashew grafts, Sapota.
State Seed Farm, Ulloor. 0471 2530035	Paddy seeds, Vegetable seeds
State Seed Farm, Chirayinkil 0470 2644291	Paddy seeds, Vegetable seeds
Coconut Nursery, Valiyathura 0471 2508222	Coconut seedlings, Vegetable seeds
Coconut Nursery, Kazhakkuttam 0471 2413195	Coconut seedlings, Vegetable seeds
KOLLAM	
District Agricultural Farm, 0475 - 2270447	Anchal Pepper cuttings, Cashew grafts, Sapota graft, Mango graft, Jack graft, Banana suckers, Citrus, Pineapple suckers, Cherry layers, Papaya seedlings, Medicinal plants,
Cashew Farm, Kottarakkara 0474 – 2045235	Cashew graft
State Seed Farm, Kottarakkara 0474-2045235	Paddy seeds, Vegetables seeds, Tuber Crops, Banana Suckers
State Seed Farm, Karunagapally 0476 – 2620290	Vegetable Seeds.
State Seed Farm, Kadakkal 0474 – 2426666	Paddy seeds, Vegetable seeds, Banana suckers.
PATHANAMTHITTA	
State Seed Farm, Adoor 04734-227868	Paddy seeds, Pepper cuttings, Banana suckers, Vegetable seeds, Tubers.
State Seed Farm, Pulladu 0469 2661917	Paddy seeds, Pepper cuttings, Banana suckers, Tuber crops.
Sugarcane Seed Farm, Pandalam 04734 252500	Sugarcane setts, Banana suckers, Arecanut seedlings, Pepper cuttings.
ALAPPUZHA	
District Agricultural Farm, Mavelikkara 0479 2357690	Coconut seedlings, Pepper cuttings, Cashew graft, Guava layer, Sapota graft, Jack graft, Clove seedlings, Nutmeg graft, Ginger & Turmeric Rhizomes, Mango graft, Banana suckers, Pineapple suckers.
State Seed Farm, Arunoottimangalam 0479 2358700	Paddy seeds, Pepper cuttings, Vegetable seeds, Banana suckers.
State Seed Farm, Veeyapuram 0479 2318490	Paddy seeds, Banana suckers, Vegetable seeds.
KOTTAYAM	
District Agricultural Farm, Kozha 0482-2234016	Pepper cuttings, Guava layer, Sapota graft, Mango graft, Jack graft, Clove seedlings, Cinnamon, Ginger (Rhizome), Turmeric (Rhizome), Banana suckers, Minor fruit plants, Cocoa graft, Mangosteen, Tubers, Vegetable seeds.
State Seed Farm, Kozha	Paddy seeds, Vegetable seeds
State Seed Farm, Valachira 0482-9283306	Paddy seeds, Pepper cuttings

IDUKKI	
District Agricultural Farm, Arikuzha 04862 278599	Coconut seedlings, Pepper cuttings, Vegetable seeds, Cashew graft, Jack grafts, Banana sucker, Ginger, Turmeric, nutmeg graft, minor fruits, cocoa seedlings.
State Seed Farm, Karimannoor 04862 263560	Paddy seeds, Pepper cuttings
State Vegetable Farm, Vandiperiyar 04869 253543	Pepper cuttings, Cool season Vegetable seeds, Ornamental plants, Banana sucker, Ginger & turmeric rhizomes, Coffee seedlings.
ERNAKULAM	
District Agrl. Farm, Neriya Mangalam 0485 2554416	Coconut seedlings, Pepper cuttings, Cashew graft, Arecanut seedlings, Guava layer, Sapota graft, Jack graft, Mango graft, Clove seedlings, Nutmeg graft, Ginger & Turmeric, rhizomes, Cinnamon, Banana suckers
State Seed Farm, Aluva 9446073457	Paddy seeds, Vegetable seeds
State Seed Farm, Okkal 0484 2464941	Paddy seeds, Banana suckers, Vegetable seeds
Coconut Nursery, Vyttila 0484 – 2700779	Coconut seedlings
THRISSUR	
District Agricultural Farm, Chelakkara 04884 2526636, 9447829421	Coconut seedlings, Pepper cuttings, Cashew graft, Banana suckers, Tapioca setts, Minor fruit plants, Vegetable seeds
State Seed Farm, Mannuthy 04872371678, 9496003619	Paddy seeds, Coconut seedlings, Pepper cuttings, Guava layer, Sapota graft, Mango graft, Jack graft, Cinnamon graft, Minor fruit plants, Vegetable seeds
State Seed Farm, Kodassery 04802743834	Paddy seeds, Mango graft, Vegetable seeds, Pepper cuttings.
State Seed Farm, Nadavarambu 9447829429	Paddy seeds, Tubers, Pepper cuttings
State Seed Farm, Edathuruthy 9847067693	Paddy seeds
State Seed Farm, Pazhayannor 04884226260	Coconut seedlings, Vegetable seeds, Paddy seeds, Pepper cuttings
State Seed Farm, Pananchery 0487 228336, 9496003620	Paddy seeds, Pepper cuttings, Sapota graft, Mango graft, Minor fruit plants, Vegetable, seeds, Tubers
Coconut Nursery, Irinjalakuda 9447275889, 9447388326	Coconut seedlings, Pepper cuttings, Banana suckers, Vegetable seeds. Model Horticultural Farm, Kannara
PALAKKAD	
Horticulture Development Farm, Malampuzha. 0491 2815331, 9447359453	Pepper cuttings, Vegetable seeds, Ornamental plants, Guava layer, Sapota graft, Mango graft, Jack graft, Clove seedlings, Banana suckers, Minor fruit plants, Tubers, Coconut seedlings, Cinnamon.
Orange & Vegetable Farm, Nelliyampathy 0492 -3246225	Coffee, Acid lime, Vegetable seeds, Ornamentals, Fruit products
Integrated Seed Development Farm, Eruthiampathy. 0492-3236007	Cashew graft, Guava layer, Sapota graft, Mango graft, Vegetable and pulses seeds, Tubers, Pepper cuttings.
Central Orchard, Pattambi 0466-2212009	Sapota graft, Mango graft, Tubers, Minor fruit plants, Anthurium, Vegetable seeds
State Seed Farm, Alathur 0492-2223313, 9447590051	Paddy seeds, Vegetable seeds
State Seed Farm, Kunnanoor 0491 2572224	Paddy seeds, Pepper cuttings, Banana suckers, Ornamental plants
State Seed Farm, Kongadu 0492 2102121	Paddy seeds, Vegetable seeds

State Seed Farm, Ananganadi 9446228311	Paddy seeds
State Seed Farm, Muthalamada 3212125	Paddy seeds, Vegetable seeds, Cinnamon, Ginger
MALAPPURAM	
Seed Garden Complex, Munderi 04931-209890	Pepper cuttings, Guava layer, Ginger & Turmeric (Rhizome), Banana suckers, Minor fruit plants, Tapioca setts, Ornamentals, Vegetable seeds
District Agricultural Farm, Chungathara 04931 230104	Pepper cuttings, Cashew grafts, Guava layer, Sapota graft, Jack graft, Turmeric & Ginger (Rhizome), Banana suckers, Vegetable seeds, Minor fruit plants.
State Seed Farm, Chokkad 04931 212144	Paddy seeds, Banana suckers, Vegetable seeds, Pepper cuttings.
State Seed Farm, Thavannoor 9447596015	Paddy seeds, Banana suckers, Arecanut seedlings.
State Seed Farm, Anakayam 0483 2848126	Paddy seeds, Pepper cuttings, Banana suckers, Vegetable seeds
Coconut Nursery, Parappanangadi 0494 - 2413314	Coconut seedlings, Vegetable seeds, Pepper cuttings, Cashew grafts, Ginger & Turmeric (rhizomes), Banana suckers
KOZHIKODE	
District Agricultural Farm, Koothali 0496 2662264	Pepper cuttings, Cashew grafts, Arecanut seedlings, Guava layer, Sapota graft, Mango graft, Jack graft, Clove seedlings, Nutmeg graft, Banana suckers, Pine-apple suckers, Vegetable seeds, Ginger & Turmeric rhizomes, Tubers, Medicinal plants.
State Seed Farm, Perambra 0496 2614221	Paddy seeds, Vegetable seeds, Pepper cuttings
State Seed Farm, Pudupadi 0496-2512340	Paddy seeds, Vegetable seeds, Banana suckers, Pepper cuttings.
Coconut Nursery, Thikkodi 0496 2606788	Coconut seedlings, Pepper cuttings, Vegetable seeds, Banana suckers, Tubers, Ornamental plants.
KANNUR	
District Agricultural Farm, Taliparamba 0460 2203154	Pepper cuttings, Cashew graft, Arecanut, Guava layer, Sapota graft, Mango graft, Jack graft, Clove seedlings, Nutmeg graft, Cinnamon, Ginger & Turmeric rhizomes, Banana suckers, Other fruit plants, Vegetable seeds
State Seed Farm, Vengad 0490 2308047	Paddy seeds, Vegetable seeds, Pepper cuttings, Cashew grafts
State Seed Farm, Kankole 0498 5280050, 9495744336	Paddy seeds, Pepper cuttings
Coconut Nursery, Palayad 0490-2345766 T x D Farm, Chalod, Kannur	Coconut seedlings, Pepper cuttings, Vegetable seeds.
KASARAGOD	
State Seed Farm, Kasaragod 04994 230510	Paddy seeds, Pepper cuttings, Arecanut seedlings, Banana suckers, Ornamentals, Vegetable seeds
State Seed Farm, Pullor 0467 2268808	Paddy seeds, Pepper cuttings, Ornamental Plants, Vegetable Seeds, Banana suckers
Cashew Development Office 04994 262272	Cashew graft, Mango graft, Vegetable seeds.
Cashew Progeny Orchard, Aadoor, Gwalimugha, Kasaragod 04994 262272	

LIVESTOCK POPULATION 2019

Sl.No	District	Cattle Population	Buffalo Population	Sheep Population	Goat Population	Pig Population
1	Thiruvananthapuram	98822	5041	106	156882	5443
2	Kollam	110542	8658	12	124326	1582
3	Pathanamthitta	61157	3260	27	52106	894
4	Alappuzha	79370	5726	18	55109	424
5	Kottayam	81074	6163	19	94968	9200
6	Idukki	97395	5067	9	102432	14670
7	Eranakulam	108061	10029	7	126599	9142
8	Thrissur	111932	20520	21	129579	13041
9	Palakkad	166952	9743	914	144095	9258
10	Malappuram	87035	15077	28	169892	2925
11	Kozhikkode	94248	3915	25	55215	11159
12	Wayanad	79753	4353	238	45365	9147
13	Kannur	91687	2446	8	65166	12312
14	Kasargod	73968	1506	50	37427	4666
	Total	1341996	101504	1482	1359161	103863

PRODUCTION OF MILK & EGG

Year	Milk (000 MT)	Egg (lakh nos.)
2011-12	2716.84	17048.65
2012-13	2791.61	22375.57
2013-14	2655.00	24768.77
2014-15	2710.00	25038.00
2015-16	2649.72	24424.82
2016-17	2520.29	23443.83
2017-18	2575.98	23480.66
2018-19	2548.68	22905.99
2019-20	2542.37	21811.86

PER CAPITA PER DAY AVAILABILITY OF MILK (ESTIMATED)

Year	Cow Milk(g)	Buffalo Milk(g)	Goat Milk(g)	Total Milk(g)	Projected human Population(lakhs)
2011-12	212	2	9	223	334 (actual)
2012-13	216	3	9	228	336
2013-14	213	5	9	227	337
2014-15	205	5	9	219	338
2015-16	202	1	10	219	340
2016-17	191	1	10	202	342
2017-18	186	1	9	196	360.6
2018-19	183	1	9	193	362.4
2019-20	180	1	10	191	364.1

PER CAPITA AVAILABILITY & CONSUMPTION OF EGG PER YEAR (ESTIMATED)

Year	Projected human population (lakhs)	Total Egg Production (Lakh nos.)	Per Capita Availability per year (Nos.)	Import (Lakh nos.)	Export (Lakh nos.)	Total availability (Lakh nos.)	Per Capita consumption per year
2011-12	334(actual)	17048.65	51	9019.47	9.17	26058.95	78
2012-13	336	22375.57	66	9042.32	5.21	31412.68	93
2013-14	337	24768.77	73	14319.45	5.41	39082.81	116
2014-15	338	25038.00	74	13731.00	7.62	38760.00	114.49
2015-16	340	24424.82	72	14566.00	5.39	38986.00	114.6
2016-17	342	23443.83	69	20797.55	5.28	44246.66	129.4
2017-18	366.85	23480.66	65	19671.82	NIL	43152.48	119.66
2018-19	362.4	22905.99	63	23584.47	NIL	46490.46	128.28
2019-20	364.1	21811.86	60	25483.75	NIL	47295.6	130

PER CAPITA PER DAY AVAILABILITY OF MEAT (ESTIMATED)

Year	Projected human population (lakhs)	Production of Meat (Authorised Sector only) (MT)		Per capita availability per day (g) #		
		Animal	Poultry	Animal	Poultry	Total
2011-12	334 (actual)	241.596	183.611	20	15	35
2012-13	336	272.15	128.842	22	11	33
2013-14	337	264.231	151.398	21	12	33
2014-15	338	282.23	163.6	22	13	35
2015-16	340	291.02	175.02	23	14	37
2016-17	342	280.083	188.758	22	15	37
2017-18	350.6	286.96	181.97	22	14	36
2018-19	362.4	279.37	178.024	21	13	34
2019-20	364.1	282.65	171.87	21	13	34

The production figure 2011-12 onwards include unauthorized sectors also.

**DETAILS OF DAIRY CO-OPERATIVES REGISTERED UNDER
DAIRY DEVELOPMENT DEPARTMENT – AS ON 31.05.2020**

DAIRY DEVELOPMENT DEPARTMENT DCS REGISTERED - AS ON 31.05.2020				
REGION	DISTRICT	APCOS	NON APCOS	TOTAL DCS
SOUTHERN	THIRUVANANTHAPURAM	359	59	418
	KOLLAM	295	59	354
	PATHANAMTHITTA	189	15	204
	ALAPPUZHA	249	16	265
CENTRAL	KOTTAYAM	253	23	276
	IDUKKI	200	12	212
	ERNAKULAM	323	11	334
	THRISSUR	230	54	284
NORTHERN	PALAKKAD	320	20	340
	MALAPPURAM	265	17	282
	KOZHICODE	239	14	253
	WAYANAD	55	1	56
	KANNUR	169	54	223
	KASARGOD	137	5	142
GRAND TOTAL		3283	360	3643

MILK PROCUREMENT THROUGH DAIRY CO-OPERATIVES - ABSTRACT

TOTAL MILK PROCUREMENT THROUGH DAIRY CO-OPERATIVES				
DISTRICT	2016-17	2017-18	2018-19	2019-20
THIRUVANANTHAPURAM	58178060	69448711	72281911	69048326
KOLLAM	41620849	51093918	53502230	51826285
PATHANAMTHITTA	15147293	17618211	18025737	17694829
ALAPPUZHA	31809608	38375154	36050865	35502984
KOTTAYAM	29197957	32399760	32401960	31166158
IDUKKI	58531054	64140917	65196455	64422466
ERNAKULAM	41032391	44425290	43703787	44363000
THRISSUR	29851208	33767791	32788159	33547529
PALAKKAD	88969474	98056256	102407109	104595530
MALAPPURAM	21211024	24116109	26031257	26771333
KOZHICODE	35907282	38274280	40476951	40920983
WAYANAD	74417711	79671314	82933421	85453658
KANNUR	47385432	48263037	49580450	48827532
KASARGOD	20775545	22591145	24866586	24805334
TOTAL ANNUAL PROCUREMENT (LTR)	594034887	662241892	680246877	678945946
TOTAL ANNUAL PROCUREMENT (LAKH METRIC TONNE PER ANNUM)	5.94	6.62	6.80	6.79
DAILY PROCUREMENT(LLPD)	16.27	18.14	18.64	18.60

FODDER CROPS AND CULTIVATION PRACTICES

Activity	Hybrid Napier	Guinea Grass	Congo Signal	Fodder maize	Fodder Cowpea	Stylosanthes
1	2	3	4	5	6	7
Suitable Location	Low Altitude Regions	Low Altitude Regions	Low up to an altitude of 2000m	Low up to an altitude of 2000m	Low Altitude Regions	Low Altitude Regions
Season	June – Sept	June - Sept	June - Sept	May - June	Throughout the year	May - Sept
Soil	Lateritic to Alluvium soil with good drainage	Same	Same	Same	Same	Same
Planting Material required / ha	40,000 seedlings	69000 to 100000 rooted cuttings OR seeds 10 Kg	2.5 lakhs rooted cutting OR 8 Kg seeds	25-30 Kg seeds	40 Kg seeds	6 Kg seeds
Spacing	50x50cm	40x40 cm	20x20 cm	70x15 cm	30x 30 cm	30x30 cm
Organic manure (tons/ha)	50-20	15-20	15-20	15	10	10
Basal dose of P2O5/ha	40 Kg	60 Kg	60 KG	40 Kg	30 Kg	40 Kg
Top dressing	Apply 30 Kg N/ha or crowding slurry after 2nd harvest. Repeat atleast 3 times in a year.	Same	Same	Apply 65 Kg N 30 DAS and at 60 DAS
Harvest	60-70 days after planting and then at 45 days interval	50-60 days After planting and then at 40 days interval	60-70 days After planting and then at 45-50 days interval	90-100 days after sowing	At following and pod formation stage	60-80 DAS and then at 45-50 days interval
Average yield (tons/ha/year)	100-300	70-75	40-50	40-50 (per crop)	15-20(per crop)	30-40
Weeding and interculture	2-3 times	2-3 times	Once	2-3 times and earthing up growing stage	Once	Once

KERALADAIRYFARMERSWELFAREFUND

ABSTRACT OF PENSION, FAMILY PENSION, MARRIAGE ASSISTANCE, CREMATION ASSISTANCE, EDUCATION ASSISTANCE, KSHEERA KSHEMA INSURANCE, KSHEERA SURAKSHA SCHEME, TREATMENT SCHEME, BEST FARMER AWARD AND ENROLLMENT SANCTION EDTILL23.10.2019(BOARD87)[1]

DISTRICT	NO. OF PENSIONERS	NO. OF FAMILY PENSIONERS	MARRIAGE ASSISTANCE	CREMATION ASSISTANCE	EDUCATION ASSISTANCE SCHEMES												KSHEERA KSHEMA INSURANCE 2008-09		KSHEERASURAKSHA										TREATMENT SCHEME	BEST FARMER AWARD	ENROLLMENT TILL BOARD 87
					2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019						
					2009	2010	2010	2011	2011	2012	2012	2013	2013	2014	2014	2015	2015	2016	2016	2017	2017	2018	2018	2019	2019						
TVM	9415	795	1451	1172	52	24	11	22	18	25	30	19	11	18	0	204	6	133	55	17	12	11	7	10	9	15	0	5	0	1	35048
KOLLAM	7528	568	1371	1295	59	43	37	19	25	36	23	15	4	19	4	120	0	103	21	45	34	53	44	48	33	59	0	2	0	6	28642
PTA	2535	134	561	436	32	29	11	8	21	18	11	6	5	10	0	93	0	30	12	14	10	19	15	11	7	11	0	0	99	6	12630
ALAPPUZHA	6617	480	1497	1180	70	57	22	29	24	29	32	12	2	5	0	55	0	36	31	13	22	13	18	6	10	8	0	6	572	9	23394
KOTTAYAM	4268	263	505	536	53	61	48	23	46	47	35	16	13	21	27	147	2	39	30	19	22	31	30	24	17	33	0	2	796	6	18318
IDUKKI	4756	198	705	540	51	50	47	45	40	28	24	9	11	28	0	156	5	43	42	29	31	38	17	9	7	22	0	2	0	5	22077
ERNAKULAM	9213	637	933	1330	61	59	44	51	47	48	38	16	10	21	2	97	7	61	67	54	35	52	65	51	24	61	0	4	0	4	29801
THRISSUR	6293	595	921	1484	57	56	48	63	40	37	9	15	15	36	7	78	1	59	55	48	36	53	65	34	23	45	0	2	0	10	21001
PALLAKAD	8839	694	1892	1348	74	68	72	91	74	62	58	16	5	8	2	73	0	56	40	21	31	26	21	16	27	11	0	2	52	7	38247
MALAPPURAM	2726	116	334	334	29	29	7	10	15	6	15	5	1	6	9	15	0	9	11	8	7	6	4	2	0	3	0	0	6	6	15188
KOZHIKODE	7357	335	1112	903	35	37	31	48	46	39	32	30	7	6	14	28	0	29	25	21	15	16	13	14	24	12	0	6	0	8	33108
WAYANAD	6132	327	507	737	32	22	26	18	17	18	22	13	2	9	0	42	0	10	8	4	2	5	6	2	3	8	0	0	0	6	24650
KANNUR	8333	391	855	924	48	35	14	38	33	42	18	24	25	8	23	32	0	32	17	16	14	21	20	21	24	41	0	10	0	9	31900
KASARGOD	2510	50	370	177	22	24	26	27	23	25	28	4	0	3	0	22	0	28	20	20	25	19	9	5	5	3	0	0	0	6	12097
GRANDTOTAL	86522	5583	13014	12396	675	594	444	492	469	460	375	203	111	196	88	1162	21	668	434	329	296	363	334	253	213	332	0	41	1519	89	346101

AIRPORTS / SELECTED RAILWAY STATIONS / K.S.R.T.C. STATIONS IN KERALA

AIRPORT		Telephone Number		
THIRUVANANTHAPURAM				
Indian Airlines	STD No.	OFFICE	PER	RESI
Airport Enquiry & Reservation Enquiries	0471	2310310	--	--
Duty Officer		2501537		
Flight Enquiry Office		2501237		
		2502323		
		2316940		
AIR INDIA				
Duty Officer		2501281		2451894
Enquiry	2501426			
City Officer/Reservation	2310310			
KOCHI				
Airport Enquiry & Reservation	0484	2610115/2610116		
Airport Director		2610006		2534773
Air India		2610050		2351295
Indian Airlines		2610041		2371141
KOZHIKODE				
Airport	0483	2711325		
Director		2710517		
Offier-in-charge		2711325		
Indian Airlines		2270190		
Enquiry		2766056		
Manager		2710100		

RAILWAY STATIONS

	STD		Office	Per.	Resi
1. Thiruvananthapuram Central	0471	Enquiry & Reservation Station Superintendent	131, 132 2326037		
		Public Relations Officer	2326037		
2. Kollam	0474	Enq. & Reservation	2746194		
3. Kottayam	0481	Enquiry	131		
		Enquiry & Reservation	2563535		
		Station Supdt.	2562933		
4. Alappuzha	0477	Enq. & Reservation	2253965		
		Station Supdt.	2253965		
5. Ernakulam North 2393413	0484	Enq. & Reservation	131	132	2390920
		Station Supdt.	2369419		
Ernakulam South		Enquiry (Computer)	2375131		
6. Thrissur	0487	Enq. & Reservation	2423150		
			2440251		
7. Palakkad	0491	Enquiry	2555231		
8. Nilambur	0493		2220237		
9. Kozhikode	0495	Enq. & Reservation	2703822		
		Station Supdt.	2701499		
10. Kasaragod	0499		2430200		
11. Kannur	0497	Enquiry	2705555		
12. Chengannur	0479	Enq. & Reservation	2452340		
			2454240		
13. Cherthala		Station Master	2812500		
14. Thiruvalla	0469		2601314		
15. Pathanamthitta	0468	Reservation Agency	2325676		

DISTANCE (ROAD) - (KILOMETRE)

1. From Thiruvananthapuram (NH)		Nedumangad	- 20
Attingal	- 33	Neyyar Dam	- 27
Kollam	- 71	Chirayinkil	- 40
Kayamkulam	- 109	Varkala	- 56
Hariпад	- 122	Ponmudi	- 61
Alappuzha	- 157	Kallada	- 84
Cherthala	- 178	Pathanapuram	- 87
Ernakulam	- 219	Karunagappalli	- 98
Aluva	- 240	Ochira	- 107
Angamali	- 251	Mavelikkara	- 122
Chalakudi	- 268	Pathanamthitta	- 113
Thrissur	- 297	Kozhencherry	- 120
Palakkad (via. Alathur)	- 365	Aranmula	- 128
Kunnamkulam	- 319	Ranni	- 129
Kuttiрpuram	- 351	Moozhiyar	- 178
Thirurangadi	- 389	Palai	- 183
Ramanattukara	- 409	Vaikom	- 192
Kozhikode (via. Kuttipuram)	- 425	Koothattukulam	- 194
Quilandy	- 449	Thrippunithura	- 212
Vadagara	- 472	Kothamangalam	- 221
Mahe	- 488	Thodupuzha	- 217
Thalassery	- 492	Peerumedu	- 231
Kannur	- 515	Moolamattom	- 235
Thaliparamba	- 538	Thekkady	- 253
Payyannur	- 561	Devikulam	- 308
Kanhangad	- 591	Mattancherry	- 223
Manjeswar	- 660	Kalamassery	- 232
2. From Thiruvananthapuram		Irinjalakuda	- 286
(M.C.Road)		Malayattoor	- 244
Kilimanoor	- 40	Kodungalloor	- 308
Kottarakkara	- 74	Vadakkancherry	- 316
Adoor	- 95	Shornur	- 330
Pandalam	- 105	Guruvayur	- 329
Chengannur	- 118	Chavakkad	- 332
Thiruvalla	- 128	Pattambi	- 345
Changanassery	- 136	Alathur	- 340
Kottayam	- 154	Ponnani	- 360
Ettumanoor	- 165	Perinthalmanna	- 368
Muvattupuzha	- 209	Malampuzha	- 378
Perumbavoor	- 228	Malappuram	- 381
Angamali	- 242	Kottakkal	- 385
3. From Thiruvananthapuram (NH)		Manjeri	- 394
Balaramapuram	- 13	Nilambur	- 418
Neyyattinkara	- 20	Parappanangadi	- 434
Amaravila	- 23	Kalpetta	- 514
Parassala	- 30	Mananthavady	- 532
Kaliyikkavila	- 32	Thiruchenthoor	- 167
Nagercoil	- 70	Shenkotta	- 111
Kanyakumari (Cape Comerin)	- 89	Madurai	- 306
4. From Thiruvananthapuram		Mangalore	- 727
Kovalam	- 13	Velloor	- 758
Vizhinjam	- 16	Chennai	- 752
Kattakkada	- 19		

From Kollam		Palakkad	- 200
Kottarakkara	- 30	From Ernakulam	
Kottayam	- 105	Bangalore	- 564
Erumeli	- 118	Pathanamthitta	- 135
Pamba	- 172	Idukki	- 132
Punalur	- 46	Kattappana	- 158
Pathanamthitta	- 72	Thekkady	- 192
Shenkotta	- 98	Punalur	- 177
Tuticorin	- 214	Mattupetty	- 145
From Alappuzha		Edamalayar	- 82
Ranni	- 97	Vaikom	- 29
Chengannur	- 64	Moovattupuzha	- 42
Thakazhi	- 23	Kothamangalam	- 55
Harippad	- 35	From Kozhikode	
From Kottayam		Vaithiri	- 63
Devikulam	- 188	Madura	- 384
Madura	- 250	Palai	- 259
Kanjirappally	- 39	Kalpetta	- 73
Vaikom	- 40	Pulppally	- 125
Palai	- 28	Sulthan Bathery	- 97
Changanassery	- 28	Mysore	- 214
Thiruvalla	- 26	Ootty	- 172
Chengannur	- 36	Moolamattam	- 253
Pandalam	- 50	Palakkad	- 143
Ponkunnam	- 34	Thamarassery	- 30
Mundakayam	- 53	Bangalore	- 344
Thodupuzha	- 65	From Palakkad	
Peerumed	- 78	Coimbatore	- 54
Kumili	- 110	Ootty	- 140
Thekkady	- 115	Valayar	- 19
Erumeli	- 56	Guruvayur	- 98
Sabarigiri	- 119	Anakkatty	- 102
Kumarakom	- 14	Chittoor	- 74
Guruvayur	- 161	Annamala	- 114

DISTANCE (RAIL) - (KILOMETRE)

From Thiruvananthapuram		Kayamkulam	- 106
Pettah	- 2	Mavelikkara	- 114
Veli	- 8	Chengannur	- 126
Kazhakoottam	- 13	Thiruvalla	- 135
Kaniyapuram	- 17	Changanacherry	- 143
Chirayinkil	- 28	Chingavanam	- 153
Kadakkavoor	- 31	Kottayam	- 161
Varkala	- 41	Ettumanur	- 171
Edava	- 45	Kaduthuruthy	- 182
Paravoor	- 52	Vaikom Road	- 186
Mayyanad	- 56	Piravom Road	- 192
Kollam	- 65	Kanjiramattam	- 196
Perinad	- 74	Thrippunithura	- 211
Munroethuruthu	- 80	Ernakulam	- 221
Sasthamcottah	- 85	Edappalli	- 230
Karunagappally	- 92	Kalamasseri	- 235
Ochira	- 100	Aluva	- 241

Angamali (Kalady)	-	250	Valappattanam	-	182
Chalakudi	-	265	Pappinisseri	-	184
Irinjalakuda	-	272	Ezhimala	-	204
Nellayi	-	278	Payyannur	-	209
Ollur	-	289	Thrikarippur	-	215
Thrissur	-	296	Nileswaram	-	229
Mulamgunnathukavu	-	305	Kanhangad	-	238
Wadakancheri	-	312	Kasaragod	-	261
Vallathol Nagar	-	324	Kumbala	-	273
Shornur	-	328	Manjeshwar	-	290
Ottappalam	-	341	Ullal	-	299
Lakkidi	-	349	Mangalore	-	307
Parali	-	363	From Thiruvananthapuram		
Palakkad	-	373	Nemom	-	8
Walayar	-	398	Balarampuram	-	14
Coimbatore	-	427	Neyyattinkara	-	18
Erode	-	528	Parassala	-	38
Salem	-	587	Kuzhithura	-	38
Jolarpetta	-	707	Nagercoil	-	71
Katpadi	-	791	Sucheendram	-	75
Arkonam	-	852	Agastheeswaram	-	84
Thiruvallur	-	879	Kanyakumari	-	87
Avady	-	900	From Kollam (Kollam-Shencottah)		
Perambur	-	915	Kilikollur	-	5
Chennai	-	920	Kundara	-	12
From Shornur			Kottarakkara	-	24
Vallapuzha	-	10	Punalur	-	44
Cherukara	-	21	Shencottah	-	94
Angadippuram	-	28	Thenkasi	-	102
Pattikkad	-	34	Sivakasi	-	200
Melattur	-	41	Virudu Nagar	-	225
Vaniyambalam	-	56	From Palakkad		
Nilamboor	-	66	Puthu Nagaram	-	16
Pattambi	-	12	Kollamcode	-	23
Pallipuram	-	27	Meenakshipuram	-	42
Kuttippuram	-	30	Pollachi	-	58
Thirunavaya	-	37	From Thiruvananthapuram (Via. Chennai)		
Thirur	-	45	Guntur	-	1058
Thanur	-	53	Tirupathi	-	1068
Parappanangadi	-	61	Vijayawada	-	1353
Vallikunnu	-	67	Secunderabad	-	1713
Kadalundi	-	72	Hyderabad	-	1717
Feroke	-	77	Nagpur	-	2028
Kallayi	-	85	Visakhapattanam	-	1503
Kozhikode	-	86	Pune	-	2009
West Hill	-	91	Mumbai	-	2065
Elattur	-	98	Bhuvaneshwar	-	2147
Quilandy	-	111	Ittarsi	-	2326
Vellarakkad	-	116	Bhopal	-	2418
Tikkoti	-	120	Hawra	-	2590
Payyoli	-	123	Jhansi	-	2709
Iringal	-	127	Agra	-	2924
Badagara	-	133	Mathura	-	2978
Nadapuram	-	138	Delhi	-	3018
Mahe	-	146	Ahamedabad	-	2820
Thalassery	-	155	Ludhiyana	-	4286
Kannur	-	176	Jammu Thavi	-	4360



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