



DEPARTMENT OF AGRICULTURE

KARUR DISTRICT

The Government have resolved to initiate Second Green Revolution Movement in Tamil Nadu to improve the economic status of the farmers by adopting frontier technologies in a larger extent for various crops with full involvement of farmers and extension staff, backed by research.

The major strategies to spur **SECOND GREEN REVOLUTION** are-

- Crop specific strategies to bridge the yield gap, improving agriculture marketing infrastructure and promoting farmer's participation in agri-business ventures.
- Increasing the cultivable area and diversifying the cultivation in favour of high value horticulture and commercial crops while ensuring the food and nutritional security.
- Soil health improvement.
- Promoting Hi-tech agriculture, Precision Farming and Micro irrigation for efficient use of irrigation water.
- Strengthening research and extension services to all farm families in Tamil Nadu-Farm level interventions for "end-to-end" involvement of Extension staff with individual farmer.

Soil Type

The major soil series in Karur district are Irugur and Thulukkanur. The Soils are generally sandy loam and clay type. The Irugur soil is red to dark red, fine loamy, non calcareous, well drained, slightly acidic to neutral soils. The Thulukkanur soil is reddish brown to dark grayish brown, moderately deep to very deep, fine loamy, calcareous, well drained soils. The other soil series are Palladam, Palathurai, palaviduthi, Vannapatti and Mixed alluvium.

Rainfall

The average rainfall of the Karur district is 652.2 mm. The major rainfall occurs during north-east monsoon.

Irrigation

Karur and Manmangalam taluk is being covered by Amaravathy and Cauvery irrigation channel. Aravakurichi Taluk is being covered by Amaravathy and Lower Bhavani Project Channel. Kulithalai and Krishnarayapuram taluks are irrigated by Cauvery channels. Kadavur taluk is being covered by tanks and wells.

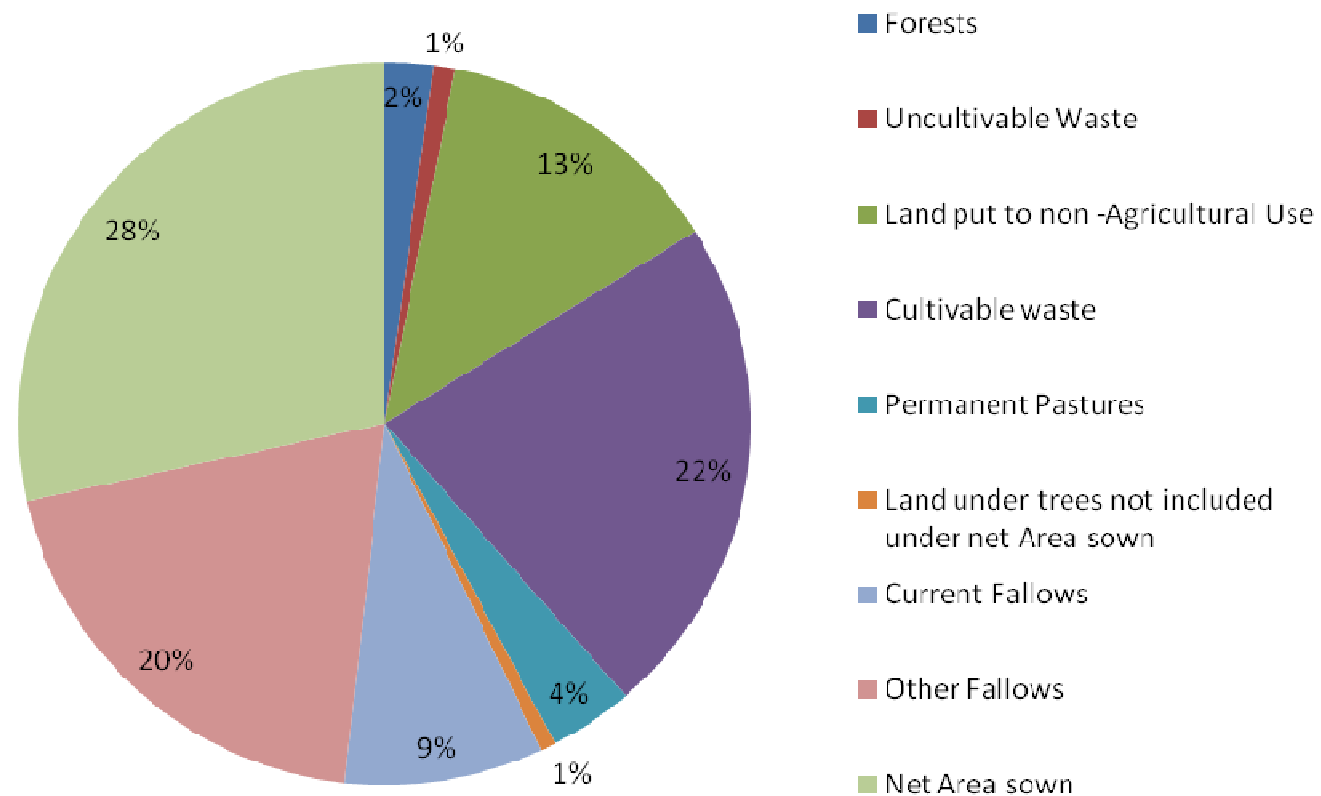
Cropping Pattern

The principal crops of the district are paddy, millets, pulses, oilseeds, sugarcane and banana. The major paddy area is in Kulithalai and Krishnarayapuram taluks. Pulses are grown in rice fallow areas. In uplands millets like sorghum, pearl millet pulses such as red gram, horse gram oilseeds such as groundnut, gingelly and sunflower are grown both under irrigated and rain fed conditions.

LAND USE PATTERN- CLASSIFICATION OF LAND

S.No	Particulars	Area (in Ha) (2015-16)
1	Forests	6187
2	Uncultivable wastes	2785
3	Land put to non-Agricultural use.	37583
4	Cultivable wastes.	65130
5	Permanent Pastures.	10800
6	Land under trees not Included under net Area sown.	1922
7	Current Fallows	25404
8	Other Fallows.	57389
9	Net Area sown	82352
	Total Geographical Area	289552

Land Use Pattern - Classification of Land



Karur District - Area Coverage Details(Ha)

Crop	Normal Area	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Paddy	12897	12433	15625	15009	14808	17089	10907	12559	13590	13276	3672
Chloam	19916	24816	21789	26666	23215	22587	7773	21219	26346	17557	7195
Cumbu	1416	2318	2963	2402	1550	1559	926	850	529	828	233
Maize	1216	780	647	418	791	135	1239	1801	2327	2390	409
Other Millets	11	0	0	0	0	0	8	6	10	76	5
Total millets	22558	27914	25399	29486	25556	25500	9946	23876	29212	20850	7842
Red Gram	2834	2382	2825	2486	2545	2950	1973	2519	3818	3605	3242
Black Gram	2200	1550	787	834	716	3579	1163	4474	3947	4126	827
Green Gram	307	94	43	77	97	725	178	437	569	697	154
Horse gram	2647	1178	1057	1137	1885	3197	3063	3213	4531	5507	1699
Other pulses	1172	1039	633	505	721	1360	926	1160	2913	2204	259
Total Pulses	9161	6243	5345	5039	5964	11811	7303	11803	15778	16140	6181
G.nut	5077	6215	7496	7140	6361	7228	3953	2236	4177	4385	1574
Gingelly	4539	7439	7250	6667	4272	4075	2405	3385	4179	3948	1770
Sunflower	3089	7787	4744	2679	2251	5596	2510	975	2016	1894	435
Castor	20		0		10	24	134	8	11	10	1
Total Oil seed	12724	21441	19490	16486	12894	16923	9002	6604	10383	10237	3780
Total Sugarcane	4994	6024	6097	6041	5839	8129	6573	3651	2518	2723	2345
TOTAL CROPS	62334	74055	71956	72061	65061	79452	50627	58493	55703	47086.8	23820

Karur District – Production Details (Mt)

Crop	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Paddy	32587	40953	57770	56241	74320	43486	70682	64851	52347	10829
Chloam	7470	6558	12960	8613	10571	7143	31977	32142	10990	3432
Cumbu	591	756	1103	566	1863	1739	1356	607	1290	198
Maize	855	709	1591	831	5193	3498	8818	22386	20669	1676
Total millets	8916	8023	15653	10009	17626	10887	42150	55135	32950	5306
Red Gram	719	853	1069	1015	2522	1217	2707	2617	3280	295
Black Gram	708	359	379	460	2165	640	939	3848	3390	523
Green Gram	38	14	29	61	341	98	143	249	489	85
Horse gram	534	484	485	1065	1662	1838	2031	2731	3892	1018
Other pulses	281	189	142	203	830	556	707	986	2502	139
Total Pulses	2280	1899	2104	2804	7520	4340	6527	10431	13553	2060
G.nut	13095	15794	17364	15216	14723	10839	9560	12480	13864	3929
Gingelly	2016	1965	2700	1397	2555	1354	6681	8772	10534	154
Sunflower	9181	7837	2928	3030	10761	3441	1967	2892	1966	389
Total Oil seed	24292	25596	22993	19642	28040	15651	18208	24144	24398	4472
Total Sugar cane (tons)	530112	536536	604100	589739	1032383	821625	377192	270262	299530	159460
TOTAL CROPS	598187	613007	702620	678435	1159889	895989	514760	424823	422778	182126
Total Food Grain	43783	50876	75527	69053	99467	58714	119359	130417	98850	18195

Karur District – Productivity Details (Kg/Ha)										
Crop	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Paddy	2621	2621	3849	3798	4349	3987	5628	4772	3943	2949
Chloam	301	301	486	371	468	919	1507	1220	626	477
Cumbu	255	255	459	365	1195	1878	1595	1147	1558	850
Maize	1096	1096	3806	1050	3835	2823	4896	9620	8650	4097
Other Millets	0	0	0	0	0	0	0	0	0	650
Total millets	319	1652	531	392	713	1095	1844	1580	1750	1518
Red Gram	302	302	430	399	855	617	1372	1039	859	91
Black Gram	457	456	454	642	605	550	807	860	859	632
Green Gram	408	323	378	627	470	550	804	569	859	554
Horse gram	453	458	427	565	520	600	663	850	859	599
Other pulses	270	299	281	281	610	600	764	850	859	535
Total Pulses	365	355	418	470	609	594	810	791	859	586
G.nut	2107	2107	2432	2392	2037	2742	2988	2100	2402	2496
Gingelly	271	271	405	327	627	563	581	692	498	87
Sunflower	1179	1652	1093	1346	1923	1371	1884	1435	1272	894
Castor		0		0	0	0	0	0	0	0
Total Oil seed	1133	1313	1395	1523	1709	1739	1817	1715	1817	1573
Sugar cane (Mt)	88	88	100	101	127	125	115	125	112	68

Schemes

Different schemes are being implemented in our district to disseminate the advanced technologies for increasing productivity and production in all agricultural crops.

I. Centrally Sponsored Schemes:

1. National Agricultural Development Programme (NADP) for Paddy, Millets, Pulses, Oilseeds, Sugarcane and Enriching Soil Fertility through Green Manure
2. National Mission on Oilseeds and Oilpalm (NMOOP) – Oilseeds, Oilpalm and Tree Borne Oilseed Crops.
3. National Food Security Mission (NFSM)- Pulses, Coarse Cereals and Commercial Crops
4. National Mission on Sustainable Agriculture (NMSA)- Integrated Farming
5. System Coconut Development Board schemes (CDB) – Coconut
6. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) - Micro Irrigation in Agricultural Crops.
7. Mission on Sustainable Dry land Agriculture (MSDA) - Rainfed Millet, Pulses and Oilseeds
8. Agricultural Technology Management Agency (ATMA) - The objective is to strengthen Research – Extension – Farmer linkages Technology Transfer through Demonstrations, Training and Exposure visit.

II. State Schemes

1. Seed multiplication schemes by TANSEDA
2. Pradhan Manthri Fasal Bima Yojana-(PMFBY)- Agricultural Insurance Scheme.
3. Collective Farming –Establishing FPOs

www.tn.gov.in/scheme/department_wise/2

Contact Person at District and Block

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Infrastructure facilities

State Seed Farm (SSF) - Inungur:

The objective of the state seed farm is to multiply the breeder seeds and foundation seeds and distribute them for the further mass multiplication of these seeds as certified seeds at farmers field as a part of Seed Multiplication Scheme. Paddy, Sorghum, Ragi and Redgram crops are major part of the Seed production programme in SSF.

Soil Testing Laboratory (STL)- Rayanur and Mobile Soil Testing Laboratory- Vennamalai (MSTL):

Soil Samples are taken from the farmers field (Grid System of Sampling) and sent to Soil Testing Laboratory and Mobile Soil Testing Laboratory for analysis. Based on the analytical report of the STL and MSTL, Soil health cards are generated and distributed to the farmers. The objective is to educate the farmers to go for soil health card based chemical fertilizer application and also to control the indiscriminate use of chemical fertilizers that not only affect the soil health status and reduces the produce quality but also increases the cost of cultivation without any additional benefits.

Farmer Training Centre- Karur:

The objective of the Farmer training centre is to provide village level training to all the farmers for effective transfer of advanced technologies.

Links

www.fcms.tn.gov.in. www.agricoop.nic.in www.tn.nic.in. www.tnau.ac.in. www.seedtamilnadu.com.

www.tn.gov.in - Tamil Nadu government.

www.imdchennai.gov.in - Welcome to India Meteorological Department - Chennai .

www.imdchennai.gov.in/agromet.htm - AGRO-MET Services.

www.imdchennai.gov.in/statistics.htm - Rainfall Statistics (IMD)

www.wrd.tn.gov.in - About Reservoirs in Tamil Nadu. www.indg.in/india/market_information.

www.tn.gov.in/tamiltngov/tamilgos/agri.

www.tn.gov.in/tamiltngov/citizen/agriculture.pdf. www.agaram.tn.gov.in/monday.

www.urvarak.co.in - Fertilizer monitoring System. www.tenders.tn.gov.in.

www.accuweather.com - Rainfall Forecast. www.agmarknet.nic.in - AGMARK. www.apeda.com/apedawebsite/index.asp

- APEDA. www.tnagmark.tn.nic.in - Export information. www.aedatlas.tn.nic.in - Soil and watershed atlas.

www.tantea.co.in - TANTEA. www.tn.gov.in/misc/tnataglace.htm - Tamilnadu at a Glance. www.dacnet.nic.in/ppin - Plant Protection Information Network.

www.dacnet.nic.in/pdmis/ - Pest / Disease Monitoring Information System. www.cibrc.nic.in/insecticides_act.htm

- Insecticides Act. agricoop.nic.in/sublegi/FertilizerControlOrder.htm - Fertilizer Control Order.

www.seednet.gov.in - SeedNet. www.india.gov.in/sectors/agriculture/index.php - India Agriculture.

www.fert.nic.in/index.htm - Department of Fertilizers.

www.urvarak.co.in/dofsystem. www.farmer.gov.in - Farmer Portal.