

REPORT ON AGRICULTURAL STATISTICS 2009-'10

INTRODUCTION

The report "Agricultural Statistics" is annually published by the Department of Economics and Statistics which contains the estimates of area under various crops, land utilization pattern, crop production and other major aspects of agricultural sector in Kerala. Initially, the data collected through land utilization survey was used for the preparation of Agricultural statistics. But the data collected and estimates prepared were inadequate on account of the small sampling frame and limited coverage. With a view to obtain more comprehensive data on Agricultural Statistics in non-reporting states like Kerala, West Bengal and Orissa, the Government of India sponsored a scheme namely 'Establishment of an Agency for Reporting Agricultural Statistics (EARAS)'. In Kerala, the scheme is being implemented by the Department of Economics and Statistics from 1975-'76 onwards. Originally, the scheme was intended to collect Agricultural Statistics from 20 % of the selected villages in each year in a phased manner and covering the entire state within 5 years. EARAS scheme was revised in 1987-'88 with a view to prepare district level estimates with breakup for Block/ Municipality/ Corporation. Further, during 1993-'94, the Investigator Zones were re-organized by suiting the villages to Panchayats. From 2000-'01 onwards, the part panchayats were discontinued and each Investigator Zone was formed with full panchayat/ panchayats.

The area under the crops and yield rate of the crops are the most vital components in the estimation of crop production. The area statistics are collected through the Area Enumeration Survey and the yields of crops are collected through the General Crop Estimation Survey conducted under the EARAS scheme.

Sampling Design

Stratified multistage random sampling method is followed in the survey. The C.D.Block/ Municipality (Municipalities with an area of less than 10 square km are merged with the adjoining Blocks)/ City Corporation is treated as a stratum. The Blocks are divided

into a number of Investigator Zones depending on the area of the block and nature of land. City Corporation is divided into three Investigator Zones. Each Municipality having an area of 10 square km or more is treated as a single Investigator Zone. The Investigator Zones within the stratum form the first stage of sampling units. Clusters within each selected Investigator Zone form the second stage units and the survey number of plots within each selected cluster forms the ultimate of sampling units.

Sampling Size

In each Investigator Zone, 100 clusters are allocated among the dry land and wet land in proportion to the area under these categories in the zone. 100 survey numbers/ subdivision numbers are selected from the Basic Tax Register by using circular systematic random sampling method. These are the key plots for cluster formation.

Investigators identify the survey number of the key plots and 4 or more survey numbers/ subdivision numbers adjacent to the key survey number (clubbed survey numbers, if the area of survey numbers are small) as per the Instruction Manual of the survey. Wet and Dry land clusters are enumerated separately. Wetland clusters are enumerated in all three seasons-Autumn, Winter and Summer and dry land clusters are enumerated at least two times for Area enumeration during the Agriculture year.

The area under the crops of each season-annual, perennial, and horticulture crops etc., land utilization details, irrigation particulars, etc. are collected by the investigators at the time of area enumeration. Simultaneously, Investigators select and conduct crop-cutting experiments of all major crops and the selected minor crops for the estimation of yield rates and production of the respective crops

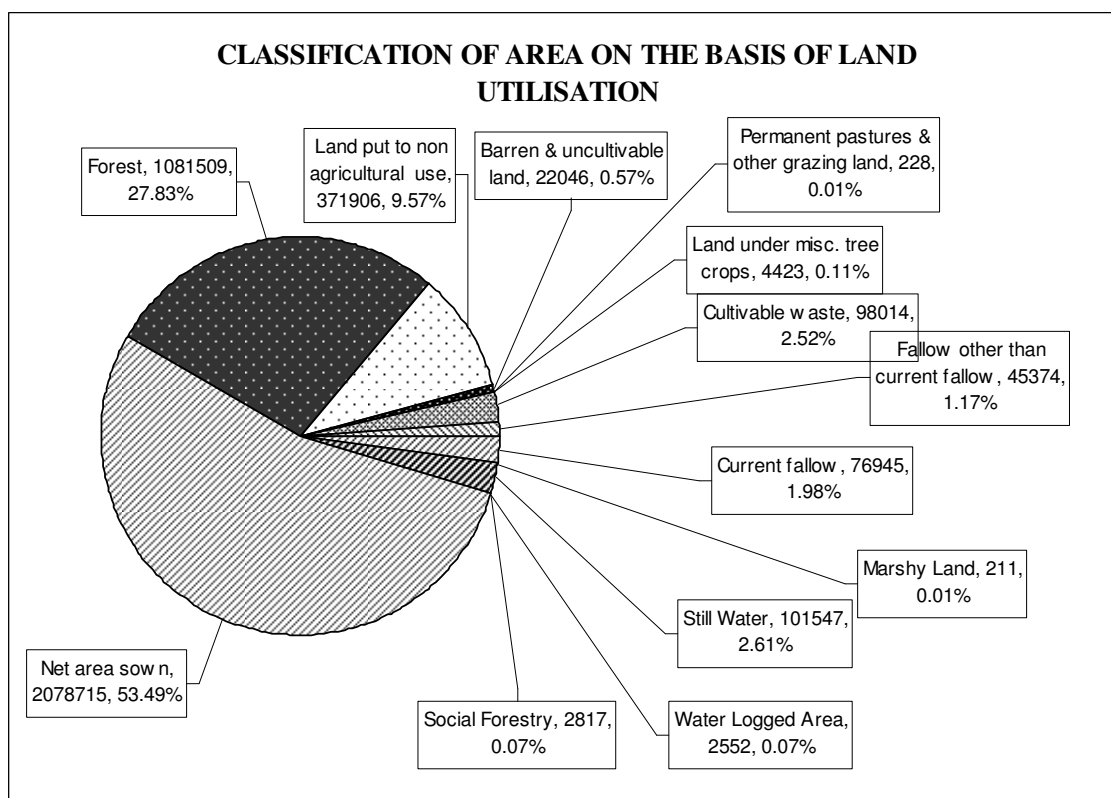
The data on mean yield of crops thus obtained are provided to the National Agriculture Insurance Company for assessing the crop damages of the selected crops in the respective seasons and to pay compensation to the concerned farmers insured crops under the National Agricultural Insurance Scheme (NAIS).

A BRIEF ANALYSIS OF THE AREA UNDER IMPORTANT CROPS

Land use pattern

The total geographical area of the State is 3886287 Ha. Geographical area in Kerala has been classified according to thirteen different uses of land during 2009-10 which is presented in Table-2. The net area under cultivation during the year 2009-10 was 2078715 Ha, which occupies 53.49% of the total area in the State. The total cropped area is 2668678 Ha during the year 2009-10.

1. **Forest:** Forest represents all actually forested area as the lands classed or administered as forest under any legal enactment dealing with forest. The forest area of the State during 2009-10 was 1081509 Ha which is 27.83% of the total geographical area of the State. Idukki district with an area of 198413 Ha under forest is the highest among districts in the State.



2. Land put to Non-Agricultural use: The land put to use for purposes other than agriculture such as building, pathways, roads, bus stands, railways etc. are brought under this category. Area under this classification is 371906 Ha accounting for 9.57% of the State's geographical area. In Palakkad district about 43,157 Ha (11.60%) put into non-agricultural uses is the highest followed by Malappuram district with an extent of 41,377 Ha (11.12%).

3. Barren and uncultivable land: Land which can not be brought under cultivation unless at a high cost whether such land is in isolated blocks or within cultivated holdings, such as mountains, deserts, hills etc are classified as barren and uncultivable land.

The total land comes under this category is 22046 Ha which represents 0.57% of the total geographical area of the State. Kasaragode district alone accounted for 7915 Ha which is 35.90% of the states barren and uncultivable land.

4. Permanent pastures and other grazing land:- All grazing lands, whether they are permanent pastures or meadows are considered as permanent pastures and other grazing lands. An extent of 228 Ha which is only 0.006% of the geographical area of the State falls under this category.

5. Land under miscellaneous tree crops :-All cultivable lands, which is not included under net area sown, but is put to some agricultural use such as land under casuarine, thatching grass and other groves for fuel etc. are come under this category. Out of the total geographical area, land under miscellaneous tree crops and groves not included in the net area sown and it occupies only 0.11%.

6. Cultivable waste : These includes land available for cultivation but not taken up for cultivation or abandoned after a few years for one reason or the other . Such lands may be either fallow or covered with shrubs or jungles, which are not put to any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings. Lands once cultivated but remaining uncultivated for five years or more in succession shall also be included in this category. The total area under cultivable waste is 98014 Ha ie, 2.52% of the total geographical area of the State. The area under this category is highest in Palakkad district accounting 27720 Ha.

7. **Fallow other than current fallow** : Land which were taken up for cultivation but have been temporarily put off cultivation for a period of not less than one year but not more than five years due to abject poverty of the cultivators, inadequate supply of water, silting of canals and rivers etc are treated as other fallow land. The total area under other fallow land accounts 45374 Ha which is 1.17% of the total geographical area. The land under this category was highest in Palakkad district with 10064 Ha followed by Ernakulam district with 7150 Ha during 2009-10.

8. **Current fallow** : Land that are kept fallow off out of the net area sown during the previous year are classified as current fallow for the reporting year. The area under this category during 2008-09 was 67759 Ha whereas for 2009-10 it is 76945 Ha.

9. **Marshy land** : Land which gets permanently or periodically inundated by water and characterized by vegetation which includes grasses and weeds. Out of the total geographical area only 211 Ha come under marshy land during the year 2009-10. Kannur district with 96 Ha ranked first contributing 45.50% to the total marshy land of the State.

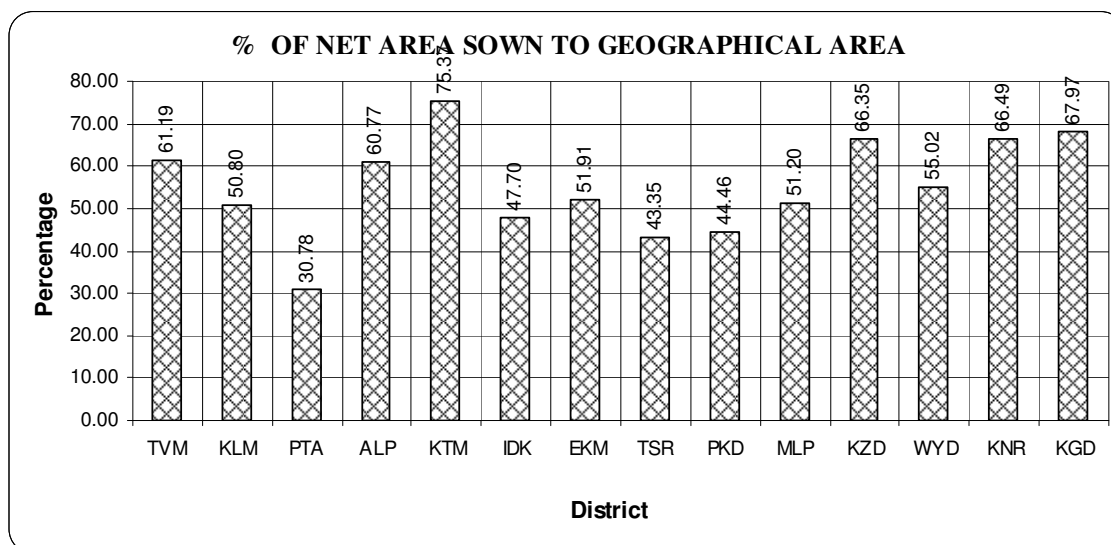
10. **Still water**: The land under still water is broadly the land occupied by water bodies like rivers, lakes, ponds, reservoirs, backwater, canals, tanks including nature made deeps in which water stands still for most part of the period. This is the land on which there is no vegetative growth of any kind. Out of the total geographical area of 3886287 Ha, 101547 Ha of land constituting 2.61% is land under still water. The land under still water is highest in Palakkad district followed by Alappuzha district.

11. **Water logged area** : It is the land where water is at/ near the surface and stands for most part of the year. It is generally found in low lying areas and it excludes lakes, ponds and tanks. The total water logged area for the year 2009-10 is 2552 Ha. It is the 0.07% of the total geographical area of the State.

12. **Social Forestry** : The land under social forestry is the land in which the trees are planted by the side of railway lines, road side, river and canal banks with a view to meeting the fuel and the fodder needs of the rural population and to serve the broader goals of soil conservation and provision of shed shelter for crops. It also includes village forests/plantation which is being used by common man. An extend of 2817 Ha of land comes under social

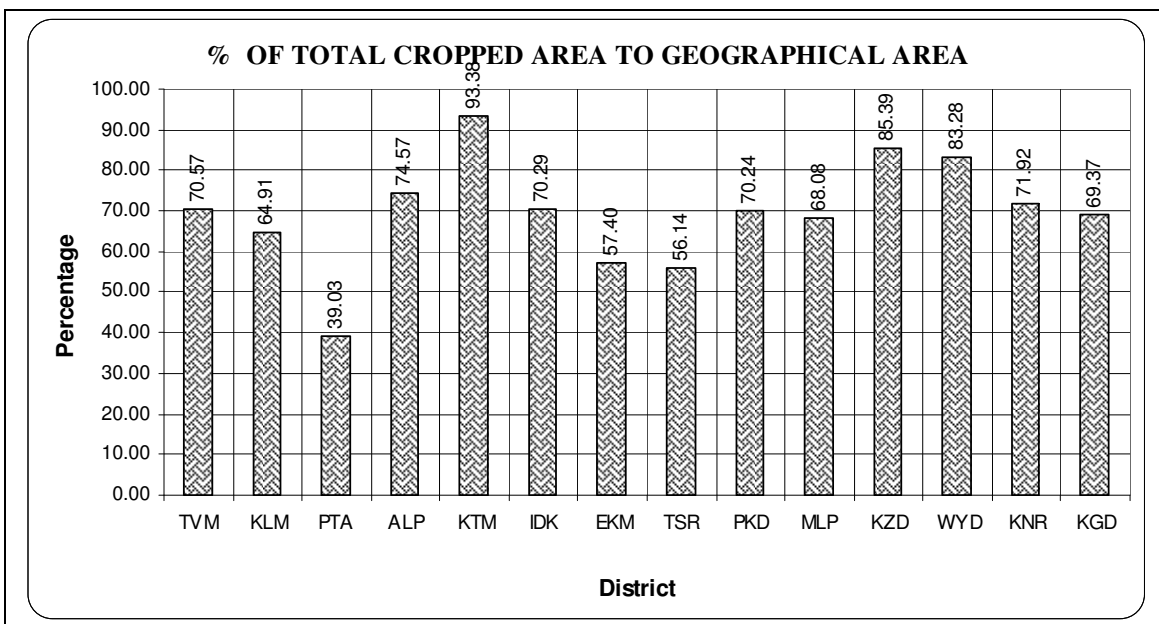
forestry. The land under social forestry is highest in Idukki district (47.92%) followed by Palakkad district (12.92%).

13. **Net Area Sown:** Net area sown represents the area sown under first crop during the year is Area cultivated during any part of the agricultural year should come under net area sown. In calculating the net area sown, area sown more than ones will be counted only once. Out of 3886287Ha of total geographical area, 2078715 Ha of land constituting 53.49% is cultivated once with various crops during the year 2009-10. It is decreased by 0.49% when compared with previous year.



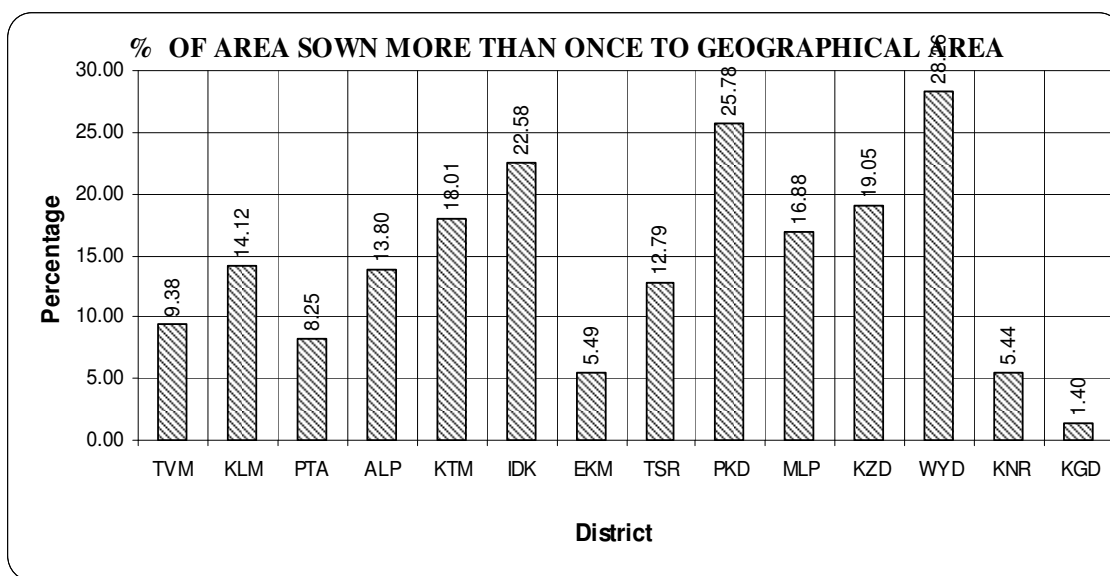
Total Cropped Area (Gross Area Sown)

The gross area sown represents the total area cultivated under all food and non-food crops including the area sown more than once during the year 2009-10. According to this concept the area under various crops in the same plot can be more than the actual area. The gross area sown during 2009-10 was 2668678 Ha as against 2694943 Ha in 2008-09. The gross area is decreased by 0.97% over the previous year.



Area sown more than once

This represents the difference between the gross area sown under all crops and the net area sown during the agricultural year. The area sown more than once during 2009-10 is 589963 Ha as against 605988 Ha in 2008-09.



AREA OF IMPORTANT CROPS

Agricultural crops in the state are broadly classified as two classes namely food crops and non-food crops. Food crops are classified as cereals & millets, sugar crops, spices & condiments, fresh fruits, vegetables, etc. The main food crop in Kerala is rice. The major non-food crops are rubber, betel leaves, lemon grass, etc. Also crops are divided as seasonal crops, annual crops and perennial crops on the basis of their life time.

Seasonal crops: Paddy, pulses, tapioca, vegetables, sweet potato, tubers, groundnut, ginger, turmeric, cotton, tobacco, onion, tur, etc.

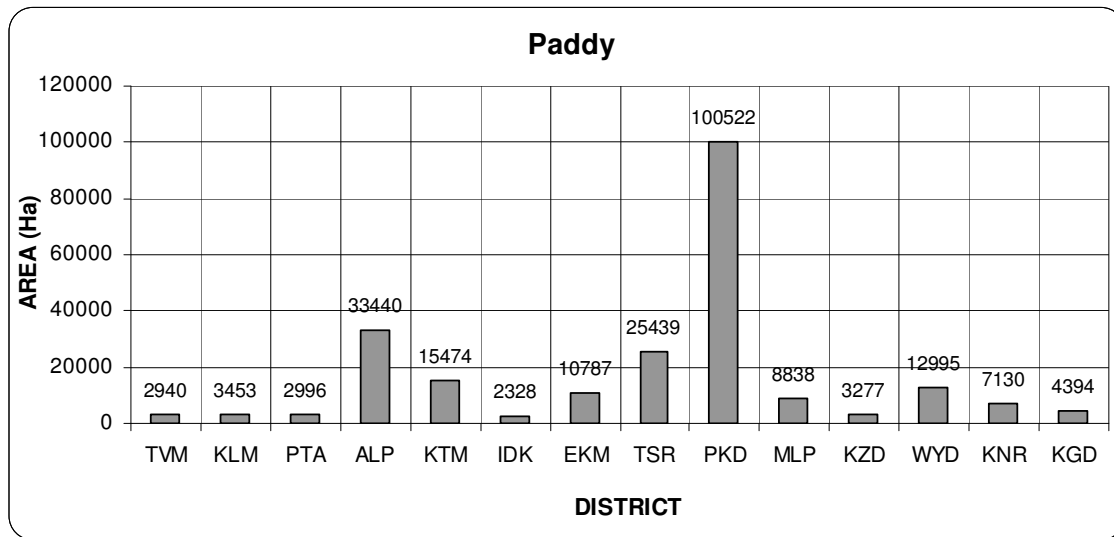
Annual crops: sugarcane, banana, plantain, pine apple, betel leaves.

Perennial crops: Coconut, Arecanut, cashew, mango, jack, tamarind, pepper, rubber, tea, coffee, cardamom, cloves, nutmeg, cinnamon, cocoa, papaya.

Paddy:

Area of paddy is collected in three seasons and its area is estimated even in panchayath level. Area of paddy cultivation during 2009-10 is 234013 Ha and is decreased by 252 Ha (0.1%) than the agricultural year 2008-09. Paddy accounted 8.77% of the total cropped area in the state during 2009-10. District wise analysis revealed that Palakkad district occupied the 1st top position with an area of 1,00,522 hectare and it is 43% of total paddy area in the state. This area shows an increase of 4332 hectare (5%) than the previous agricultural year 2008-09.

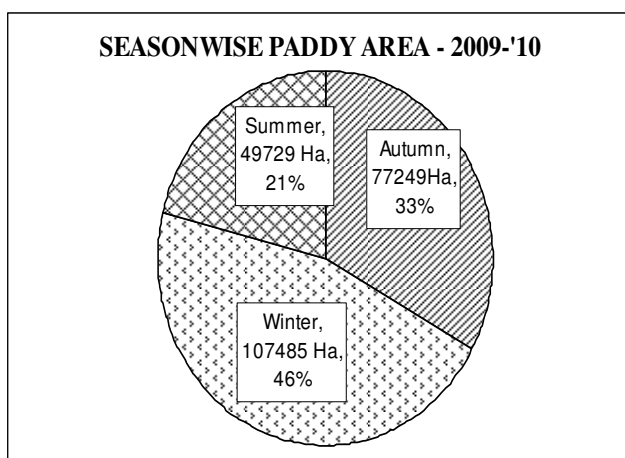
Alappuzha district has 2nd top position in area of paddy cultivation and it is 33440 hectare (14%). The paddy cultivation is least in Idukki district with an area of 2328 hectare (1%) and it was increased by 213 hectare (10%) than the previous agricultural year 2008-09. Palakkad, Alappuzha and Thrissur districts occupied 1st, 2nd and 3rd top positions respectively in area of paddy cultivation in the state from 2006-07 onwards.



District wise paddy area and its percentage to total paddy cropped area in the state and the percentage of paddy area to the total cropped area of the state for the agricultural year 2009-10 are mentioned in the table below:

Sl.No.	District	Paddy Area (Ha.)	% to state total	Gross cropped area	% of paddy area to Gross cropped area
1	Thiruvananthapuram	2940	1.26	154388	1.90
2	Kollam	3453	1.48	161498	2.14
3	Pathanamthitta	2996	1.28	103539	2.89
4	Alappuzha	33440	14.29	105158	31.80
5	Kottayam	15474	6.61	205851	7.52
6	Idukki	2328	0.99	306681	0.76
7	Ernakulam	10787	4.61	175552	6.14
8	Thrissur	25439	10.87	170057	14.96
9	Palakkad	100522	42.96	314371	31.98
10	Malappuram	8838	3.78	241997	3.65
11	Kozhikode	3277	1.4	200365	1.64
12	Wayanad	12995	5.55	177364	7.33
13	Kannur	7130	3.04	213692	3.34
14	Kasargode	4394	1.88	138165	3.18

By analyzing the percentage of paddy area to gross cropped area in district wise, it can be seen that Alappuzha district occupies 31.80% of paddy cultivation in 2009-10, where as it is 32.50 % in the previous year 2008-09. Palakkad district occupies 31.98% of area under paddy cultivation in 2009-10. There is a slight variation of 0.18 % is seen in the districts Alappuzha and Palakkad. Out of the Gross cropped area, Idukki district occupies only 0.76% for paddy cultivation, which is least among the districts.



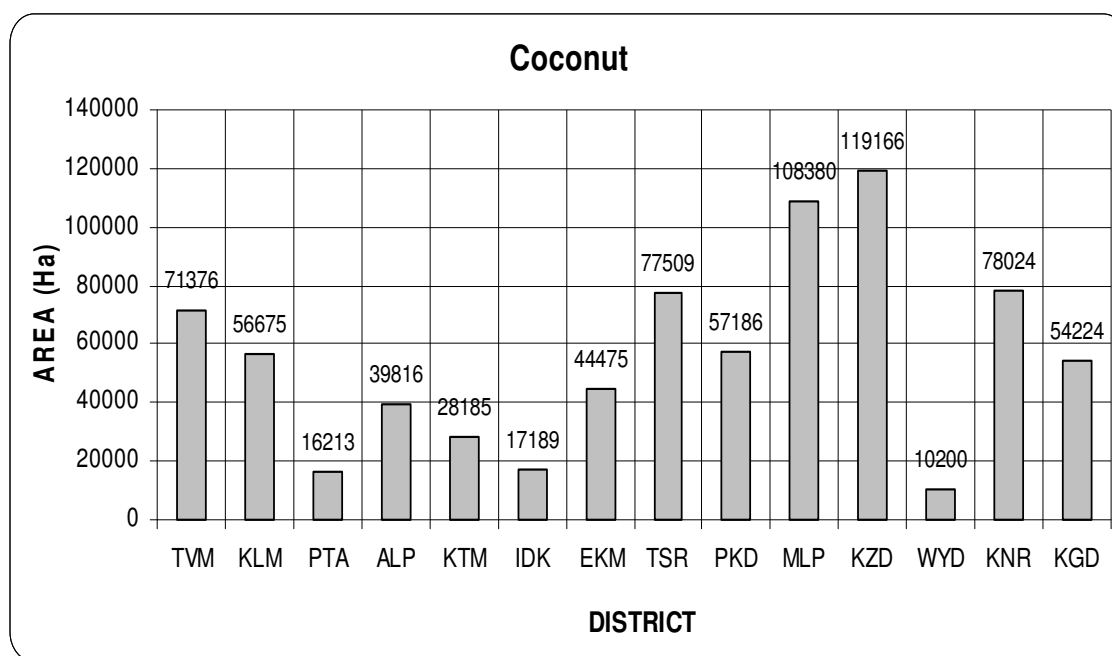
Season-wise paddy area is given in the above table. Season-wise analysis of paddy revealed that the area in autumn, winter and summer seasons were 77,249 Ha (33%), 1,07,485 Ha (46%) and 49,279 Ha (21%) hectares respectively. It shows that the paddy cultivated area was highest in winter season and least in summer season.

For autumn and winter seasons Palakkad district occupies 1st position and in summer season paddy cultivation is highest in Alappuzha district.

Variety wise analysis of paddy shows that the total area under cultivation of High Yielding Variety (HYV) of paddy during autumn season was 74029 Ha (95.83%) whereas the area of local varieties of paddy was 3220 Ha (4.17%). The corresponding areas for winter and summer seasons were 90,580 Ha (84.27%) (HYV), 16,906 Ha (15.73%) (Local) and 49,096 Ha (99.63%) (HYV) and 183 Ha (0.37) (Local).

Coconut

Considering the area under cultivation of crops, coconut occupied the 1st place among them. It is included in the category of oil seeds and it occupied 99% of the area of oil seeds. Area under coconut cultivation was 6.93 lakhs Ha during 1975-76, 7.05 lakh hectares during 1985-86 and 8.97 lakh hectares during 2005-06. The area under coconut cultivation was reached maximum during the year 2000-01 and it is 9,25,783 Ha. Also there is a decreasing tendency is seen in the area of coconut cultivation from 2004-05 onwards. The area of coconut cultivation during 2009-10 was 7,78,618 Ha and it shows a decrease of 9151 Ha (1.2%) than 2008-09. The Graphical representation of area of coconut from 2000-01 to 2009-10 is as follows.



District wise analysis revealed that Kozhikode district stands 1st position in area under coconut cultivation during 2009-10 and the area is 1,19,166 Ha(15%). Malappuram and Kannur districts have 2nd and 3rd places with area of 1,08,380 Ha (13.92%) and 78,024 Ha (10%) respectively. Coconut cultivation is least in Wayanad district and it is 1% of the total area of coconut cultivation in the state.

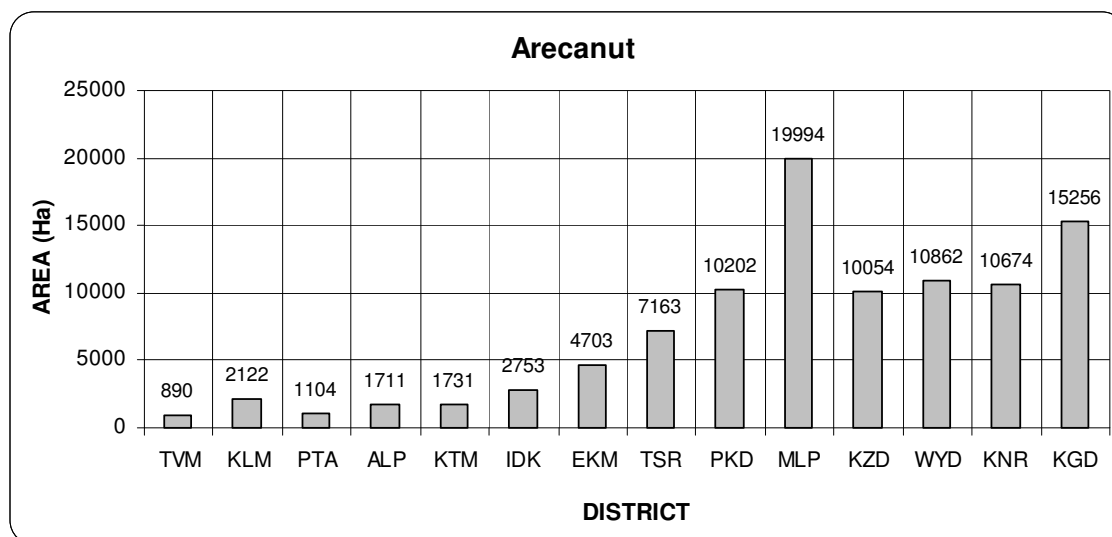
Other Oil seeds

Groundnut and Sesamum are other important oil seeds cultivated in the state. The area of Sesamum is slightly increased from 2007-08 onwards and the area during 2009-10 is 608 Ha. Alappuzha is the major cultivated district of sesamum during 2009-10.

Area of ground nut during 2009-10 is 1340 Ha and its area decreased by 393 Ha (23%) than the previous Agricultural year 2008-09. Groundnut is cultivated only in Palakkad district in our state.

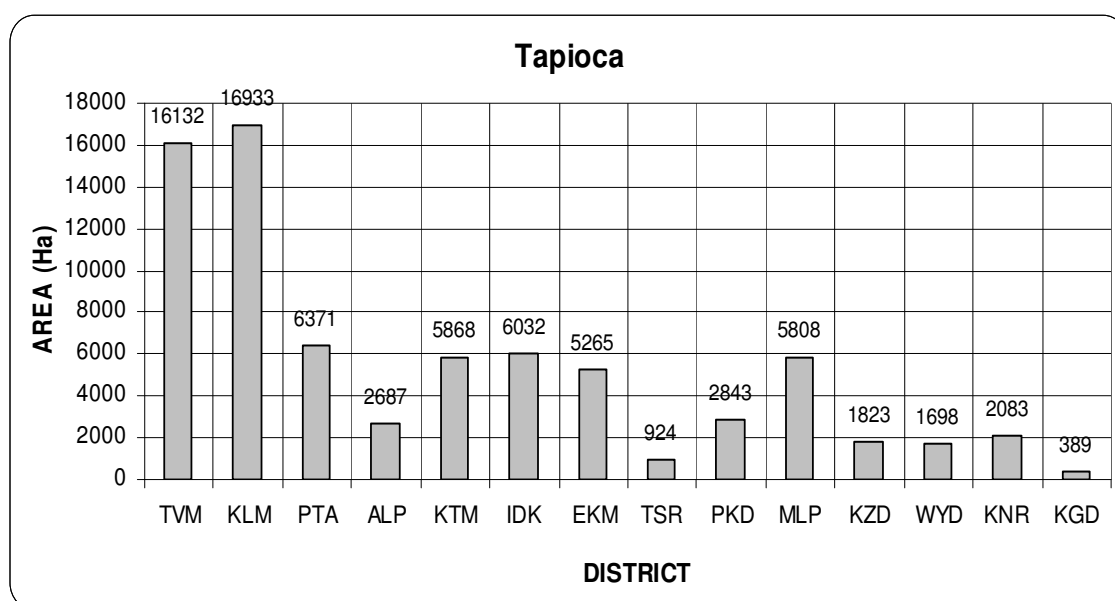
Arecanut

The area under cultivation of arecanut during 2009-10 is 99188 Ha. And this shows an increase of 1727 Ha (2%) area than the previous agricultural year 2008-09. Malappuram (20%), Kasargode (15%) and Wayanad (11%) districts stand in the 1st, 2nd and 3rd top positions in Arecanut cultivation during 2009-10. These districts stand in same order of ranking in the previous year also. Arecanut cultivation is least in Thiruvananthapuram district and the contribution is only 0.9% to the total area of arecanut cultivation in the state. On comparing with the district wise area of 2008-09, Pathanamthitta, Alappuzha, Palakkad, Malappuram & Kasargod districts have area increased under Arecanut cultivation during 2009-10. Among these 5 districts, 3407 Ha (21%) area increased in Malappuram district.



Tapioca

Tapioca is an important food crop in the state and it is extensively cultivated in almost all the districts. The total area of tapioca was 74,856 Ha during 2009-10, out of which the area in autumn, winter and summer were 16,069 (22%), 24,926 (33%) and 33,861 (45%) hectares respectively. An area of 12,385 Ha (14%) decreased during 2009-10 in tapioca cultivation than the last Agricultural year 2008-09. The area of tapioca cultivation was highest in summer season.



District wise analysis revealed that Kollam ranks 1st top position with 23% of the total tapioca cultivated area. Thiruvananthapuram (22%) and Pathanamthitta (9%) districts stand in the 2nd and 3rd top positions in tapioca cultivation. Kasargod was the lowest tapioca cultivated district in the state during 2009-10 with only 0.5% of the total tapioca cultivated area in the state.

Tubers

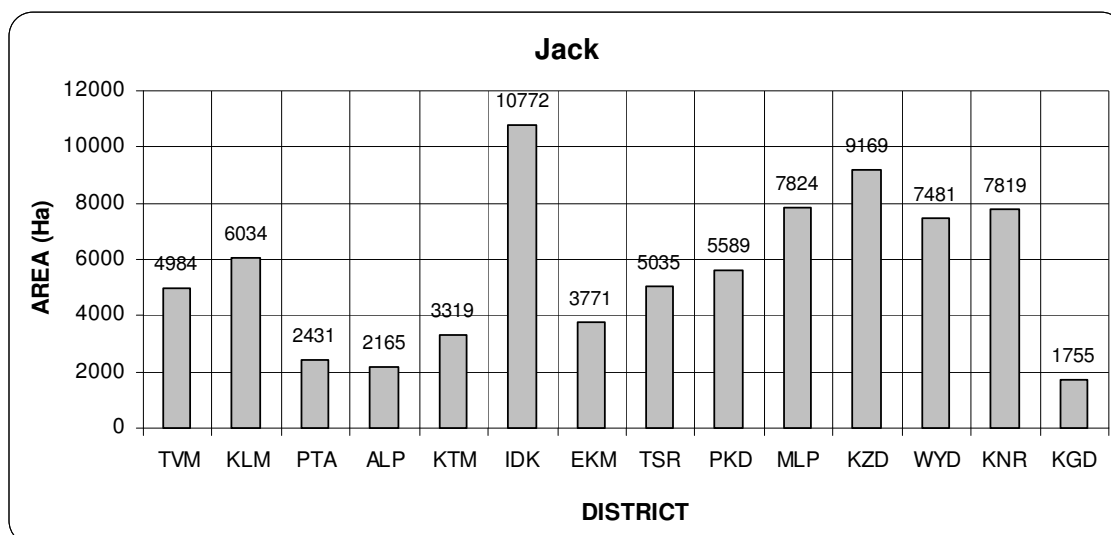
Tubers representing 2% area of food crops during 2009-10. Elephant foot yam, colocasia, yam, sweet potato and others include the category tubers. The total area of tubers during 2009-10 is 21,374 Ha. On comparing with 2008-09, area of 2106 Ha (9%) decreased

during the year 2009-10. Colocasia representing a major area in tubers and its contribution is 41%. Kollam stands 1st in the cultivation of colocasia and yam, Palakkad stands 1st in sweet potato. Area of elephant foot yam, colocasia and yam is largely increased in Pathanamthitta district during 2009-10 than 2008-09.

Fresh fruits

Jack, Mango, Banana, Plantain, pineapple, papaya are some of the important fruits cultivated all over the state. Crop wise analysis of some important fruits given below.

Jack

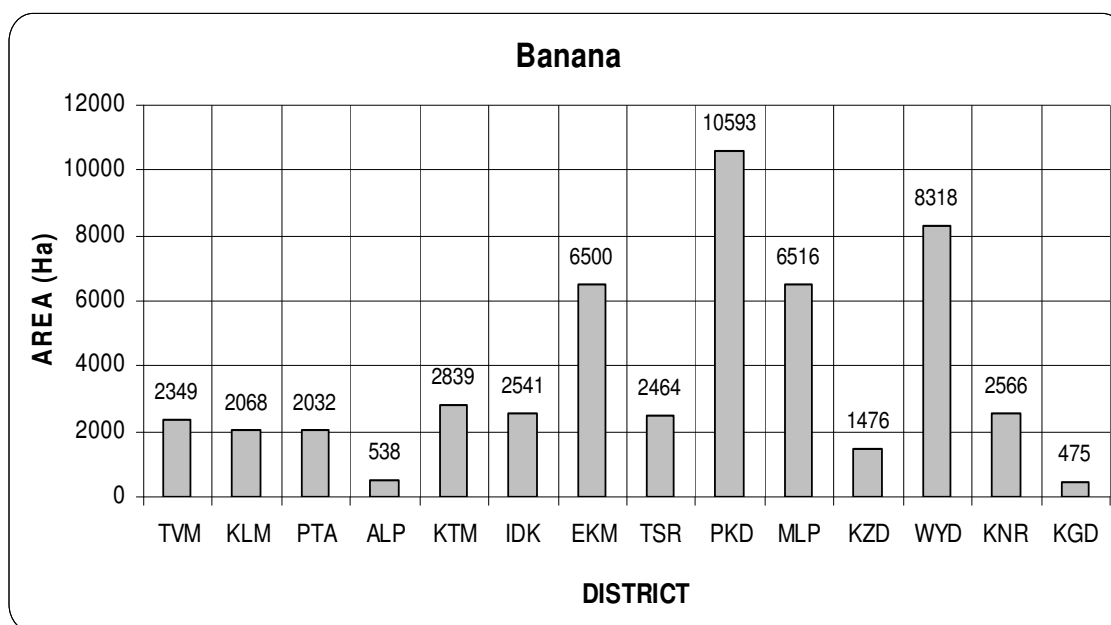


Considering the area under cultivation of fresh fruits jack occupied 1st position among them and this crop occupied 28% area of fresh fruits. The area of jack cultivation during 2009-10 was 78,148 Ha whereas it was 79,288 Ha in 2008-09. During 2009-10 an area of 1% is reduced than the last year and 18% reduced on comparing with 2005-06. Idukki, Kozhikode and Malappuram districts stands 1st, 2nd and 3rd positions in jack cultivation with area of 14%, 12% and 10% respectively.

Mango

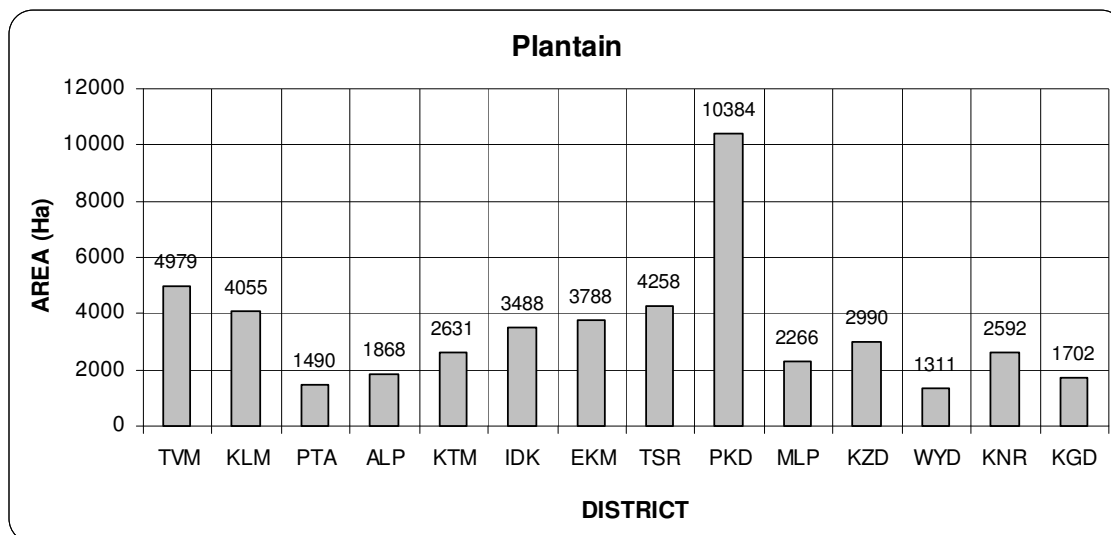
Mango is called as the, 'king of fruits' and it has 2nd place in the area under cultivation of fresh fruits. During 2009-10, the area of mango cultivation in our state was 63,751 Ha and this occupies 23% of the area of fresh fruits. During 2009-10 an area of 4% is reduced than the last year and 28% reduced on comparing with 2005-06. District wise analysis revealed that Palakkad district stands 1st position (12%) in the area under of mango tree cultivation in the state followed by Kozhikode district with 12% of area and Kannur has 3rd position with area of 11%.

Banana

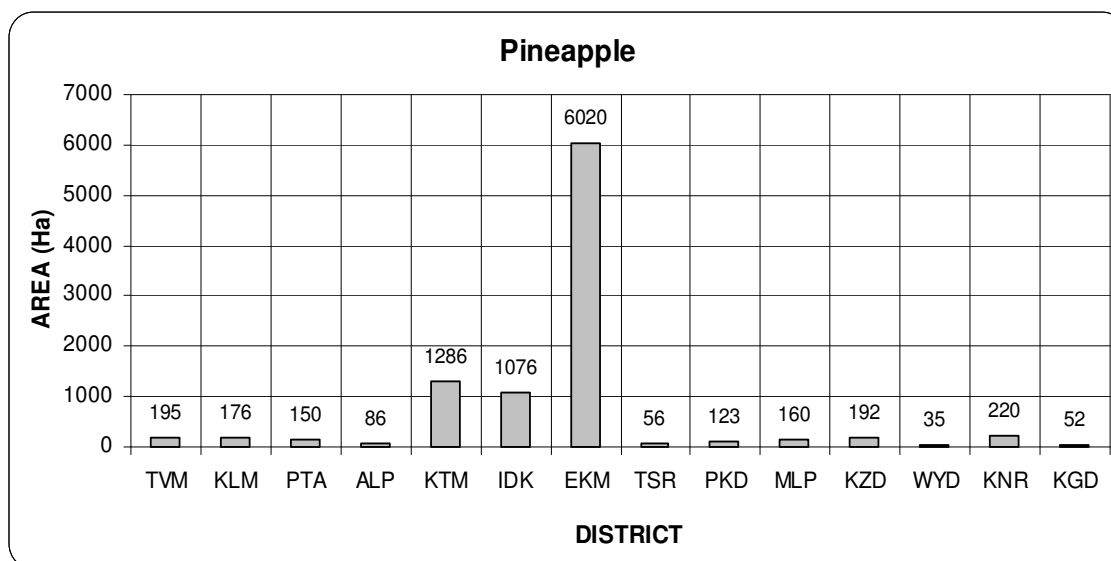


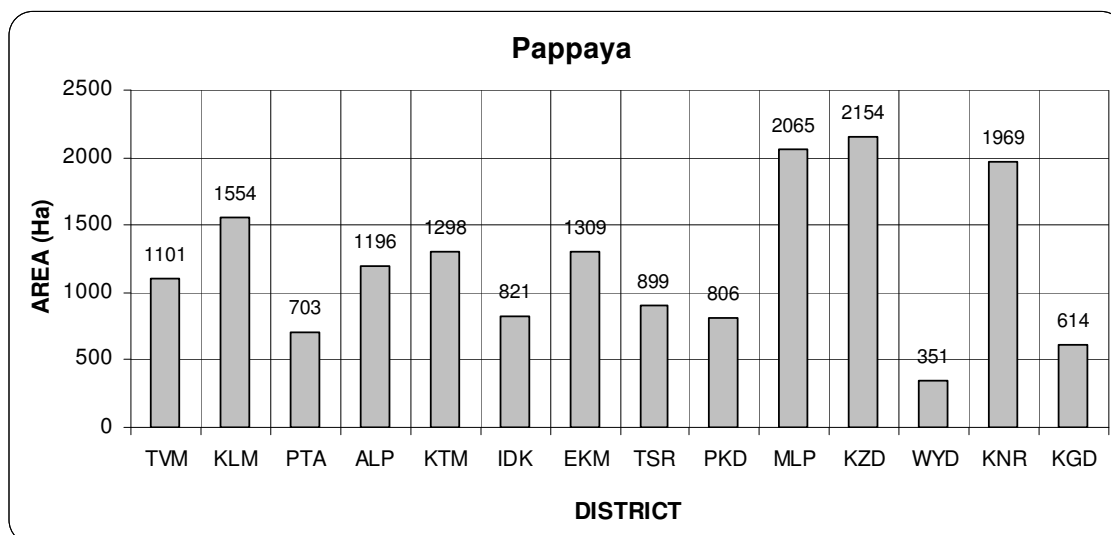
Banana occupies 3rd top position in the area of fruits cultivation in our state and its contribution is 18%. The total area of banana cultivation was 51,275 Ha. during 2009-10 where as it was 54739 Ha. during 2008-09. During 2009-10, an area of 6% reduced than the previous year 2008-09 and 16% reduced on comparing with 2005-06. Palakkad & Wayanad districts stand in the 1st and 2nd positions in banana cultivation from 2007-08 onwards. Banana cultivation is least in Kasargod district and its contribution is only 475 Ha.

Plantain



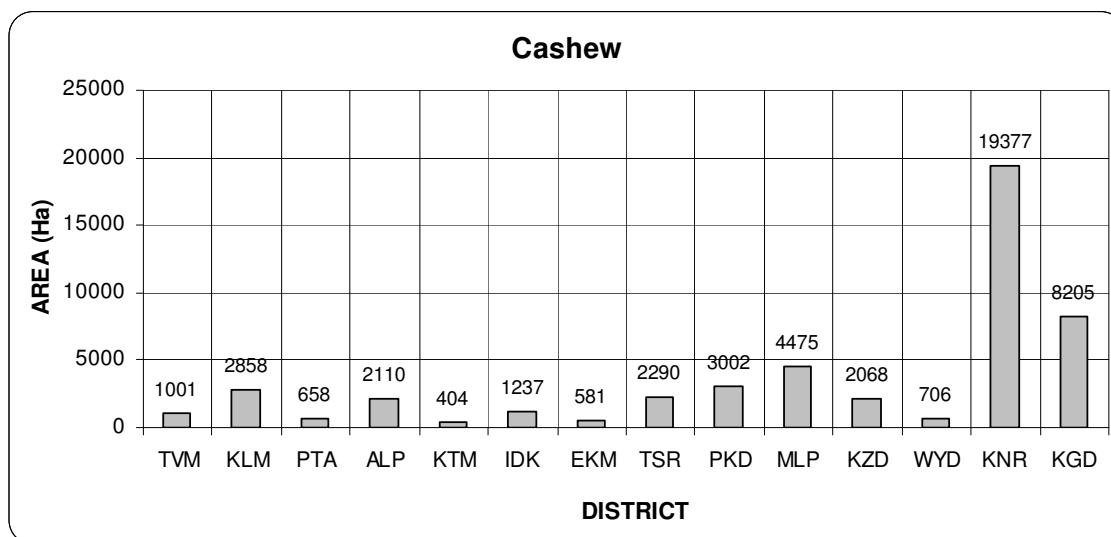
During 2009-10, the area under plantain cultivation was 47,802 Ha whereas the area during 2008-09 was 50126 Ha. On comparing with 2005-06, area under cultivation of Plantain reduced 13% during 2009-10. By analyzing district wise area during 2009-10, Palakkad (22%), Thiruvananthapuram (10%) and Kollam (8%) districts stand 1st, 2nd and 3rd positions in the area under plantain cultivation in our state.





Like the above mentioned fruits, the area of pineapple and papaya is also reduced 6 and 7% respectively compared with the last year. On comparing with 2005-06, 23% area in pineapple and 11% area in papaya are reduced during 2009-10. Pineapple occupies 3% and papaya occupies 6% of the area of fresh fruits. Kozhikode district stands 1st in the area of papaya cultivation and Ernakulam stand 1st in Pineapple cultivation during 2009-10.

Cashew



Cashew is an important dry fruit and earned good foreign earning in each year. For the last year area under cashew cultivation was 53,007 Ha where as in 2009-10 its area is 48972 Ha. Its area decreased by 8% in the year 2009-10 than the last year 2008-09. District wise analysis of cashew cultivation shows that this crop is largely cultivated in Kannur district with an area of 19,377 Ha (40%) followed by Kasargod district with an area of 8,205 Ha (17%) and the same is lowest in Kottayam district representing only 1%.

On comparing with the area of 2005-06, 37% area reduced during 2009-10 under cashew cultivation. District wise analysis of last 5 years revealed that Kannur, Kasargod and Malappuram districts stand 1st three positions in the area of cashew cultivation.

Pulses

Pulses cultivate in autumn, winter and summer seasons. The total area of cultivation of pulses including tur during 2009-10 is 4449 Ha and its area increased by 546 Ha (14%) than the last year 2008-09. By analyzing district wise area, Palakkad occupies 67% of the area of pulses cultivation. Wayanad Kannur and districts have next two positions in the area under cultivation of pulses in the state.

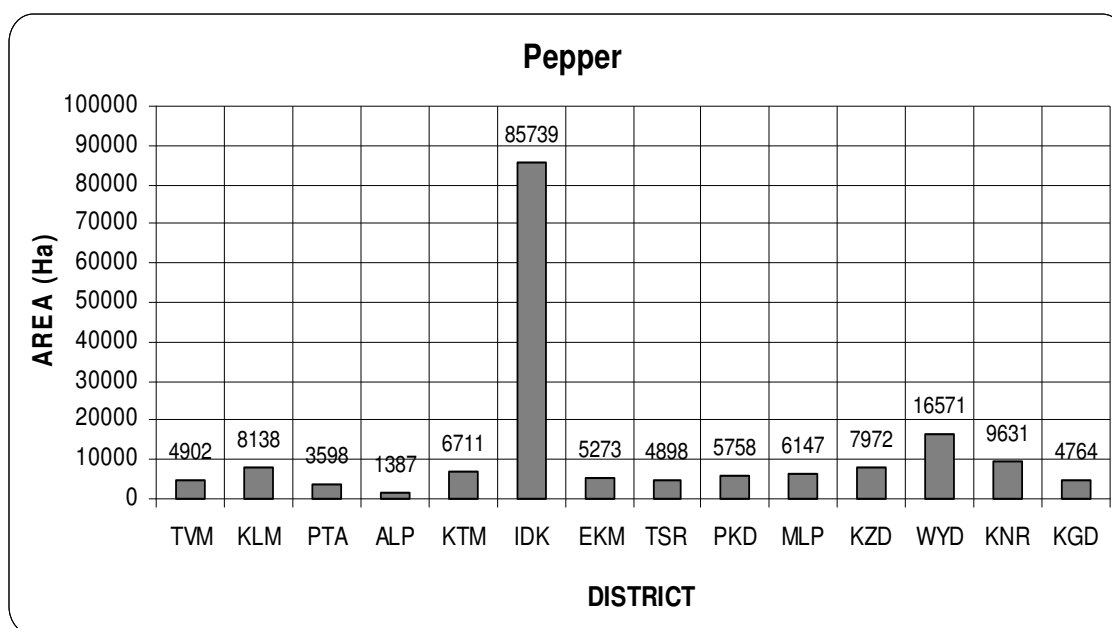
Spices & Condiments

The important spices and condiments crops being cultivated in our state are pepper, ginger, turmeric, cardamom, nutmeg, cinnamon, garlic and cloves. During 2009-10, the area of spices & condiments were 3,51,658 Ha. Out of that 49% of area representing pepper. A brief analysis of some important crops mentioned below:

Pepper

Pepper occupies major area of spices & condiments in every year. Area during 2009-10 was 1,71,489 Ha and it shows an increase of 17,778 Ha (12%) than the previous agricultural year 2008-09. During 2005-06, the total pepper cultivated area in the state was 2.38 lakhs Ha. On comparing with 2005-06, 28% area reduced during the year 2009-10.

Idukki and Wayanad districts stand 1st and 2nd positions in the area of pepper cultivation during the period of last 6 years. Pepper cultivation is least in Alappuzha district and its contribution is only 0.8%.

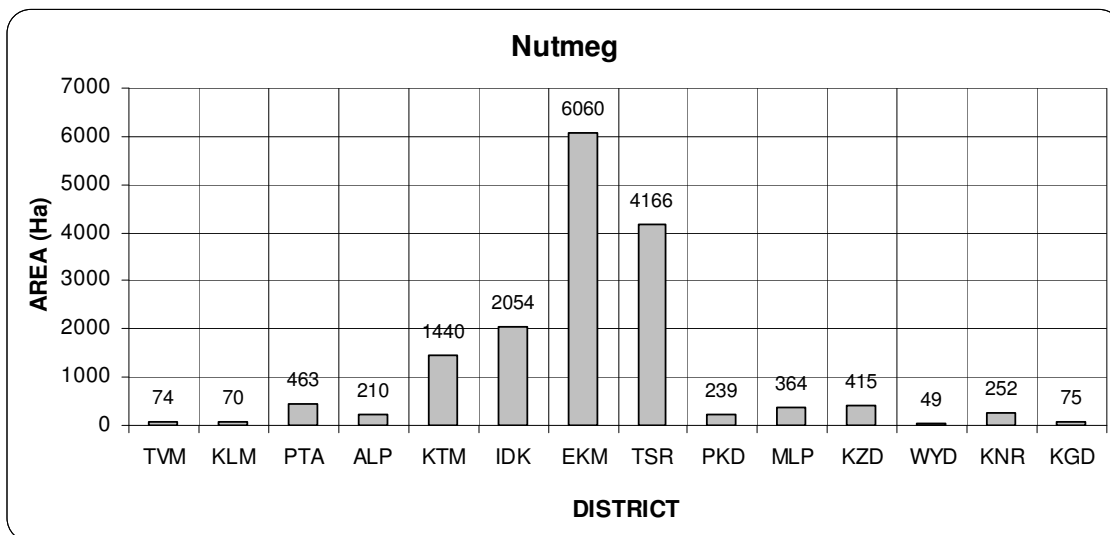


Cardamom

The area of cardamom cultivation during 2009-10 in our state was 41,593 Ha. It occupies 12% of the category Spices & Condiments and it has 3rd top position in Spices and Condiments. On comparing with 2005-06, the area of cardamom cultivation was increased 226 Ha (0.5%) during 2009-10. Also on comparing with 2008-09, area increased 5 Ha during 2009-10. The area of cardamom cultivation was highest in Idukki district with an area of 33,083 Ha (80%).

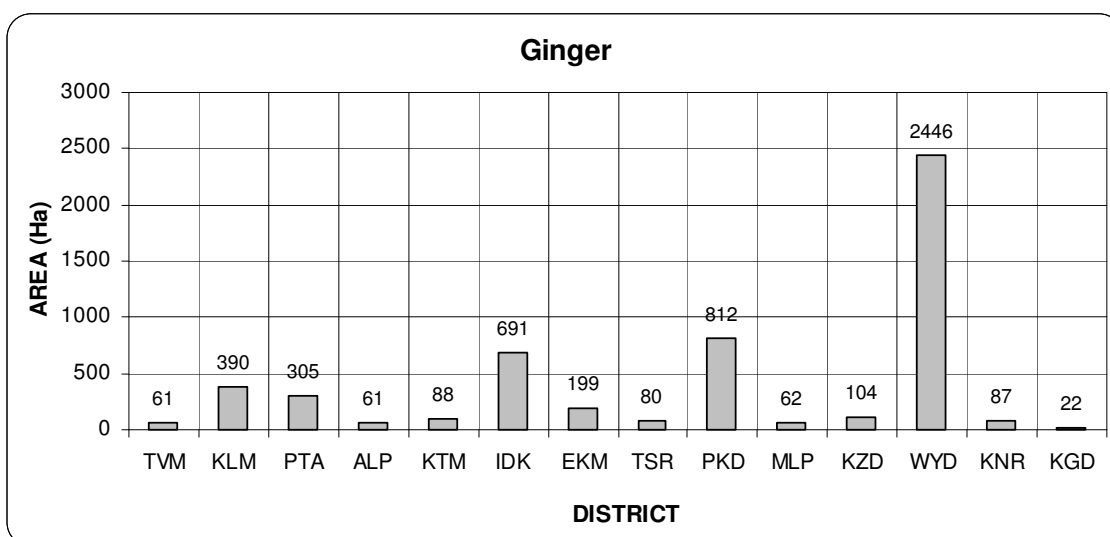
Nutmeg

The total area of nutmeg cultivation was 15,931 Ha during 2009-10. During 2009-10, 2% area is reduced than the last year and 45% area increased on comparing with 2005-06.



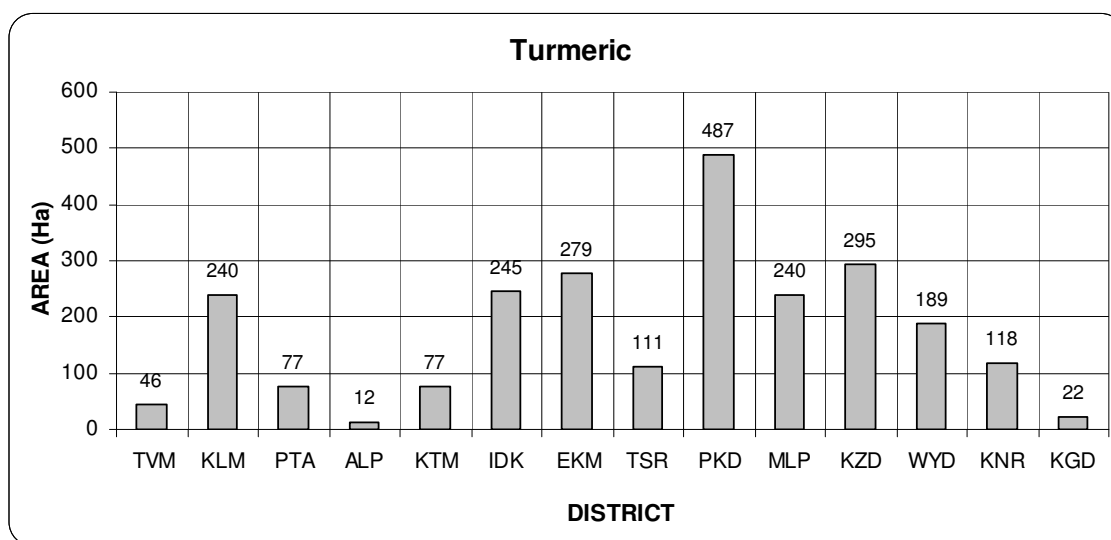
On comparing with the area of last 5 years, the area of nutmeg cultivation in the state was highest in the agricultural year 2008-09 and the area is 16,187 Ha. Ernakulam district stands 1st place with 38% area under nutmeg cultivation followed by Thrissur district with an area of 26%.

Ginger



During 2009-10, the area under cultivation of ginger was 5408 Ha whereas the area during 2008-09 was 7,421 Ha. Also the area of ginger during 2005-06 was 12,226 Ha. That is 56% area reduced during this period. The area under cultivation of ginger shows a decreasing trend from 2005-06 onwards. District wise analysis revealed that Wayanad is the major ginger cultivated district in our state.

The area of turmeric is decreased from 2782 Ha in 2008-09 to 2438 Ha in 2009-10. That is a decrease of 12% over the last year.



Garlic is cultivated only in Idukki district and its area is 336 Ha.

Sugar Crops

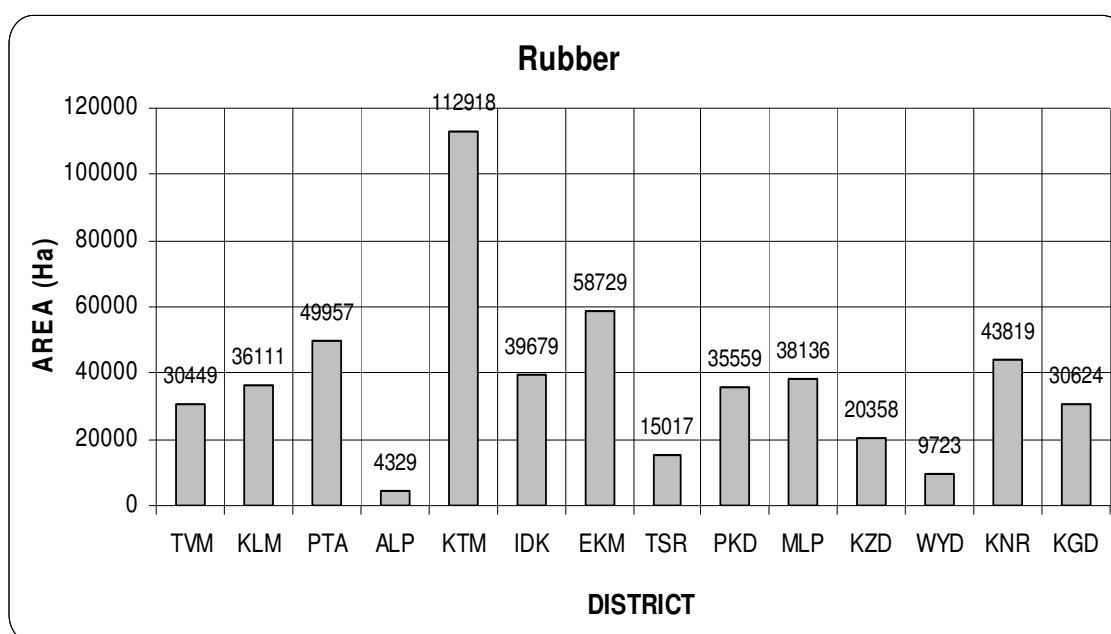
Two important sugar crops cultivated are sugarcane and palmyrah. Total area of sugarcane cultivation during the year 2009-10 is 2972 Ha and the corresponding area of sugarcane during the last year was 3392 Ha. Its area is decreased 12% when compared with the last year.

Total area of palmyrah cultivation during the year 2009-10 is 4219 Ha and the corresponding area of Palmyrah during the last year was 4297 Ha. Its area is decreased 2% when compared with the last year.

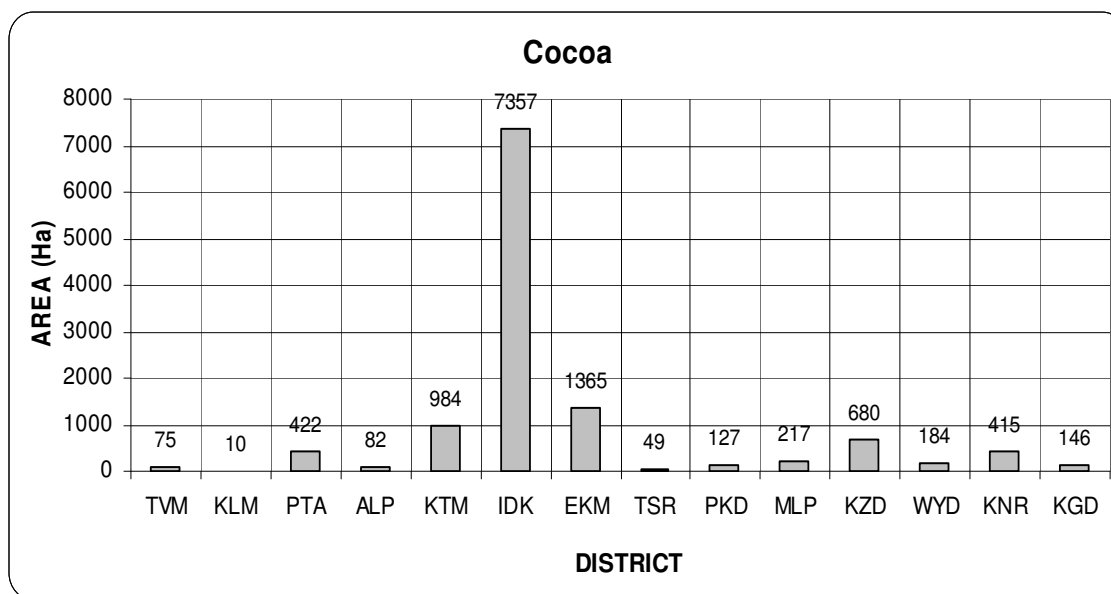
Total area of sugar crops during the year 2009-10 is 7191 Ha and it is regularly decreased from 2007-08 onwards. On comparing the total area of sugar crops during the last 5 years, highest area is in the agricultural year 2008-09 and is 7689 Ha

Plantation Crops

The important plantation crops cultivated in the state are Tea, Coffee, Rubber and cocoa. The total area of plantation crops is 6,59,162 Ha during the year 2009-10 and it shows an increase of 5173 Ha (0.79%) over the last year 2008-09. Among the plantation crops rubber occupies 5, 25,408 Ha which represents 80% of the total area of plantation crops. Tea accounted only 5%, coffee accounted 13% and cocoa accounted 2% of the total area of plantation crops.



Kottayam district (21%) stands 1st in the area of rubber, Idukki stands 1st in tea (67%) and cocoa (61%) and wayanad district stands 1st in coffee.



Fibre, Drugs and Narcotics

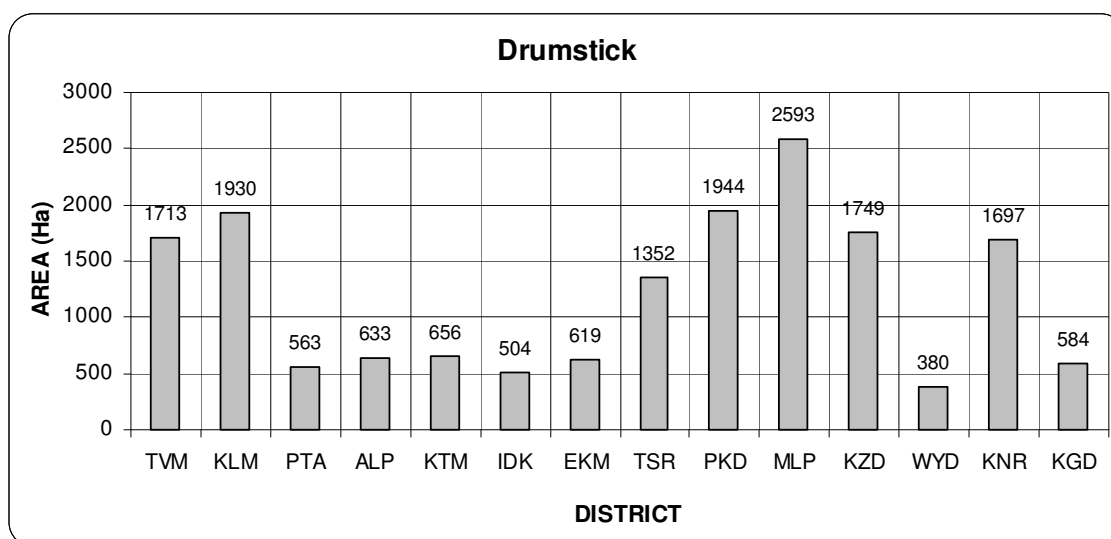
Cotton, Betel leaves, tobacco and lemongrass include this category. Cotton is cultivated only in Palakkad district. The area under cultivation of cotton is 1018 Ha which represents 48% of the total area of Fibre, Drugs and Narcotics. Its area decreased by 12% over the last year 2008-09. Also on comparing with 2005-06, 62% area decreased during the year 2009-10.

The area of tobacco and lemongrass cultivation during 2009-10 was 29 Ha and 613 Ha respectively whereas the areas in 2008-09 are 39 Ha and 550 Ha. That is 26% area decreased in tobacco and 11% area increased in lemongrass during the year 2009-10. Tobacco cultivated in our state is only in Kasargod district.

Betel leaves occupied an area of 447 Ha during the year 2009-10. An area of 4% is decreased over the last year. The highest betel leaves cultivated district is Malappuram with an area of 236 Ha (53%) followed by Kollam district with an area of 43 Ha (10%).

Vegetables

Drumstick, Amaranthus, Bitter Gourd, Snake Gourd, Ladies Finger, Brinjal, Green chillies, etc. are the important vegetables cultivated in our state. Except Ladies Finger area of all other vegetables shows a decreasing trend. A slight decreasing trend of 0.8% is seen in the total area of vegetables during 2009-10 than the year 2008-09.



Medicinal plants

Area of medicinal plants for the year 2009-10 is 1623 Ha where as for the year 2008-09 it was 1474 Ha. Its area is increased by 10% over the previous year.

From the above facts, it is understood that, the total area of food grains shows a small increasing trend for the year 2009-10. But the area of total food crops is decreased by 1.3%. Also the total area of Non food crops is decreased as 16.01 lakhs Ha (0.73%) in 2009-10 as compared with the last year 2008-09. The total cropped area in our state for the year 2009-10 has been decreased 0.97% during the year 2009-10 compared with the year 2008-09.

The following statement gives a clear picture about the cropping pattern of the state for the year 2009-10.

Total Cropped area	:	26,68,678 Ha
Net Area sown	:	2078715 Ha
Net Area irrigated (Source wise)	:	386262 Ha
Net Area irrigated (Source wise) to Net Area sown	:	18.58%
Irrigated paddy area to total paddy area	:	72.26%
Cropping Intensity	:	128.38%

TABLE-1
AREA & PRODUCTION OF IMPORTANT CROPS IN KERALA
FOR THE YEAR 1999-'00 & 2009-'10

Sl. No.	Crop	Area (Ha)			Production (Tonnes)		
		1999-'00	2009-10	% Variation	1999-'00	2009-10	% Variation
1	Paddy!!	349774	234013	-33	770686	598337	-22
2	Tapioca	111922	74856	-33	2531752	2525384	-0.25
3	Coconut *	925035	778618	-16	5680	5667	-0.23
4	Pepper	198406	171489	-14	47543	28497	-40
5	Cashew	89403	48972	-45	65547	35818	-45
6	Rubber	472900	525408	11	572820	745510	30
7	Groundnut	6921	1340	-81	5144	992	-81
8	Sesamum	2612	608	-77	71 8	206	-71
9	Cotton #	4772	1018	-79	7702	1324	-83
10	Pulses	10985	4449	-59	8571	3390	-60
11	Ginger (Dry)	11264	5408	-52	41344	28603	-31
12	Turmeric	3971	2438	-39	8362	6066	-27
13	Banana	39046	51275	31	398145	406242	2
14	Tobacco	44	29	-34	245	29	-88
15	Total Cereals	355004	237079	-33	774100	600054	-22
16	Arecanut	81941	99188	21	83337	116763	40
17	Coffee	84139	84796	1	60470	59250	-2
18	Tea	34793	36845	6	61955	57810	-7

*Production in million nuts

Production in bales of 170 Kg.

!! Production in Rice

TABLE - 2

CLASSIFICATION OF AREA ON THE BASIS OF LAND UTILISATION

Sl. No	District	Total Geographical area	Forest	Land put to non agricultural use	Barren & uncultivable land	Permanent pastures & other grazing land	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	Total cropped Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Thiruvananthapuram	218781	49861	26651	224	0	30	418	336	2904	8	4340	91	56	133862	20526	154388
2	Kollam	248788	81438	24860	201	0	79	1364	1164	4714	17	7860	635	84	126372	35126	161498
3	Pathanamthitta	265277	155214	16371	220	0	132	2411	1885	4432	0	2698	165	106	81643	21896	103539
4	Alappuzha	141011	0	21755	176	0	175	14264	4064	2344	33	12144	326	33	85697	19461	105158
5	Kottayam	220442	8141	24591	1512	0	128	4711	3173	5418	6	6362	159	87	166154	39697	205851
6	Idukki	436328	198413	10712	2116	171	216	2699	989	1041	0	10480	1	1350	208140	98541	306681
7	Eranakulam	305826	70617	37050	1193	7	133	9938	7150	10876	28	9664	290	117	158763	16789	175552
8	Thrissur	302919	103619	33862	292	29	341	6855	5437	12629	4	8080	278	169	131324	38733	170057
9	Palakkad	447584	136257	43157	3451	0	1546	27720	10064	11050	0	14979	0	364	198996	115375	314371
10	Malappuram	355446	103417	41377	1529	17	379	4760	5051	10609	0	6082	64	175	181986	60011	241997
11	Kozhikode	234641	41386	26512	1063	0	159	2402	820	1805	18	4650	120	29	155677	44688	200365
12	Wayanad	212966	78787	9381	206	2	79	1209	370	1647	1	4055	14	33	117182	60182	177364
13	Kannur	297112	48734	28307	1948	0	272	6475	2662	4462	96	6149	391	73	197543	16149	213692
14	Kasaragod	199166	5625	27320	7915	2	754	12788	2209	3014	0	4004	18	141	135376	2789	138165
	State	3886287	1081509	371906	22046	228	4423	98014	45374	76945	211	101547	2552	2817	2078715	589963	2668678

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-3

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Paddy				Jower	Ragi	Other Cereals	Total Cereals/ Millets	Pulses including Tur				Total Food Grains
		Autumn	Winter	Summer	Total					Autumn	Winter	Summer	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thiruvananthapuram	1417	1360	163	2940	0	0	0	2940	3	1	61	65	3005
2	Kollam	878	2471	104	3453	0	0	0	3453	3	4	198	205	3658
3	Pathanamthitta	185	603	2208	2996	0	0	0	2996	0	0	0	0	2996
4	Alappuzha	9128	7492	16820	33440	0	0	0	33440	0	0	113	113	33553
5	Kottayam	3940	3138	8396	15474	0	0	0	15474	0	2	186	188	15662
6	Idukki	588	1531	209	2328	10	0	12	2350	2	19	120	141	2491
7	Ernakulam	4090	5121	1576	10787	0	0		10787	0	2	160	162	10949
8	Thrissur	3901	12549	8989	25439	0	0		25439	0	0	1	1	25440
9	Palakkad	45200	49056	6266	100522	2516	292	214	103544	78	2874	34	2986	106530
10	Malappuram	1187	6356	1295	8838	0	0		8838	0	2	64	66	8904
11	Kozhikode	173	2494	610	3277	0	0		3277	0	0	20	20	3297
12	Wayanad	0	10576	2419	12995	16	0		13011	0	1	222	223	13234
13	Kannur	4098	2924	108	7130	0	0		7130	0	53	168	221	7351
14	Kasaragode	2464	1814	116	4394	5	1		4400	0	19	39	58	4458
		77249	107485	49279	234013	2547	293	226	237079	86	2977	1386	4449	241528

TABLE-3 (contd..)

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Sugar Crops			Spices and Condiments												Grand Total
		Sugar Cane	Palmyrah	Total	Pepper	Ginger	Turmeric	Cardamom *	Areca nut	Tamarind	Vanilla	Cloves	Nutmeg	Cinnamon	Garlic	Total	
1	2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Thiruvananthapuram	0	52	52	4902	61	46		890	817	4	28	74	2	0	6824	6876
2	Kollam	2	26	28	8138	390	240		2122	600	7	35	70	4	0	11606	11634
3	Pathanamthitta	9	39	48	3598	305	77	664	1104	196	29	22	463	10	0	6468	6516
4	Alappuzha	66	18	84	1387	61	12		1711	387	3	16	210	31	0	3818	3902
5	Kottayam	31	364	395	6711	88	77	200	1731	370	127	192	1440	23	0	10959	11354
6	Idukki	2201	210	2411	85739	691	245	33083	2753	444	429	711	2054	36	336	126521	128932
7	Ernakulam	5	235	240	5273	199	279		4674	677	54	15	6060	43	0	17303	17543
8	Thrissur	1	148	149	4898	80	111		7163	1544	14	15	4166	17	0	18008	18157
9	Palakkad	647	2319	2966	5758	812	487	2754	10202	4389	37	21	239	16	0	24715	27681
10	Malappuram	0	381	381	6147	62	240	70	19994	1515	29	10	364	27	0	28458	28839
11	Kozhikode	1	180	181	7972	104	295	220	10054	720	42	57	415	51	0	19930	20111
12	Wayanad	7	96	103	16571	2446	189	4106	10862	132	120	24	49	20	0	34519	34622
13	Kannur	1	105	106	9631	87	118	128	10674	724	83	32	252	37	0	21766	21872
14	Kasaragode	1	46	47	4764	22	22	368	15256	193	31	28	75	4	0	20763	20810
	State	2972	4219	7191	171489	5408	2438	41593	99188	12708	1009	1206	15931	321	336	351658	358849

TABLE-3 (contd..)

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Fresh Fruits								Dry Fruit	
		Jack	Mango	Banana	Plantain	Pineapple	Pappaya	Other Fresh Fruits	Total	Cashew	Total Fruits
1	2	32	33	34	35	36	37	38	39	40	41
1	Thiruvananthapuram	4984	3069	2349	4979	195	1101	393	17070	1001	18071
2	Kollam	6034	4718	2068	4055	176	1554	580	19185	2858	22043
3	Pathanamthitta	2431	1420	2032	1490	150	703	826	9052	658	9710
4	Alappuzha	2165	3622	538	1868	86	1196	620	10095	2110	12205
5	Kottayam	3319	2153	2839	2631	1286	1298	676	14202	404	14606
6	Idukki	10772	4547	2541	3488	1076	821	587	23832	1237	25069
7	Ernakulam	3771	3723	6500	3788	6020	1309	780	25891	581	26472
8	Thrissur	5035	6191	2464	4258	56	899	1171	20074	2290	22364
9	Palakkad	5589	7701	10593	10384	123	806	1185	36381	3002	39383
10	Malappuram	7824	6595	6516	2266	160	2065	988	26414	4475	30889
11	Kozhikode	9169	7430	1476	2990	192	2154	642	24053	2068	26121
12	Wayanad	7481	3818	8318	1311	35	351	760	22074	706	22780
13	Kannur	7819	6884	2566	2592	220	1969	1091	23141	19377	42518
14	Kasaragode	1755	1880	475	1702	52	614	535	7013	8205	15218
	State	78148	63751	51275	47802	9827	16840	10834	278477	48972	327449

TABLE-3 (contd..)

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Tapioca				Tubers					
		Autumn	Winter	Summer	Total	Elephant Foot Yam	Colocasia	Yam (Kachil)	Sweet Potato	Other Tubers	Total
1	2	42	43	44	45	46	47	48	49	50	51
1	Thiruvananthapuram	4424	4330	7378	16132	405	502	100	19	145	1171
2	Kollam	3212	6264	7457	16933	1261	1826	655	12	244	3998
3	Pathanamthitta	942	1964	3534	6440	1219	1125	475	1	82	2902
4	Alappuzha	354	1111	1222	2687	279	545	144	4	46	1018
5	Kottayam	721	2303	2844	5868	532	526	112	2	17	1189
6	Idukki	1050	2469	2513	6032	875	726	259	4	28	1892
7	Ernakulam	1310	1383	2572	5265	271	346	36	7	79	739
8	Thrissur	214	310	400	924	121	293	9	6	412	841
9	Palakkad	670	1204	969	2843	370	621	31	137	914	2073
10	Malappuram	2184	1428	2196	5808	565	774	60	106	114	1619
11	Kozhikode	295	716	812	1823	191	521	29	17	119	877
12	Wayanad	225	491	982	1698	1553	411	61	9	9	2043
13	Kannur	456	705	922	2083	179	474	40	28	47	768
14	Kasaragode	12	248	129	389	76	114	4	47	3	244
	State	16069	24926	33861	74925	7897	8804	2015	399	2259	21374

TABLE-3 (contd..)

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Vegetables													Total Food Crops
		Drumstick	Amaranthus	Bitter Gourd	Snake Gourd	Ladies Finger	Brinjal	Green Chillies	Little Gourd (Koval)	Ash Gourd (Kumbalam)	Pumpkin	Cucumber	Other Vegetables	Total	
1	2	52	53	54	55	56	57	58	59	60	61	62	63	64	65
1	Thiruvananthapuram	1713	170	71	111	56	53	108	36	4	16	111	224	2673	47928
2	Kollam	1930	155	118	47	48	78	206	104	43	56	22	271	3078	61344
3	Pathanamthitta	563	80	77	74	44	74	41	90	52	45	38	349	1527	30022
4	Alappuzha	633	177	140	107	54	110	113	106	37	47	78	407	2009	55374
5	Kottayam	656	42	209	206	40	81	98	224	39	35	38	516	2184	50863
6	Idukki	504	49	452	8	24	48	55	43	24	58	16	4792	6073	170489
7	Ernakulam	619	97	118	117	48	44	29	80	71	68	211	1277	2779	63747
8	Thrissur	1352	58	251	39	77	42	154	44	53	47	36	544	2697	70423
9	Palakkad	1944	148	453	217	488	173	330	95	193	234	103	3276	7654	186164
10	Malappuram	2593	82	123	90	102	52	63	27	184	245	377	933	4871	80930
11	Kozhikode	1749	144	60	22	23	10	110	15	51	54	83	166	2487	54716
12	Wayanad	380	56	212	4	8	24	49	14	75	171	32	479	1504	75881
13	Kannur	1697	124	91	15	47	44	91	58	67	37	191	252	2714	77306
14	Kasaragode	584	61	25	8	40	21	54	88	18	14	94	155	1162	42281
	State	16917	1443	2400	1065	1099	854	1501	1024	911	1127	1430	13641	43412	1067468

TABLE-3 (contd..)

DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Non Food Crops															Grand Total
		Oil Seeds					Fiber Drugs and Narcotics					Plantation Crops					
		Groundnut	Sesamum	Coconut	Others	Total	Cotton	Better Leaves	Tobacco	Lemon Grass	Total	Tea*	Coffee**	Rubber #	Cocoa	Total	
1	2	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
1	Thiruvananthapuram	1	0	71376	33	71410	0	19	0	1	20	966		30449	75	31490	102920
2	Kollam	0	133	56675	54	56862	0	43	0	0	43	1258		36111	10	37379	94284
3	Pathanamthitta	0	0	16213	87	16300	0	38	0	0	38	91		49957	422	50470	66808
4	Alappuzha	0	238	39816	181	40235	0	42	0	3	45			4329	82	4411	44691
5	Kottayam	0	0	28185	83	28268	0	10	0	4	14	1963		112918	984	115865	144147
6	Idukki	0	5	17189	16	17210	0	0	0	383	383	24665	12780	39679	7357	84481	102074
7	Ernakulam	0	15	44475	82	44572	0	10	0	3	13	3		58729	1365	60097	104682
8	Thrissur	0	33	77509	153	77695	0	6	0	1	7	530		15017	49	15596	93298
9	Palakkad	1339	63	57186	485	59073	1018	10	0	66	1094	852	4650	35559	127	41188	101355
10	Malappuram	0	116	108380	97	108593	0	236	0	3	239	174		38136	217	38527	147359
11	Kozhikode	0	0	119166	60	119226	0	10	0	18	28			20358	680	21038	140292
12	Wayanad	0	5	10200	42	10247	0	2	0	114	116	6343	67366	9723	184	83616	93979
13	Kannur	0	0	78024	82	78106	0	9	0	16	25			43819	415	44234	122365
14	Kasaragode	0	0	54224	42	54266	0	12	29	1	69			30624	146	30770	85078
	State	1340	608	778618	1497	782063	1018	447	29	613	2134	36845	84796	525408	12113	659162	1443332

TABLE-3 (contd..)
DISTRICTWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No.	District	Non Food Crops						Total Non Food Crops	Total Cropped Area
		Fodder Grass	Green Manure Crops	Other Crops & Trees	Medicinal Plants	Total			
1	2	82	83	84	85	86	87	88	
1	Thiruvananthapuram	98	462	2958	22	3540	106460	154388	
2	Kollam	218	1087	4509	56	5870	100154	161498	
3	Pathanamthitta	207	1015	5340	147	6709	73517	103539	
4	Alappuzha	118	488	4408	79	5093	49784	105158	
5	Kottayam	274	526	9960	81	10841	154988	205851	
6	Idukki	1182	1279	31632	25	34118	136192	306681	
7	Ernakulam	232	585	6215	91	7123	111805	175552	
8	Thrissur	67	1465	4653	151	6336	99634	170057	
9	Palakkad	1258	3657	21138	799	26852	128207	314371	
10	Malappuram	56	4747	8862	43	13708	161067	241997	
11	Kozhikode	123	1742	3409	83	5357	145649	200365	
12	Wayanad	564	862	6058	20	7504	101483	177364	
13	Kannur	326	1557	12117	21	14021	136386	213692	
14	Kasaragode	107	4373	6321	5	10806	95884	138165	
	State	4830	23845	127580	1623	157878	1601210	2668678	

TABLE-3.1**BLOCKWISE AREA UNDER CROPS 2009-10**

(Area in Ha)

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
1	THIRUVANANTHAPURAM							
	1. Trivandrum Rural	18.01	18.01			27.84	0.36	0.17
	2. Kazhakkuttam	32.83	15.47	17.6		239.47	0.89	0.69
	3. Nedom	39.66	36.30	85.68		348.01	1.55	0.71
	4. Athiyannur	8.91	2.33	0.73	0.13	143.97	1.6	0.8
	5. Chirayinkeezh	151.44	115.22			355.31	3.44	3.89
	6. Kilimanoor	600.41	654.83			866.5	18.59	14.91
	7. Varkala	266.53	319.95			441.29	3.09	2.89
	8. Nedumangad	20.86	1.48	10.15	0.02	311.4	1.7	3.15
	9. Vellanad	10.26	10.13	0.06		327.85	4.29	3.76
	10. Vamanapuram	81.79	80.73			528.63	14.57	11.81
	11. Parassala	136.05	91.54	28.06		189.1	4.74	1.02
	12. Perumkadavila	10.58	3.50	12.37	0.16	862.45	5.38	1.13
	Corporation & Municipalities	40.15	10.65	8.13	0.03	260.1	1.46	1.04
	District Total	1417.48	1360.14	162.78	0.34	4901.92	61.66	45.97

TABLE-3.1 contd...

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
2	KOLLAM							
	1. Ithikkara	83.31	337.14	13.32	0.03	765.21	11.89	19.61
	2. Mukhathala	36.73	132.36	1.99	1.33	327.27	5.1	4.22
	3. Anchalumood	14.98	17.81		0.05	156.29	2.6	2.44
	4. Chittumala	17.84	81.15		0.05	586.94	8.15	10.35
	5. Chavara	11.07	11.96			264	8.39	4.37
	6. Karunagappally	33.96	93.19	48.08		144.62	10.37	6.49
	7. Ochira	43.87	45.60		0.08	82.92	5.37	2.59
	8. Sasthamcottah	100.43	408.97	35.78		1117.91	69.83	29.95
	9. Chadayamangalam	134.14	391.28	0.13	0.48	1256.05	70.7	51.94
	10. Kottarakkara	152.31	499.09		0.03	729.91	27.51	32.67
	11. Vettikkavala	80.86	118.11		0.04	676.95	38.35	29.78
	12. Anchal	112.73	198.37	1.38		1381.99	85.21	26.56
	13. Pathanapuram	46.48	107.47	3.16	0.02	504.22	40.44	15.42
	Municipalities	8.89	28.71			143.76	6.18	3.62
	District Total	877.60	2471.21	103.84	2.11	8138.04	390.09	240.01

TABLE-3.1 contd...

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
3	PATHANAMTHITTA							
	1. Parakode	72.64	232.62	9.68		513.21	103.64	21.25
	2. Pandalam	22.75	56.45	273.57		95.33	24.92	4.38
	3. Kulanada	0.40	4.67	63.01		208.53	21.4	2.67
	4. Elanthur	3.54	61.88	43.5		265.46	28.67	3.84
	5. Konni	12.49	158.45	1.01	0.38	440.35	38.03	5.68
	6. Ranni		0.93			951.84	42.21	21.16
	7. Koipram		22.73	65.23	6.93	384.98	13.19	6.02
	8. Mallappally		45.69	61.31		458.72	14.03	8.18
	9. Pulikeezh	73.25	4.41	1623.81	1.89	118.8	6.26	2.47
	Municipalities	0.31	15.34	67.28		161.17	11.94	1.56
	District Total	185.38	603.17	2208.4	9.2	3598.39	304.29	77.21

TABLE-3.1 contd...

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
4	ALAPPUZHA							
	1. Thaikkattussery	88.13	40.74	0.78		41.67	0.02	0.04
	2. Pattanakkadu	148.75	100.88			87.14	0.13	0.13
	3. Kanjikkuzhi	148.76	70.81			117.23	0.17	0.3
	4. Aryad	108.18	44.32	77.84		45.06	0.09	0.15
	5. Ambalapuzha	2083.24	316.71	904.37		55.35		0.05
	6. Chengannur	3.42	117.40	994.77	65.36	137.31	15.78	0.99
	7. Mavelikkara	35.92	97.19	1072.88		87.46	7.31	1.12
	8. Bharanikavu	61.53	121.56	445.34		277.27	24.02	1.71
	9. Harippad	341.94	445.02	2263.34		211.64	5.83	3.26
	10. Muthukulam	43.50	24.27	210.13		225.28	4.39	2.87
	11. Veliyanad	321.65	2909.00	5157.89	0.1	4.73	0.11	0.07
	12. Chembakulam	5192.29	2984.00	5261.13	0.14	17.52	0.27	0.27
	Municipalities	551.18	221.06	431.27	0.05	79.18	3.29	1.17
	District Total	9128.49	7492.96	16819.74	65.65	1386.84	61.41	12.13

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
5	KOTTAYAM							
	1. Madappally	29.15	2.09	1642.76		467.67	2.78	1.39
	2. Vazhoor		2.98	5.93		704.45	6.01	5.17
	3. Ettumanoor	2171.05	102.03	1689.28	0.05	265.35	1.73	2.9
	4.Pallom	665.59	481.48	3793.13	30.43	504.57	8.00	6.75
	5. Pampady	3.06	24.95	1.56		699.72	5.37	5.73
	6. Erattupettah		0.73			877.12	7.09	6.03
	7. Lalam	14.27	78.30			515.5	4.91	4.32
	8. Uzhavoor	43.79	98.86	28.59		749.26	32.31	21.73
	9. Kaduthuruthy	364.38	873.69	987.04		400.27	6.53	10.5
	10. Vaikom	647.27	1467.29	133.60		115.08	0.27	0.48
	11. Kanjirappally					1315.97	11.57	11.26
	Municipalities	0.75	5.77	114.17	0.08	96.24	1.09	0.31
	District Total	3939.31	3138.17	8396.06	30.56	6711.20	87.66	76.57

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
6	IDUKKI							
	1. Adimali	46.34	6.86	34.14		14977.1	229.38	83.85
	2. Nedumkandam		225.58	92.8		22562.2	61.61	15.28
	3. Thodupuzha	153.12	260.76		0.03	267.26	4.13	5.82
	4. Elamdesam	339.92	488.75			367.7	11.78	7.73
	5. Kattappana		355.78	41.94		15299.1	126.01	21.91
	6. Azhutha		8.10			15122.9	112.33	62.94
	7. Idukki	10.08	30.03	13.34	0.07	12170.2	109.24	37.41
	8. Devikulam		100.41	26.99	2200.49	4923.91	35.98	9.01
	Municipality	39.21	53.82			48.59	0.83	0.79
	District Total	588.67	1530.09	209.21	2200.59	85738.97	691.29	244.74

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
7	ERNAKULAM							
	1. Alangad	169.36	190.35	127.99		262.65	0.34	0.73
	2. Angamali	403.13	414.12	46.86		558.16	14.27	21.91
	3. Edappalli	71.60	1.20			10.42	0.05	0.33
	4. Koovappadi	754.63	770.33	524.06		384.52	54.47	15.38
	5. Kothamangalam	542.72	793.37	239.17		509.38	55.68	83.09
	6. Mulanthuruthy	129.89	181.89	232.24		477.62	0.97	1.57
	7. Moovattupuzha	249.19	361.83	17.43		752.33	30.86	73.36
	8. Palluruthi	34.39				50.36		0.04
	9. Pampakkuda	232.52	587.06		4.07	540.15	12.08	26.01
	10. Parakadavu	180.81	299.76	45.97		275.48	6.45	5.08
	11. Parur	195.06	1.34			174.93	0.12	0.53
	12. Vazhakkulam	283.77	409.33	188.49		374.53	12.45	26.91
	13. Vadavukode	667.14	996.42	121.69		460.37	4.45	8.31
	14. Vypin	93.85			0.06	174.77	0.04	0.45
	15. Vyttila	0.84				24.24	0.06	0.11
	Corporation & Municipalities	80.80	113.90	31.68	1.07	242.85	6.56	15.67
	District Total	4089.70	5120.90	1575.58	5.2	5272.76	198.85	279.48

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
8	THRISSUR							
	1. Chavakkad		25.00	91.81		84.71	0.06	0.67
	2. Mullasserri	8.20	830.73	874.03		92.66	0.13	0.29
	3. Thalikulam	0.79				48.23	0	0.45
	4. Kodungallur		1.67			25.57	0.02	0.14
	5. Mathilakam	8.93	21.62			61.72	0.11	0.47
	6. Chalakkudy	114.52	124.75	71.59	0.55	366.95	10.91	10.57
	7. Irinjalakuda	41.46	7.50	434.59		234.79	1.13	2.05
	8. Kodakara	201.45	575.02	71.7		522.29	12.26	16.85
	9. Mala	117.53	553.40	162.22		495.3	15.29	12.74
	10. Vellangallur	53.69	272.82	170.19		273.34	14.96	15.32
	11. Chowannur	132.18	1415.10	1159.85		403.85	2.76	3.18
	12. Pazhayannur	2321.66	3005.45	38.3		408.38	7.26	21.77
	13. Vadakkancherry	557.87	3034.27	386.14		556.46	8.18	16.86
	14. Anthikkad	46.54	319.48	1862.2		122.43	0.13	0.54
	15. Cherpu	47.05	227.11	1539.9		212.47	0.21	0.21
	16. Ollukkara	73.57	737.75	57.94		296.02	3.8	3.8
	17. Puzhakkal	146.21	1291.32	1960.04		459.1	1.13	1.59
	Municipalities	29.47	106.25	108.17		233.53	1.78	3.77
	District Total	3901.12	12549.24	8988.67	0.55	4897.80	80.12	111.27

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
9	PALAKKAD							
	1. Alathur	6872.48	7114.63	6.21	0.05	867.77	116.76	113.83
	2. Attappady	0.50	8.03	20.54	29.14	1317.82	145.39	107.24
	3. Chittoor	3138.69	2658.79	4529	589.9	45.73	70.53	8.66
	4. Kollangode	4692.01	3749.21	930.55		5.89	78.04	12.57
	5. Kozhalmadam	8368.31	8461.89			111.57	124.89	94.44
	6. Malampuzha	6623.62	6788.91	192.02	28.15	85.61	14.95	12.89
	7. Mannarkkad	101.31	709.91	96.68		610.39	15.13	44.89
	8. Nenmara	5430.87	5458.07			189.17	121.73	22.25
	9. Ottappalam	1863.83	2372.52	0.92		235.93	9.17	9.66
	10. Palakkad Blek	3864.26	4510.06	91.95		191.6	44.8	16.7
	11. Pattambi	1500.97	2400.07	62.49		804.65	16.39	11.83
	12. Sreekrishnapuram	1240.35	1987.72	101.48		615.75	19.91	22.1
	13. Thrithala	330.94	1690.19	111.03		492.24	6.4	4.69
	Municipalities	1171.73	1145.19	123.04		183.53	28.42	5.19
	District Total	45199.87	49055.19	6265.91	647.24	5757.65	812.51	486.94

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
10	MALAPPURAM							
	1. Malappuram	96.45	372.73			433.9	3.09	14.7
	2. Kondotty	36.45	345.26	55.81		387.25	2.28	6.45
	3. Arikkode	73.12	369.69	9.64		526.86	4.59	14.82
	4. Wandoor	162.42	395.78	9		1332.35	6.08	59.25
	5. Nilambur	262.50	360.01	7.85		422.1	9.85	21.72
	6. Tirur	60.87	387.76	42.37		138.21	0.23	0.66
	7. Tanur	11.28	294.80	3.29		231.71	0.91	3.4
	8. Tirurangadi	31.70	273.55	143.38		179.73	1.88	2.97
	9. Vengara	29.78	336.02	35.87		180.41	3.88	9.29
	10. Kuttippuram	32.75	1021.56	6.52		309.62	0.82	3.21
	11. Perinthalmanna	74.44	399.19	0.4		663.95	10.55	45.25
	12. Mankada	150.07	830.79			555.79	13.42	47.45
	13. Ponnani	42.22	501.78	216.65		160.64	0.46	0.3
	14. Perumpadappu	42.74	225.66	762.12		159.74	0.29	0.33
	Municipalities	79.81	241.24	1.87		464.95	3.59	9.68
	District Total	1186.60	6355.82	1294.77		6147.21	61.92	239.48

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
11	KOZHIKODE							
	1. Kozhikode	5.83	46.16	6.46		222.88	0.16	3.03
	2. Chelannur	8.67	284.46	30.82		502.05	1.52	18.3
	3. Kunnamangalam	53.68	306.55	98.78		1096.95	44.54	35.05
	4. Koduvally	26.41	275.64	4.85	0.14	929.58	21.32	47.62
	5. Balussery	14.97	461.63	7.42	0.46	1098.55	7.22	59.3
	6. Perambra	16.21	476.84	219.92		1192.22	13.12	39.92
	7. Melady	11.29	133.85	119.61	0.03	271.97	3.31	16.13
	8. Panthalayani	5.72	136.83	16.09		196.13	0.33	3.91
	9. Vadakara	1.52	22.74			224.81	0.27	2.91
	10. Thodannur	3.16	73.41	89.48		389.07	2.3	10.85
	11. Thuneri	17.79	69.98	0.03		840.26	1.67	15.43
	12. Kunnummel	1.14	182.03	4.35		764.28	7.37	39.4
	Corporation & Municipalities	6.54	23.59	12.34	0.03	243.23	0.45	2.66
	District Total	172.93	2493.71	610.15	0.66	7971.98	103.58	294.51
12	WAYANAD							
	1. Vaithiri		1944.71	425.68	2.7	2900.84	366.56	39.95
	2. Mananthavady		3689.33	708.59	1.84	5664.37	474.36	58.51
	3. Sulthan Battery		4914.08	1279.2	2.35	7985.57	1588.81	90.57
	Municipality		28.48	5.99	0.16	20.3	15.64	0.34
	District Total		10576.60	2419.46	7.05	16571.08	2445.37	189.37

Sl. No	Block	Paddy			Sugarcane	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer				
1	2	3	4	5	6	7	8	9
13	KANNUR							
	1. Koothuparambu	112.54	76.02	1.39		942.21	1.34	14.35
	2. Peravoor	89.91	135.12	56.96		1002.96	35.96	22.72
	3. Iritty	272.55	268.28	19.3	0.03	1052.09	35.47	34.99
	4. Thalassery	36.39	21.84			394.69	0.11	4.19
	5. Kannur	20.63	98.69			113.53	0.07	0.14
	6. Edakkadu	103.86	96.03	2.34		374.92	0.19	8.84
	7. Thaliparamba	1081.59	367.35		0.29	1345.2	5.41	7.13
	8. Payyannur	1298.26	753.23	0.25	0.21	1416.88	1.77	2.95
	9. Irikkur	540.43	704.72	8.13	0.75	2076.72	6.01	14.98
	Municipalities	540.84	402.84	19.82	0.18	911.84	0.76	7.12
	District Total	4097.00	2924.12	108.19	1.46	9631.04	87.09	117.41
14	KASARGOD							
	1. Kanhangad	560.05	220.92	39.3	0.03	1533.75	11.33	11.83
	2. Nileswar	496.03	757.98	20.27		724.68	8.46	9.53
	3. Kasargod	512.57	231.24	5.87	0.52	988.5	2.17	0.53
	4. Manjeswar	596.56	387.81	47.63	0.2	1464.37	0	0.03
	Municipalities	299.43	216.39	3.21		52.23	0.1	0.29
	District Total	2464.64	1814.34	116.28	0.75	4763.53	22.06	22.21

TABLE-3.1 Contd....

BLOCKWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
1	THIRUVANANTHAPURAM							
	1. Trivandrum Rural	10.08	0.64	110.15	2.99	56.47	0.45	33.28
	2. Kazhakkuttam	28.07	2.78	366.37	35.61	207.35	2.48	104.84
	3. Nemom	53.75	4.47	491.89	478.27	516.65	17.33	117.93
	4. Athiyannur	15.38	2.14	330.71	230.1	250.41	8.44	108.25
	5. Chirayinkeezh	60.99	5.45	340.6	34.15	356.2	6.21	94.42
	6. Kilimanoor	148.26	4.92	808.44	77.66	565.58	13.12	166.04
	7. Varkala	58.83	1.57	343.03	14.99	311.55	13.68	62.04
	8. Nedumangad	77.54	2.59	202.1	106.02	292.06	12	27.51
	9. Vellanad	79.81	9.61	218.41	208.09	438.82	25.62	39.04
	10. Vamanapuram	133.94	12.12	416.11	153.13	428.93	47.16	51.08
	11. Parassala	21.04	5.36	389.67	724.42	503.72	20.47	113.37
	12. Perumkadavila	137.77	15.83	590.24	222.56	648.07	16.04	107.59
	Corporation & Municipalities	64.13	6.07	376.71	61.14	402.96	12.35	75.47
	District Total	889.59	73.55	4984.43	2349.13	4978.77	195.35	1100.86

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
2	KOLLAM							
	1. Ithikkara	127.55	7.28	764.71	51.8	231.53	9.83	240.44
	2. Mukhathala	62.56	2.78	333.18	6.21	198.68	1.23	123.65
	3. Anchalumood	78.36	10.04	240.86	4.11	93.37	0.65	98.53
	4. Chittumala	99.36	7.06	678.18	6.39	203.14	5.29	167.46
	5. Chavara	395.53	5.43	313.53	5.49	152.08	2.74	79.76
	6. Karunagappally	134.28	4.26	127.87	7.02	132.32	4.11	56.39
	7. Ochira	88.76	2.8	77.96	1.48	84.94	4.33	52.6
	8. Sasthamcottah	278	5.76	618.22	390.64	447.94	9.94	109.67
	9. Chadayamangalam	216.37	9.87	776.8	272.86	602.82	28.7	161.04
	10. Kottarakkara	86.24	3.98	434.87	283.9	436.7	15.97	102.87
	11. Vettikkavala	139.53	3.83	503.59	480.11	479.35	28.25	112.74
	12. Anchal	246.83	2.98	606.89	265.7	503.88	29.76	102.16
	13. Pathanapuram	124.11	2.12	348.9	285.14	352.08	28.06	62.57
	Municipalities	44.07	1.63	208.73	7.17	135.84	7.07	84.22
	District Total	2121.55	69.82	6034.29	2068.02	4054.67	175.93	1554.1

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
3	PATHANAMTHITTA							
	Parakode	99.73	12.55	396.2	535.79	235.59	37.28	104.15
	Pandalam	29.89	5.19	60.91	117.11	57.48	7.37	14.81
	Kulanada	68.62	23.31	121.55	103.54	145.99	6.26	33.96
	Elanthur	107	49.87	167.84	156.59	190.25	9.73	41.84
	Konni	223.66	29.85	473.67	249	238.89	14.88	116.26
	Ranni	205.79	60.51	285.78	382.07	248.34	31.33	97.38
	Koipram	113.03	147.17	292.94	177.46	100.34	13.23	101.16
	Mallappally	125.43	41.8	217.3	103.72	159.66	24.01	56.51
	Pulikeezh	54.85	53.14	186.3	126.85	43.17	3.38	40.66
	Municipalities	75.94	39.85	228.6	79.71	70.15	2.53	96.3
	District Total	1103.94	463.24	2431.09	2031.84	1489.86	150	703.03

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
4	ALAPPUZHA							
	1. Thaikkattussery	101.43	8.86	74.53	0.41	88.55	1.97	40.06
	2. Pattanakkadu	276.76	27.36	171.01	1.98	181.41	3.59	123.48
	3. Kanjikkuzhi	94.97	13.82	94.17	2.92	179.6	1.88	70.6
	4. Aryad	84.08	6.39	68.38	0.44	134.8	5.98	51.71
	5. Ambalapuzha	41.59	2.78	118.98	0.14	79.7	1.48	76.63
	6. Chengannur	110.05	82.65	238.29	265.94	126.77	18.11	98.83
	7. Mavelikkara	58.8	4.94	205.4	42.49	130.01	9.07	72.98
	8. Bharanikavu	123.94	1.62	483.77	158.53	202.83	25.46	125.55
	9. Harippad	201.93	5.43	202.31	20.33	194.76	5.83	147.79
	10. Muthukulam	178.78	6.66	130.89	1.96	97.62	6.09	98.96
	11. Veliyanad	78.9	0.8	57.03	8.81	94.58	1.82	67.32
	12. Chembakulam	220.07	8.56	123.82	9.51	205.16	1	105.38
	Municipalities	139.76	40.24	196.62	24.13	152.08	3.22	117.13
	District Total	1711.06	210.11	2165.2	537.59	1867.87	85.5	1196.42

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
5	KOTTAYAM							
	1. Madappally	40.9	18.85	316.56	128	191.66	89.37	103.32
	2. Vazhoor	139.52	69.94	164.26	35.95	77.23	70.38	75.95
	3. Ettumanoor	56.56	102.58	321.25	166.63	271.5	16.41	131.44
	4. Pallom	122.48	112.25	310.8	165.25	498.18	156.93	204.06
	5. Pampady	109	79.29	280.58	133.85	181.05	116.13	84.34
	6. Erattupettah	192.62	234.64	415.79	264.65	273.68	65.96	100.18
	7. Lalam	136.66	149.29	220.81	193.11	177.13	50.91	78.02
	8. Uzhavoor	201.96	154.99	282.01	817.53	263.44	168.2	97.97
	9. Kaduthuruthy	125.61	208.95	274.65	368.94	224.07	222.59	161.16
	10. Vaikom	304.44	165.45	167.11	80.35	132.95	2.62	66.51
	11. Kanjirappally	208	108.76	420.51	465.13	251.34	324.97	151.9
	Municipalities	92.83	35.11	144.7	19.77	88.70	1.17	43.6
	District Total	1730.58	1440.1	3319.03	2839.16	2630.93	1285.64	1298.45

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
6	IDUKKI							
	1. Adimali	545.1	922.36	1194.69	702.24	510.38	25.4	93.49
	2. Nedumkandam	430.06	114.25	2443.12	150.63	445.69	3.75	75.82
	3. Thodupuzha	81.05	86.82	196.69	107.75	122.28	290.3	64.14
	4. Elamdesam	142.03	95.85	371.94	213.85	144.41	465.71	64.67
	5. Kattappana	225.17	149.97	1893.09	327.11	402.47	6.82	99.75
	6. Azhutha	602.65	321.32	3023.93	375.36	1078.19	154.85	301.97
	7. Idukki	355	327.08	833.89	449.5	501.51	62.41	74.64
	8. Devikulam	346.77	24.76	768.89	86.17	257.64	2.22	34.03
	Municipality	24.92	11.65	45.56	127.9	25.05	64.81	12.57
	District Total	2752.75	2054.06	10771.8	2540.51	3487.62	1076.27	821.08

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
7	ERNAKULAM							
	1. Alangad	163.43	159.16	143.95	632.61	501.48	0.28	49.57
	2. Angamali	743.2	1504.13	553.03	1599.85	438.22	26.02	140.65
	3. Edappalli	28.43	2.57	20.67	0.88	15.28	0.27	3.63
	4. Koovappadi	351.46	795.04	397.08	794.45	299.35	238.03	107.82
	5. Kothamangalam	559.41	357.93	370.81	817.99	335.19	1421.67	103.48
	6. Mulanthuruthy	215.9	109.36	229.93	41.39	239.76	66.36	93.83
	7. Moovattupuzha	465.74	537.14	297.64	489.98	275.32	1537.53	109.1
	8. Palluruthi	64.79	3.75	33.98	0.3	42.67	0.57	25.85
	9. Pampakkuda	301.34	286.86	313.35	368.56	349.41	1466.65	100.85
	10. Parakadavu	169.86	692.22	207.31	821.24	248.46	13.16	70.61
	11. Parur	239.66	87.96	146.75	58.71	99.4	1.84	49.75
	12. Vazhakkulam	274.31	586.43	287.07	327.88	318.58	451.16	145.69
	13. Vadavukode	318.16	502.56	210.05	261.29	230.57	526.33	68
	14. Vypin	413.33	101.4	162.44	0.2	131.48	0.9	100.74
	15. Vyttila	39.37	2.94	23.72	2.42	33.22	0.71	10.38
	Corporation & Municipalities	325.13	330.46	373.55	282.14	229.48	268.9	128.77
	District Total	4673.52	6059.91	3771.33	6499.89	3787.87	6020.38	1308.72

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
8	THRISSUR							
	1. Chavakkad	173.93	10.7	149.27		126.53	0.55	28.77
	2. Mullasseri	92.21	9.94	131.58	0.43	79.71	0.18	24.49
	3. Thalikulam	318.89	36.94	182.86	0.14	55.82	1.41	62.77
	4. Kodungallur	146.34	26.17	77.67		77.67	0.26	24.05
	5. Mathilakam	313.28	104.12	189.15	0.3	203.15	2.75	60.8
	6. Chalakkudy	455.46	991.03	310.85	441.62	214.72	7.7	
	7. Irinjalakuda	335.65	288.29	207.53	75.89	280.63	1.96	56.37
	8. Kodakara	700.24	574.22	333.98	551.23	429.15	5.35	32.95
	9. Mala	372.61	1099.95	344.27	129.46	340.59	8.5	58.85
	10. Vellangallur	307.74	255.07	217.71	79.56	274.44	5.51	88.99
	11. Chowannur	1049.65	15.72	415.83	115.11	275.01	1.14	52.69
	12. Pazhayannur	244.5	22.87	453.7	234.66	259.04	12.38	33.08
	13. Vadakkancherry	1075.53	10.5	705.48	330.71	387.92	2.34	24.23
	14. Anthikkad	149.47	18.45	156.47	1	122.84	1.37	62.77
	15. Cherpu	153.8	103.26	244.8	48.55	172.54	0.59	34.97
	16. Ollukkara	347.27	217.04	353.07	328.12	379	1.19	37.74
	17. Puzhakkal	678.91	44.32	362.19	96.39	368.13	1.37	121.11
	Municipalities	247.76	337.66	198.22	30.91	210.84	1.45	94.79
	District Total	7163.24	4166.25	5034.63	2464.08	4257.73	56	899.42

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
9	PALAKKAD							
	1. Alathur	1067.67	35.11	602.39	558.48	746.26	13.06	102.17
	2. Attappady	3153.2	38.37	602.59	4019.04	6067.48	31.79	46.54
	3. Chittoor	130.44	27.23	129.86	314.82	715.78	0	83.32
	4. Kollangode	25.21	7.84	134.33	9.36	62.41	0.1	31.12
	5. Kozhalmadam	49.81	0.48	306.07	65.63	161.47	0.71	56.05
	6. Malampuzha	119.97	1.95	212.25	142.62	221.6	0.21	55.37
	7. Mannarkkad	3020.57	78.61	639.46	2162.08	540.7	12.77	76.17
	8. Nenmara	219.95	12.31	146.41	42.5	213.59	0.69	35.24
	9. Ottappalam	93.03	1.03	431.85	560.13	218	4.48	36.86
	10. Palakkad Bldk	167.32	0.56	273.78	388.99	304.55	7.01	52.35
	11. Pattambi	341.16	9.4	775.78	777.3	306.48	10.21	98.23
	12. Sreekrishnapuram	728.42	5.65	505.01	1247.54	421.21	22.82	37.78
	13. Thrithala	1020.01	9.95	563.15	220.51	250.67	4.18	62.78
	Municipalities	65.44	10.87	265.99	83.8	154.04	14.72	32.23
	District Total	10202.20	239.36	5588.92	10592.8	10384.24	122.75	806.21

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
10	MALAPPURAM							
	1. Malappuram	1687.22	4.01	411.7	220.92	90.34	4.76	112.5
	2. Kondotty	1097.03	7.51	715.16	436.31	125.32	13.54	179.71
	3. Arikkode	3328.14	70.21	789.31	270.92	218.85	8.27	228.08
	4. Wandoor	3475.68	66.71	1063.4	1770.14	304.96	50.03	312.61
	5. Nilambur	2985.25	68.9	468.93	279.31	220.21	8.33	181.23
	6. Tirur	257.11	6.07	186.05	5.4	84.86	1.4	76.17
	7. Tanur	666.62	23.74	300.13	5.1	78.41	3.17	83.03
	8. Tirurangadi	358.67	18.65	402.55	235.09	75.97	8.4	120.2
	9. Vengara	623.94	19.89	842.27	195.02	130.96	5.1	113.47
	10. Kuttippuram	876.95	37.96	457.16	109.94	151.98	5.54	145.86
	11. Perinthalmanna	1574.71	4.76	642.16	1263.36	216.61	12.35	140.01
	12. Mankada	1113.54	10.03	685.35	1356.96	275.24	16.96	154.37
	13. Ponnani	709.89	5.17	226.48	5.42	96.02	4.12	44.58
	14. Perumpadappu	478.49	10.48	195.19	2.41	74.39	1.67	77.27
	Municipalities	761.08	9.82	438.16	359.36	122.19	16.39	95.76
	District Total	19994.32	363.91	7824.00	6515.66	2266.31	160.03	2064.85

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
11	KOZHIKODE							
	1. Kozhikode	220.9	10.32	380.37	9.32	167.67	2.71	139.38
	2. Chelannur	514.55	18.53	640.48	131.22	310.24	9.33	160.44
	3. Kunnamangalam	2035.54	121.06	1182.49	444.71	432.17	24.29	309.22
	4. Koduvally	2004.67	95.24	1242.48	158.23	345.83	24.13	397.34
	5. Balussery	1410.97	46.45	1576.01	226.96	466.86	26.94	211.03
	6. Perambra	1018.62	43.95	954.51	217.84	233.01	35.26	131.82
	7. Melady	203.46	5.36	402.56	21.28	168.89	11.12	119.39
	8. Panthalayani	156.77	5.28	195.28	13.29	65.04	5.95	61.51
	9. Vadakara	139.56	1.97	197.66	19.93	75.61	4.17	52.16
	10. Thodannur	282.44	3.97	471.55	81.16	143.62	8.68	134.9
	11. Thuneri	554.55	18.24	585.65	59.96	157.99	13.93	135.92
	12. Kunnummel	1140.67	24.78	799.59	72.88	224.56	19.61	111.48
	Corporation & Municipalities	370.98	19.95	540.48	19.2	198.03	5.74	189.62
	District Total	10053.68	415.1	9169.11	1475.98	2989.52	191.86	2154.21
12	WAYANAD							
	1. Vaithiri	3765.21	12.81	1981.39	2594.06	281.63	12.13	95.93
	2. Mananthavady	2654.24	17.49	2328.37	3627.48	408.19	9.99	100.11
	3. Sulthan Battery	4239.52	17.5	3038.36	2083.23	607.32	12.15	147.64
	Municipality	202.87	1.04	133.08	12.94	13.93	0.44	7.22
	District Total	10861.84	48.84	7481.20	8317.71	1311.07	34.71	350.9

Sl. No	Block	Arecanut	Nutmeg	Jack	Banana	Plantain	Pineapple	Pappaya
		10	11	12	13	14	15	16
13	KANNUR							
	1. Koothuparambu	1029.74	5.77	1096.78	730.59	323.98	15.01	122.91
	2. Peravoor	766.31	36.01	476.43	520.16	228.71	19.84	96.17
	3. Iritty	713.93	7.44	708.83	364.93	274.99	24.29	150.81
	4. Thalassery	304.73	3.44	548.31	154.01	221.99	8.8	114.95
	5. Kannur	68.16	0.18	198.71	0.07	42.73	0.27	90.84
	6. Edakkadu	343.7	1.49	450.67	99.74	82.54	6.21	183.62
	7. Thaliparamba	3260.4	88.79	1086.72	92.79	389.52	46.58	258.63
	8. Payyannur	2684.84	62.36	1422.03	58.16	404.92	17.05	417.76
	9. Irikkur	917.75	36.84	1178.98	324.18	368.13	62.52	298.99
	Municipalities	584.07	9.64	651.23	221.18	254.20	18.98	234.01
	District Total	10673.63	251.96	7818.69	2565.81	2591.71	219.55	1968.69
14	KASARGOD							
	1. Kanhangad	3230.63	20	430.84	294.91	448.63	8.19	148.1
	2. Nilaswar	2182.58	14.09	518.54	122.94	305.73	17.28	165.05
	3. Kasargod	3966.97	12.94	341.25	31.29	288.27	18.5	126.59
	4. Manjeswar	5820.08	27.29	385.45	5.98	615.07	6.86	134.36
	Municipalities	55.72	0.81	78.48	19.93	44.17	1.52	39.49
	District Total	15255.98	75.13	1754.56	475.05	1701.87	52.35	613.59

TABLE-3.1 Contd....

BLOCKWISE AREA UNDER CROPS 2009-10

(Area in Ha)

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
1	THIRUVANANTHAPURAM							
	1. Trivandrum Rural	5.84	124.41	36.83		2312.79	0.14	0.45
	2. Kazhakkuttam	76.01	857.82	218.11		8602.46	0.36	2.03
	3. Nemom	60.58	1500.1	174.35		7063.89	1.68	1.91
	4. Athiyannur	14.13	782.07	126.99		6424.85	0.92	1.65
	5. Chirayinkeezh	77.62	1241.33	157.76		4714.55	0.53	1.61
	6. Kilimanoor	402.48	2865.81	255.88		6943.77	1.79	1.03
	7. Varkala	182.29	1578.09	118.79		5934.45	0.09	0.68
	8. Nedumangad	21.74	683.65	54.29		3583.76	3.47	3.65
	9. Vellanad	19.77	1121.79	48.64		3874.27	1.33	21.97
	10. Vamanapuram	30.04	1892.89	91.54		4003.13	3.52	22.85
	11. Parassala	32.98	802.17	141.91		5382.98	1.98	1.46
	12. Perumkadavila	40.59	2058.33	171.89		6087.01	1.96	10.12
	Corporation & Municipalities	37.04	624.62	116.26		6447.59	1.11	5.48
	District Total	1001.11	16133.08	1713.24		71375.5	18.88	74.89

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
2	KOLLAM							
	1. Ithikkara	454.83	1719.55	322.96	0	6372.46	0.84	2.24
	2. Mukhathala	150.38	737.49	157.48	1.26	3386.89	0.45	0.35
	3. Anchalumood	104.86	149.1	100	2.48	3094.76	0.05	0.87
	4. Chittumala	320.75	761.65	230.37	0	3704.97	0.17	0.02
	5. Chavara	107.18	663.04	103.27	12.65	5851.21	0.76	1.7
	6. Karunagappally	128.7	811.15	67.41	28.45	4121.83	1.89	0.36
	7. Ochira	101.07	359.31	58.47	46.45	3164.53	1.3	0.18
	8. Sasthamcottah	474.63	2373.24	150.64	42.06	4830.14	8.89	1.08
	9. Chadayamangalam	444.13	2311.98	257.42	0	5258.47	3.66	1.51
	10. Kottarakkara	151.58	1246.24	94.41	0	4314.89	3.43	0.15
	11. Vettikkavala	174.01	2258.39	127.68	0	3670.18	4.98	0.19
	12. Anchal	117.34	1811.63	97.98	0	4666.9	6.55	0.62
	13. Pathanapuram	93.93	1550.81	71.59	0	2122.66	9.37	0.58
	Municipalities	34.36	180.44	90.04	0	2115.45	0.22	0.06
	District Total	2857.75	16934.02	1929.72	133.35	56675.34	42.56	9.91

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
3	PATHANAMTHITTA							
	1. Parakode	223.57	2993.49	93.34		2641.91	22.07	3.25
	2.Pandalam	21.62	691.94	14.23		715.4	3.8	1.73
	3. Kulanada	34.93	229.4	18.55		995.51	2.16	10.73
	4. Elanthur	43.17	340.73	43.71		1170.28	6.39	24.86
	5. Konni	42.59	460.17	33		2173.82	2.16	26.3
	6. Ranni	105.91	714.34	89.01		1826.13	0	114.82
	7. Koipram	64.01	356.16	77.1		2083.19	0.05	112.72
	8. Mallappally	51.64	296.99	56.01		1740.88	0.53	81.61
	9. Pulikeezh	36.21	117	55.2		1566.75	0	29.92
	Municipalities	33.9	240.23	82.8		1299.25	0.52	15.81
	District Total	657.55	6440.45	562.95		16213.12	37.68	421.75

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
4	ALAPPUZHA							
	1. Thaikkattussery	182.6	4.51	30.35	0	2873.37	0.22	0.55
	2. Pattanakkadu	186.09	7.92	37.04	0	4100.45	0.7	1.18
	3. Kanjikkuzhi	366.86	14.75	41.41	0	3823.65	0.61	3.69
	4. Aryad	270.95	29.81	13.84	1.71	2008.4	0.03	1.54
	5. Ambalapuzha	96.53	9.25	23.58	0	1400.95	0	0.73
	6. Chengannur	121.43	537.64	85.42	0	2796.18	19.68	18.14
	7. Mavelikkara	130.54	393.51	50.37	202.82	2818.49	4.89	1.32
	8. Bharanikavu	190.42	1014.27	146.23	17.6	2940.54	14.99	0.12
	9. Harippad	252.65	260.8	64.93	10.65	4048.74	0.14	2.2
	10. Muthukulam	183.31	255.26	58.43	4.05	5169.82	0.08	0.82
	11. Veliyanad	1.09	8.41	5.45	0	2004.42	0	15.03
	12. Chembakulam	11.75	9.89	20.34	0	2292.78	0	26.03
	Municipalities	115.9	140.86	55.28	1.46	3537.8	0.28	10.98
	District Total	2110.12	2686.88	632.67	238.29	39815.59	41.62	82.33

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
5	KOTTAYAM							
	1. Madappally	29.94	472.39	76.11	0	2036.84	0.44	53.63
	2. Vazhoor	35.85	264.46	27.26	0	1274.38	0.61	45.14
	3. Ettumanoor	17.52	305.63	84.21	0	2260.63	0.55	20.32
	4.Pallom	24.39	481.3	82.57	0	3336.11	2.3	51.69
	5. Pampady	20.3	507.67	55.53	0	1835.53	2.13	67.1
	6. Erattupettah	60.9	833.7	47	0	2052.1	0	130.13
	7. Lalam	30.13	544.39	33.48	0	1886.05	0	128.35
	8. Uzhavoor	35.89	1313.48	40.37	0.25	2740.68	2.52	211.57
	9. Kaduthuruthy	28.99	452.53	66.58	0	3390.12	0.65	43.29
	10. Vaikom	58.81	43.5	30.02	0	3874.73	0.7	9.71
	11. Kanjirappally	50.6	608.36	84.85	0	2209.47	0	217.39
	Municipalities	11.05	40.22	27.72	0	1288.56	0.09	5.94
	District Total	404.37	5867.63	655.7	0.25	28185.2	9.99	984.26

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
6	IDUKKI							
	1. Adimali	409.76	674.21	93.58	0	2509.01	0	2625.57
	2. Nedumkandam	123.95	554.93	65.93	0	2211.04	0.08	323.47
	3. Thodupuzha	23.49	443.46	18.31	1.48	1497.2	0	145.42
	4. Elamdesam	26.36	449.13	35.22	3.98	2235	0.14	311.93
	5. Kattappana	107.26	795.34	82.28	0	1648.86	0	850.62
	6. Azhutha	360.34	2122.5	125.56	0	3031.93	0	700.8
	7. Idukki	152.6	604.5	66.13	0	3092.85	0.12	2176.25
	8. Devikulam	26.35	311.61	11.08	0	606.4	0	198.72
	Municipality	6.88	76.06	6.08	0	356.84		24.29
	District Total	1236.99	6031.74	504.17	5.46	17189.13	0.34	7357.07

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
7	ERNAKULAM							
	1. Alangad	20.46	162.63	18.88	0	1688.93	0	3.4
	2. Angamali	131.52	656.43	47.77	0	5130.82	0	47.91
	3. Edappalli	2.4	1.17	3.57	0	612.7	0	0.29
	4. Koovappadi	38.24	509.45	59.12	0.69	3333.61	2.88	234.33
	5. Kothamangalam	36.4	965.58	46.72	1	4127.31	1.09	528.6
	6. Mulanthuruthy	29.03	85.81	41.48	0	3143.4	0.69	4.55
	7. Moovattupuzha	23.24	709.51	66.61	1.2	3286	0	125.06
	8. Palluruthi	4.22	1.08	5.38	0	1089.51	0	1.47
	9. Pampakkuda	36.66	640.24	59.96	10.6	2644.76	0.43	255.21
	10. Parakadavu	83.39	273.72	43.35	0	2692.02	0.11	13.79
	11. Parur	53.6	45.27	21.72	0	2841.16	0	2.35
	12. Vazhakkulam	31.94	455.64	52.25	0	2545.16	3.19	36.71
	13. Vadavukode	27.71	316.16	33.44	1.47	2150.68	1.37	38.05
	14. Vypin	17.99	1.88	20.93	0	3670.25	0	3.38
	15. Vyttila	12.65	1.01	9.2	0	1044.85	0.03	0.52
	Corporation & Municipalities	31.2	439.88	88.48	0	4473.98	0	69.64
	District Total	580.65	5265.46	618.86	14.96	44475.14	9.79	1365.26

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
8	THRISSUR							
	1. Chavakkad	89.49	4.98	48.99	0	6158.78	0	0.05
	2. Mullasserri	77.24	1.02	24.09	0	3259.95	0.1	0.21
	3. Thalikulam	121.06	1.32	72.47	0	4732.72	0	0.12
	4. Kodungallur	17.64	0.36	13.76	0	2386.3	0	0.11
	5. Mathilakam	88.56	2.65	42.08	0	4871.26	0	0.62
	6. Chalakkudy	95.35	277.77	32.87	1.43	3693.69	1.57	26.15
	7. Irinjalakuda	189.87	11.06	24.76	0	4080.16	0	0.34
	8. Kodakara	162.06	72.6	106.73	17.58	6682.05	0.65	1.35
	9. Mala	237.79	82.25	62.55	0	4720.8	1.09	2.26
	10. Vellangallur	146.05	29.22	30.54	0	4218.62	0.13	3.63
	11. Chowannur	105.88	26.48	65.42	0	3812.25	0.24	0.3
	12. Pazhayannur	126.51	106.46	227.49	12.72	5278.72	0	0.44
	13. Vadakkancherry	230.6	108.74	131.69	1.21	6077.86	0	0.95
	14. Anthikkad	74.01	0.4	44.06	0	3839.79	0	0.61
	15. Cherpu	103.75	6.28	92.55	0	2609.04	0.21	4.29
	16. Ollukkara	197.78	85.92	149.89	.35	4829.57	0.32	4.75
	17. Puzhakkal	170.66	17.02	95.2	0	3139.61	0	2.59
	Municipalities	55.76	89.36	86.81	0	3118.22	1.65	0.67
	District Total	2290.06	923.89	1351.95	32.29	77509.39	5.96	49.44

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
9	PALAKKAD							
	1. Alathur	258.07	578.9	352.26	1.56	5373.64	0.13	7.08
	2. Attappady	1012.4	289.41	84.52	7.82	5400.56	0.08	68.38
	3. Chittoor	22.86	346.78	128.76	4.66	7743.48	0	13.98
	4. Kollangode	17.71	17.39	85.6	1.39	3248.8	0	4.06
	5. Kozhalmadam	173.02	233.74	121.99	0	2276.05	0	2.55
	6. Malampuzha	92.83	139.07	150.16	0	3971.35	0.05	4.36
	7. Mannarkkad	268.7	445.72	166.38	0	8207.07	2.1	22.9
	8. Nenmara	43.49	56.97	56.96	0	2162.84	0	0.17
	9. Ottappalam	241.86	27.08	112.25	3.78	2440.87	0.06	0.04
	10. Palakkad Blek	126.93	52.93	124.69	3.69	2558.33	0.04	0.95
	11. Pattambi	224.58	344.79	223.88	10.5	4905.69	1.03	0.33
	12. Sreekrishnapuram	157	227.94	71.61	16.3	2935.36	2.73	0.66
	13. Thrithala	227.28	60.65	99.89	5.65	4279.92	3.08	1.02
	Municipalities	135.19	21.74	164.62	7.68	1682.16	0.25	0.72
	District Total	3001.92	2843.11	1943.57	63.03	57186.12	9.55	127.2

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
10	MALAPPURAM							
	1. Malappuram	506.23	269.22	149.43	46.3	8037.07	13.14	0.6
	2. Kondotty	312.17	370.71	123	0.36	7410.91	1.95	2.74
	3. Arikkode	528.25	175.2	242.79	0	8560.44	7.06	26.47
	4. Wandoor	687.86	1404.38	442.47	0	8485.42	0.49	109.81
	5. Nilambur	175.81	368.51	195.53	0	8326.88	7.99	68.93
	6. Tirur	97.72	3.34	85.1	8.47	6364.09	11.44	0.23
	7. Tanur	76.29	18.4	115.41	11.56	8987.78	72.09	0.37
	8. Tirurangadi	102.28	112.84	80.09	3.65	7523.86	1.87	1.17
	9. Vengara	265.74	235.5	107.12	2.07	5002.33	32.24	0.17
	10. Kuttippuram	290.51	248.35	226.94	15.14	8522.5	41.03	1.14
	11. Perinthalmanna	340.09	878.53	258.45	0	7223.37	0.13	0.06
	12. Mankada	507.66	1271.68	263.07	17.93	8097.18	43.14	2.7
	13. Ponnani	157.77	7.01	43.94	9.3	3777.2	0.92	0.28
	14. Perumpadappu	95.02	13.44	49.87	1.06	4821.08	0.2	1.25
	Municipalities	331.5	430.42	209.95	0	7239.89	2.43	1.46
	District Total	4474.9	5807.53	2593.16	115.84	108380.00	236.12	217.38

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
11	KOZHIKODE							
	1. Kozhikode	51.55	28.01	87.89		4925.6	0	2.84
	2. Chelannur	95.16	136.32	92.79		8713.59	0	4.04
	3. Kunnamangalam	299.15	178.66	189.59		15599.39	0.66	232.59
	4. Koduvally	181.01	318.32	263.52		12845.37	0.9	150.61
	5. Balussery	180.92	413.84	193.07		15554.76	2.83	201.92
	6. Perambra	274.68	300.44	167.29		11510.61	2.83	55.61
	7. Melady	105.77	39.87	93.34		5568.94	1.07	0.52
	8. Panthalayani	57.98	9.61	40.27		4264.02	0.95	1.44
	9. Vadakara	45.12	37.57	33.57		4064.21	0	0.29
	10. Thodannur	158.66	88.55	108.42		7089.84	0.03	0.81
	11. Thuneri	314.97	67.63	200.59		10100.52	0.25	4.19
	12. Kunnummel	243.68	179.93	169.14		11357.18	0.15	20.92
	Corporation & Municipalities	59.25	23.17	109.21		7571.77	0.25	4.45
	District Total	2067.9	1821.92	1748.69		119165.8	9.92	680.23
12	WAYANAD							
	1. Vaithiri	38.09	401.74	67.43	0	2823.16	0.48	55.14
	2. Mananthavady	590.53	542.08	65.9	0	2864.57	0.99	37.03
	3. Sulthan Battery	76.24	746.9	236.2	5.38	4359.3	0.39	90.77
	Municipality	1.02	7.2	10.6	0	153.27		0.93
	District Total	705.88	1697.92	380.13	5.38	10200.3	1.86	183.87

Sl. No	Block	Cashew	Tapioca	Drumstick	Sesamum	Coconut	Betel Leaves	Cocoa
		17	18	19	20	21	22	23
13	KANNUR							
	1. Koothuparambu	1895.69	385.14	125.35		12641.51	0.05	3.89
	2. Peravoor	2210.22	312.23	63.32		4694.93	0.9	45.62
	3. Iritty	3428.03	266.15	115.33		6904.22	1.36	73.82
	4. Thalassery	285.07	47.84	63.52		6571.35	0	0.41
	5. Kannur	55.66	0.75	89.19		1926.83	0	0.11
	6. Edakkadu	729.58	264.76	143.07		7616.67	0.02	1.05
	7. Thaliparamba	3075.83	291.79	189.44		10574.29	2.71	111.55
	8. Payyannur	3103.72	113.37	389.56		11637.39	0.78	79.96
	9. Irikkur	3404.88	295.77	273.93		7086.08	3.23	93.63
	Municipalities	1188.4	104.98	244.43		8370.38	0.26	5.44
	District Total	19377.08	2082.78	1697.14		78023.65	9.31	415.48
14	KASARGOD							
	1. Kanhangad	2061.74	160.97	181.56		14987.6	4.43	5.29
	2. Nilswar	1023.14	184.21	196.33		14305.25	2.39	6.67
	3. Kasargod	2139.96	26.57	84.98		11572.6	3.03	7.81
	4. Manjeswar	2913.25	1.65	86.47		10470.91	1.67	111.51
	Municipalities	67.28	16.15	34.92		2887.85	0.05	14.9
	District Total	8205.37	389.55	584.26		54224.21	11.57	146.18

**A BRIEF ANALYSIS ON THE PRODUCTION OF IMPORTANT CROPS
DURING 2009 - 10**

Factors such as fertility of land, changes in monsoon, rainfall, irrigation, application of fertilisers, climatic conditions, marketing facilities, prices availability of agricultural labourers etc. influence the area and productivity of any crop. The production of food grains during the year under report is 598337 tonnes as against 592200 tonnes in 2008-09, shows an increase of 6137 tonnes. But like area, production of food grains in the state also shows a decreasing trend from year after year. The total production of food grains during the year 2009-10 is estimated as 6 lakh tonnes as against 6.31 lakhs tonnes during 2005-06. Rice is the major constituent accounting for almost 100 % of food grain production in the state. Crop wise production of food grains is given in the following table.

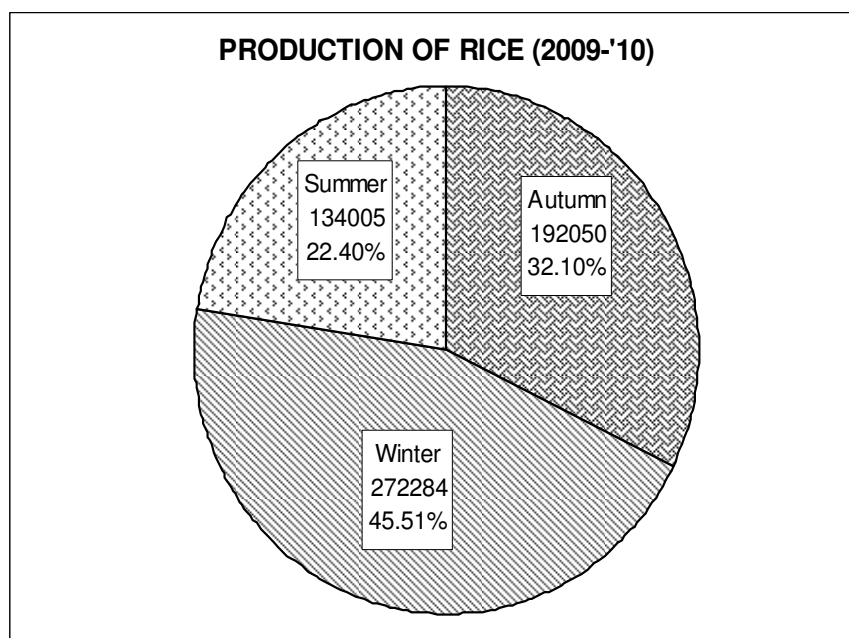
Sl. No.	Crop	2009-10		2008-09	
		Production in tonnes	%	Production in tonnes	%
1	Rice	598337	99.71	590241	99.67
2	Jower	1305	0.22	1177	0.20
3	Ragi	236	0.04	492	0.08
4	Other Cereals	176	0.03	290	0.05
Total		600054	100.00	592200	100.00

Paddy:

Paddy is the principal crop extensively cultivated in all the districts of the state having a unique three season pattern viz. Autumn (July – October), Winter (November – February) and Summer (March – June). The total production of rice is 598337 tonnes during 2009-10 as against 590241 tonnes during 2008-09. Even though the area under paddy during the year 2009-10 is decreased by 252 hectares than 2008-09, the production of rice increased from 590241 tonnes to 598337 tonnes which shows an increase of 8096 tonnes (1.37%). The production of rice is highest in Palakkad district during Autumn season followed by Thrissur

during winter and Alappuzha district during Summer season. As usual, Palakkad district occupied the first position in the production of rice (44.5%) and lowest in Kozhikode district (0.72%). The season wise production and productivity of rice are furnished in the following table.

Season	Rice				
	Production in tonnes			Productivity	
	2009-10	2008-09	% of variation	2009-10	2008-09
Autumn	192049	192770	-0.37	2486	2428
Winter	272284	249101	9.31	2533	2370
Summer	134004	148370	-9.68	2719	2982
All seasons	598337	590241	1.37	2557	2520



Cashew:

Cashew is an important commercial crop in the state. It was cultivated about 48972 hectare during 2009-10 and its production is about 35818 tonnes. The area, production and productivity shows a decreasing trend over the previous year. Kannur district contribute 60% of the total production followed by Kasaragod district 14%. Least production is in Kottayam district (0.35%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	48972	35818	731
2008-09	53007	42334	799
% of variation	-7.61	-15.39	

Coconut:

Coconut is a perennial crop, generally grown all over the state and concentrated specifically in Malappuram and Kozhikode district. Area, Production and productivity of coconut shows a decreasing trend. Malappuram district occupies first in position in the case of Coconut production in Kerala (18.8%). Kozhikode district is in the second place (15.4%). Production of coconut is lower in Wayanad district (0.81%). Area, production and productivity shows a slight decreasing trend

Year	Area in hectare	Production in million nuts	Yield rate in Nos. /ha.
2009-10	778618	5667	7278
2008-09	787769	5802	7365
% of variation	-1.16	-2.33	

Arecanut:

Even though the area of Arecanut shows a slight increasing trend, the production and productivity of Arecanut during 2009-10 (116763 tonnes) shows a decreasing trend. Highest contribution in the case of Arecanut production is 24% from Kasaragod district. Malappuram comes in the second place (21.88%). Lowest production is in Thiruvananthapuram district (0.39%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	99219	116763	1177
2008-09	97492	125654	1289
% of variation	1.77	-7.08	

Tapioca:

Kollam district contribute 20% of total Tapioca production followed by Thiruvananthapuram district (16.79%). Lowest production of Tapioca is in Kasaragod district (0.35%). Area and production of Tapioca shows a decreasing trend, but productivity shows an increasing trend.

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	74856	2525384	33737
2008-09	87241	2712114	31088
% of variation	-14.20	-6.89	

Pepper:

During the current year total production of pepper is increased by 14451 tonnes than 2008-09. Idukki district occupied the first place in the case of pepper production (53%) followed by Wayanad district (22%). Least production shows in Alappuzha district (0.3%). Area, production and productivity of pepper shows an increasing trend.

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	171489	48442	282
2008-09	153711	33991	221
% of variation	11.57	42.51	

Ginger:

The area and production of ginger shows a decreasing trend over the previous year viz. -27.13% and -7.15% respectively while productivity shows an increasing trend 27.41%. First place goes to wayanad district in the case of Ginger production (64%) followed by Palakkad district (13%). Lowest production is in Kasaragod district (0.23%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	5408	28605	5289
2008-09	7421	30809	4152
% of variation	-27.13	-7.15	

Turmeric:

The area and production of Turmeric also shows a decreasing trend over the previous year viz. -12.37 and -4.68 respectively while productivity shows an increasing trend 8.77%. Highest contribution in turmeric production is by Palakkad district (24%) followed by Ernakulam district (15%). Lowest production is in Alappuzha district (0.35%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	2438	6066	2488
2008-09	2782	6364	2288
% of variation	-12.37	-4.68	

Cocoa:

The area, Production and productivity of cocoa shows a decreasing trend than the last year. Idukki district occupied the first place in cocoa production (59%) followed by Kottayam district (10%). Lowest production is in Kollam district (0.03%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	12113	6198	512
2008-09	15261	8778	575
% of variation	-20.63	-29.39	

Banana:

The area, production and productivity of Banana shows a decreasing trend than the previous year. Palakkad district shows the highest production (20%) followed by Wayanad district (18%). Least production is in Kasaragod district (1%).

-4-

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	51275	406242	7923
2008-09	54739	435979	7965
% of variation	-6.33	-6.82	

Plantain:

The area production and productivity of plantain also shows a decreasing trend. Total production of plantain decreased to 61087 tonnes during 2009-10 than the previous year. Palakkad district occupies first place in the production of plantain (28%) followed by Thiruvananthapuram district (13%). Lowest production is in wayanad district (2%).

Year	Area in hectare	Production in tonnes	Yield rate in Kg/ha.
2009-10	47802	338546	7082
2008-09	50126	399633	7973
% of variation	-4.64	-15.29	

TABLE-4

DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2009-10

(Production in Tonnes)

Sl. No.	District	Rice				Jower	Ragi	Other Cereals	Sugarcane (Canegur)	Black Pepper	Green Chillies	Pulses including Tur
		Autumn	Winter	Summer	Total							
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Thiruvananthapuram	3942	3282	340	7564				0	1031	99	47
2	Kollam	2060	5693	194	7947				0	1501	188	149
3	Pathanamthitta	466	1490	5782	7738				72	850	41	
4	Alappuzha	28912	22672	46392	97976				579	134	52	99
5	Kottayam	11484	7634	20295	39413				147	967	121	163
6	Idukki	1510	4106	521	6137	10		9	22203	25472	54	115
7	Ernakulam	7803	10622	2599	21024				0	798	80	115
8	Thrissur	6922	28603	28329	63854				0	895	210	1
9	Palakkad	112866	136538	16827	266231	1283	236	167	5475	1121	74	2244
10	Malappuram	2343	13269	4281	19893				0	581	95	49
11	Kozhikode	221	2850	1231	4302				0	1010	74	15
12	Wayanad	0	26338	6819	33157	9			0	4497	72	169
13	Kannur	7843	5843	157	13843				15	2505	91	179
14	Kasaragode	5678	3344	238	9260	3			6	1098	51	45
	State Total	192050	272284	134005	598339	1305	236	176	28497	42459	1302	3390

TABLE-4 (Contd...)

Sl. No.	District	Cured Ginger	Cured Termeric	Groundnut	Arecanut	Tamarind	Mango	Jack (Nos. in million nuts)	Banana	Other Plantain
1	2	14	15	16	17	18	19	20	21	22
1	Thiruvananthapuram	152	84	1	460	2492	19918	24	17250	44905
2	Kollam	898	341		1587	1228	29724	22	13624	26735
3	Pathanamthitta	860	125		615	374	11147	10	16860	14491
4	Alappuzha	168	21		1008	739	17639	8	4322	11827
5	Kottayam	268	178		1333	707	12057	15	25696	22167
6	Idukki	2316	555		3148	769	30555	37	19506	25451
7	Ernakulam	588	900		5130	730	18233	17	58787	25074
8	Thrissur	164	177		7095	1442	31079	20	19455	23277
9	Palakkad	3779	1430	991	11554	5415	73313	25	80068	95528
10	Malappuram	141	469		25542	1964	32117	22	45590	11240
11	Kozhikode	401	721		12710	1606	22215	23	11102	11167
12	Wayanad	18439	672		5385	258	12524	23	71627	7487
13	Kannur	352	349		13516	1382	50803	29	18640	10043
14	Kasaragode	77	44		27680	521	11844	6	3715	9154
	State Total	28603	6066	992	116763	19627	373168	281	406242	338546

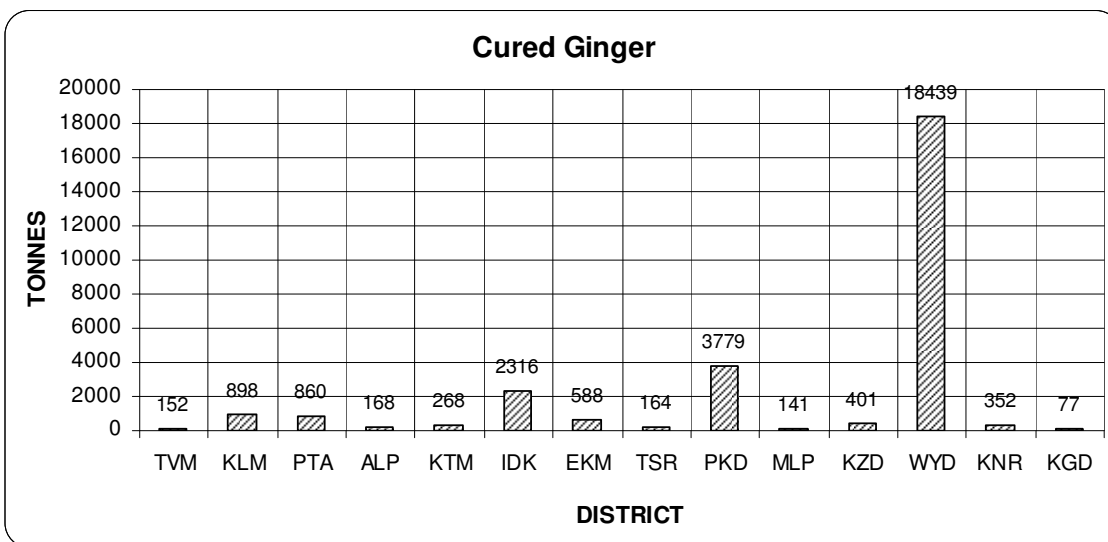
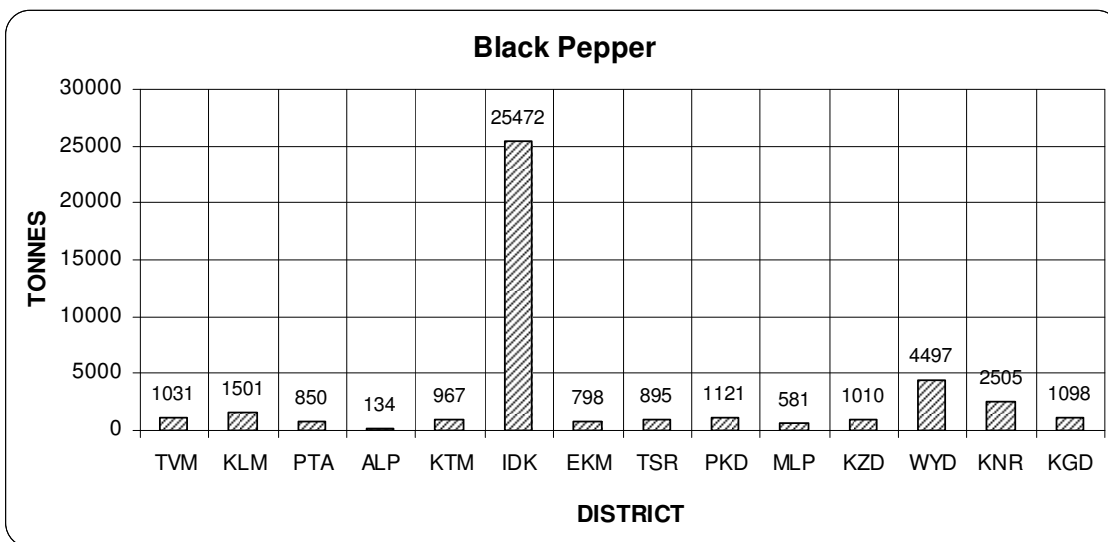
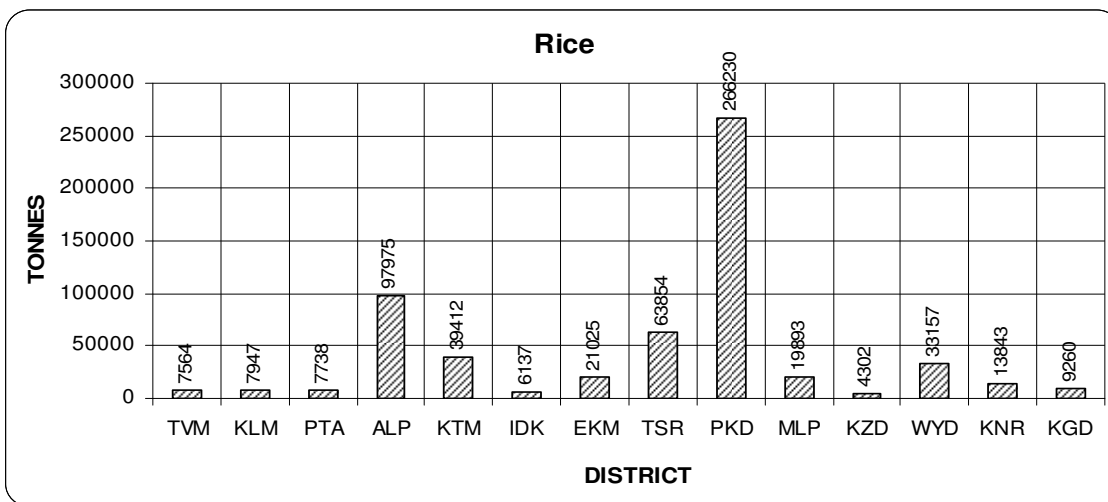
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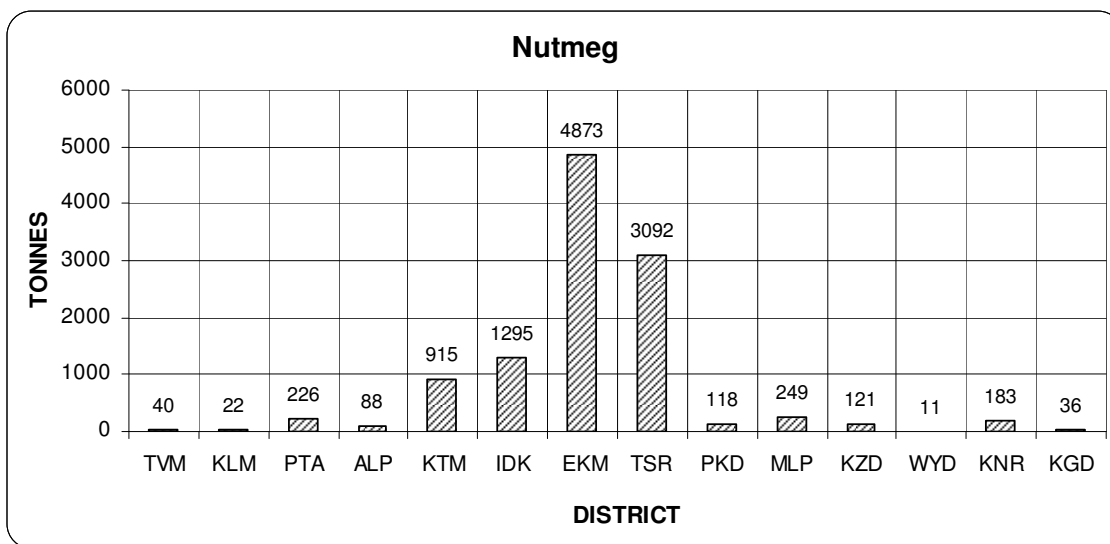
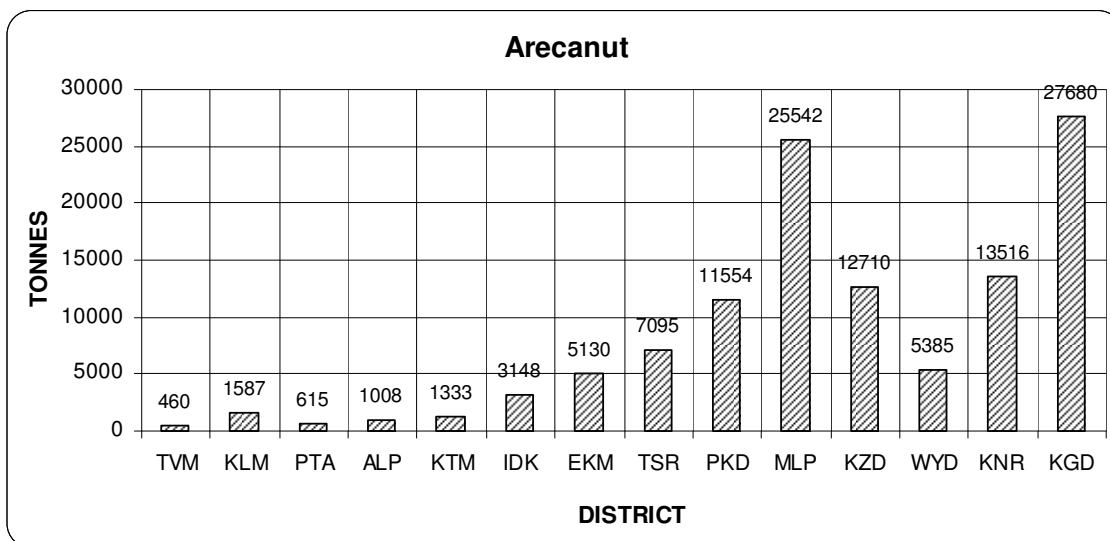
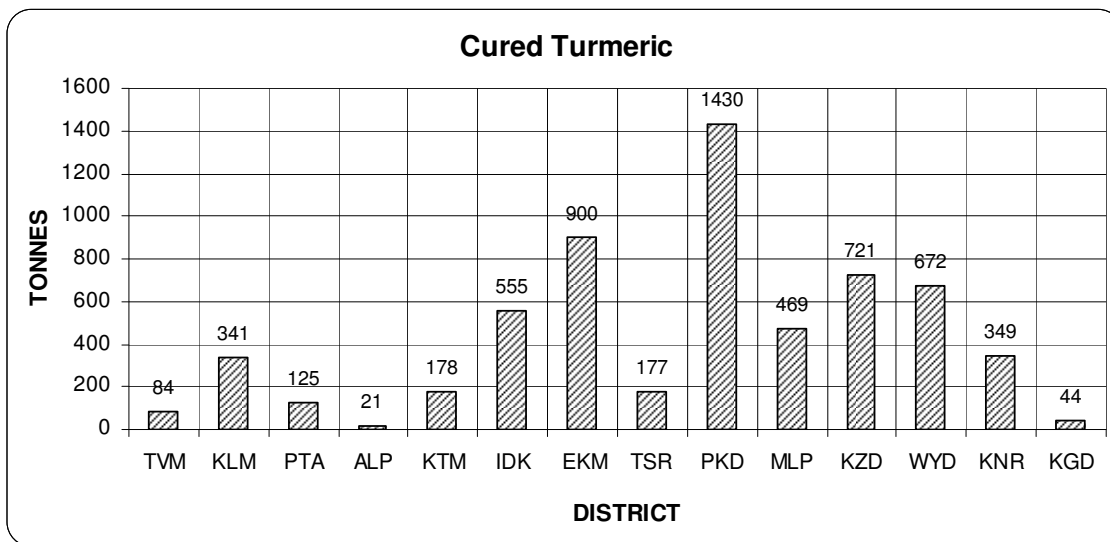
Sl. No.	District	Pineapple	Tapioca	Sweet Potato	Pappaya	Drumstick	Sesamum	Coconut (million nuts)	Cotton (No. of bales of 170 kg. Each)	Nutmeg	Tobacco
1	2	23	24	25	26	27	28	29	30	31	32
1	Thiruvananthapuram	1313	424015	216	12875	2292	0	591		40	
2	Kollam	1187	503095	132	7572	1725	86	412		22	
3	Pathanamthitta	1014	293652	11	6280	371	0	114		226	
4	Alappuzha	476	73478	48	8856	383	50	257		88	
5	Kottayam	7064	226941	16	7743	453	0	141		915	
6	Idukki	8224	213318	46	5303	543	2	90		1295	
7	Ernakulam	57464	228343	81	7427	664	2	235		4873	
8	Thrissur	362	28236	66	3762	1608	11	538		3092	
9	Palakkad	548	90428	1264	4791	3989	7	417	1324	118	
10	Malappuram	687	225500	1219	11834	1244	48	1063		249	
11	Kozhikode	957	51171	194	7016	519	0	868		121	
12	Wayanad	118	80618	106	3240	136	0	46		11	
13	Kannur	1107	77740	318	17917	1366	0	479		183	
14	Kasaragode	256	8849	858	4391	562	0	416		36	34
	State Total	80777	2525384	4575	109007	15855	206	5667	1324	11269	34

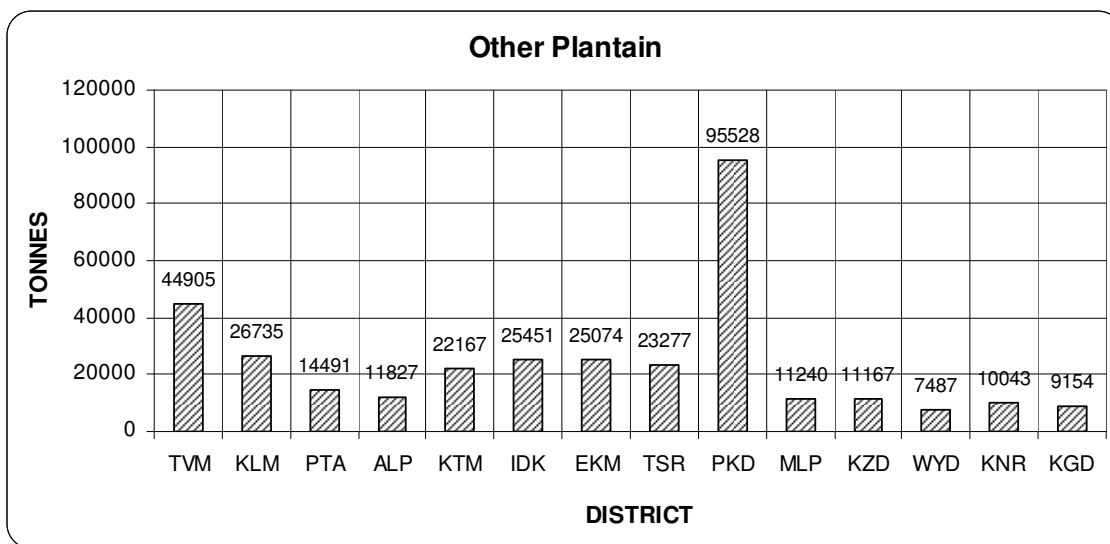
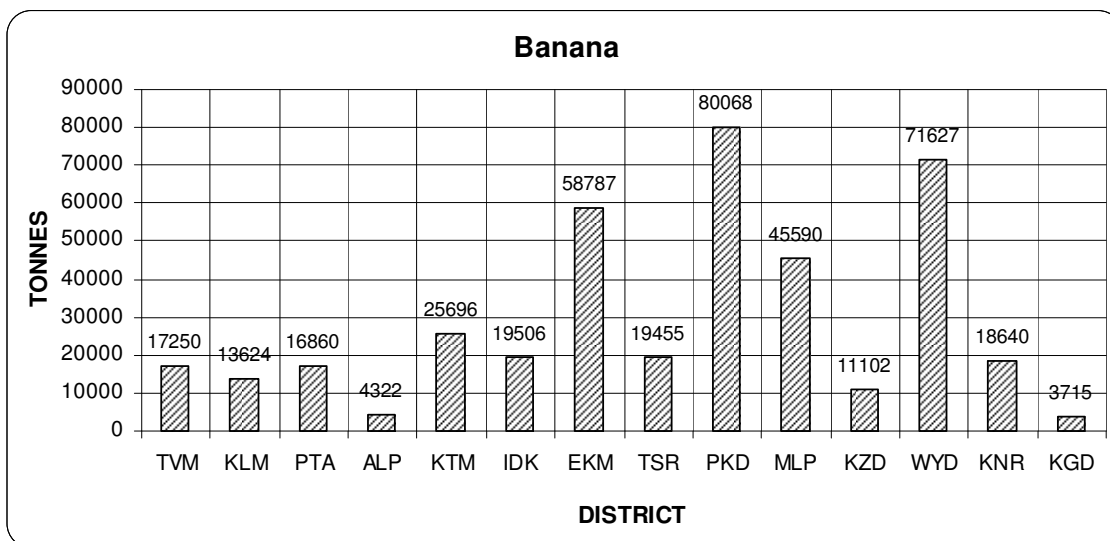
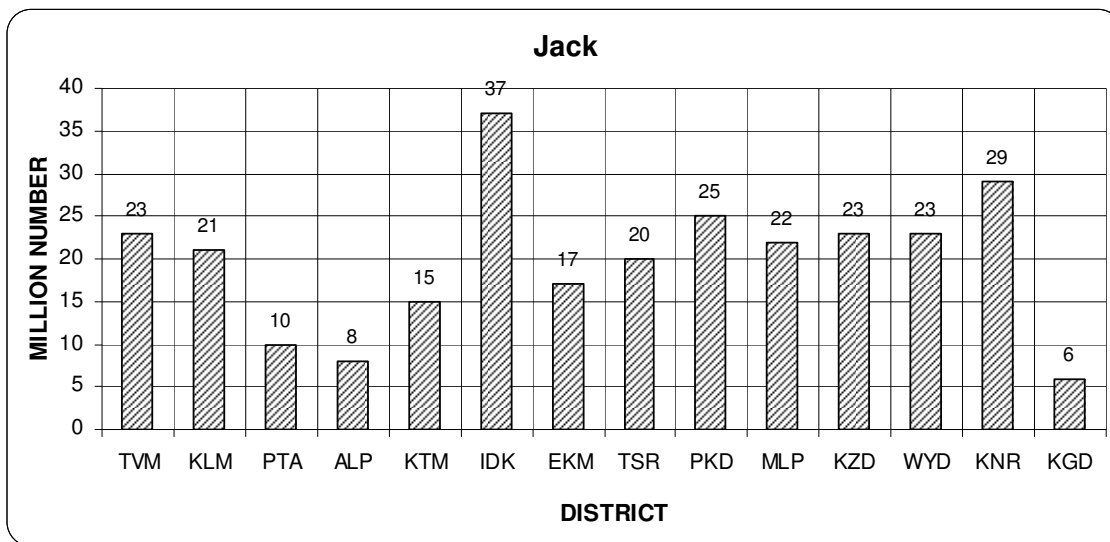
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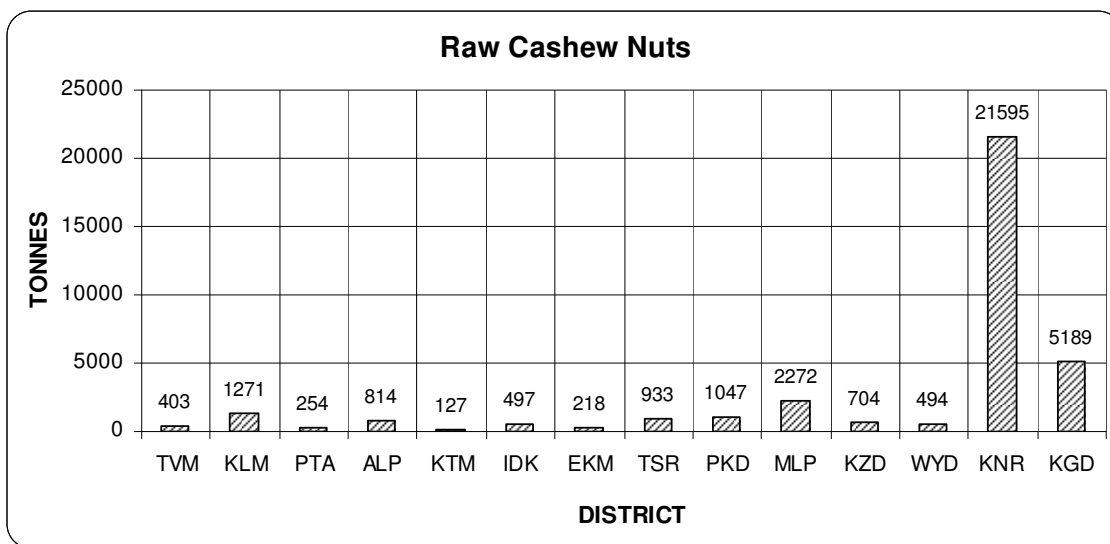
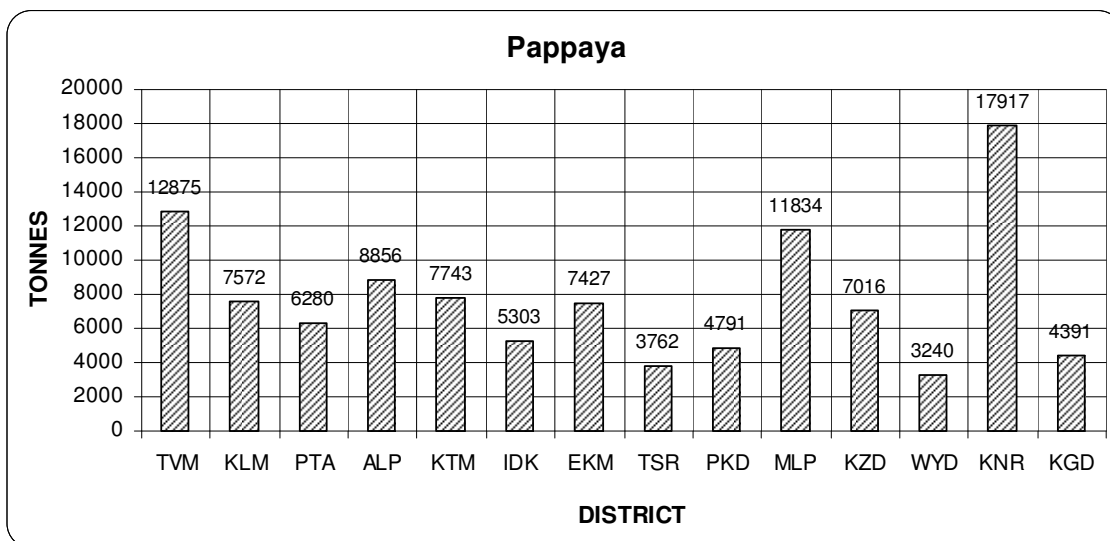
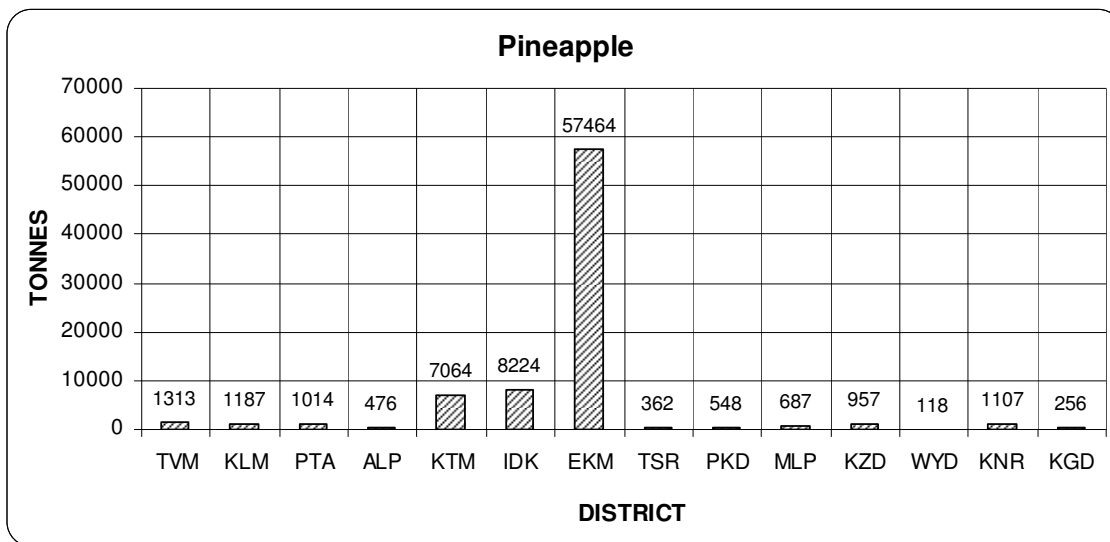
Sl. No.	District	Tea*	Coffee*	Rubber##	Cocoa	Processed cardamom#	Raw cashew nuts	Betel leaves	Clove (dry)	Garlic
1	2	33	34	35	36	37	38	39	40	41
1	Thiruvananthapuram			42900	25		403	879	2	
2	Kollam	95		50830	2		1271	1745	2	
3	Pathanamthitta			77400	240	11	254	653	2	
4	Alappuzha			6580	49		814	1908	1	
5	Kottayam	45		170800	603	13	127	344	15	
6	Idukki	45162	7425	54600	3626	7077	497	0	45	5712
7	Ernakulam			90770	732		218	365	1	
8	Thrissur	1657		21800	11		933	232	2	
9	Palakkad	1485	1875	47930	104	330	1047	148	3	
10	Malappuram			48080	147	0	2272	13951	1	
11	Kozhikode			28275	369	3	704	580	3	
12	Wayanad	9366	49950	8400	67	366	494	116	3	
13	Kannur			58125	201	0	21595	476	2	
14	Kasaragode			39020	22	0	5189	436	2	
	State Total	57810	59250	745510	6198	7800	35818	21833	84	5712

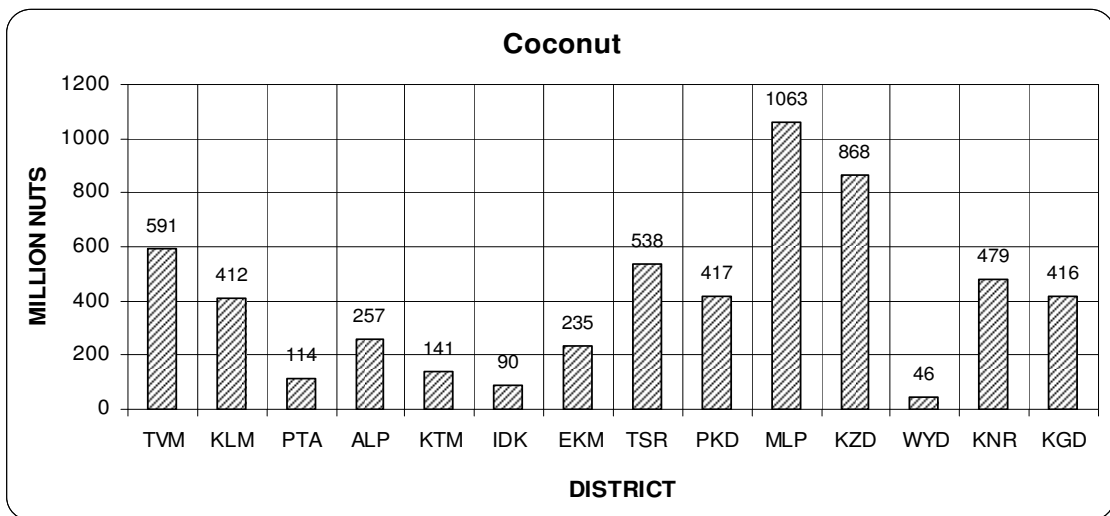
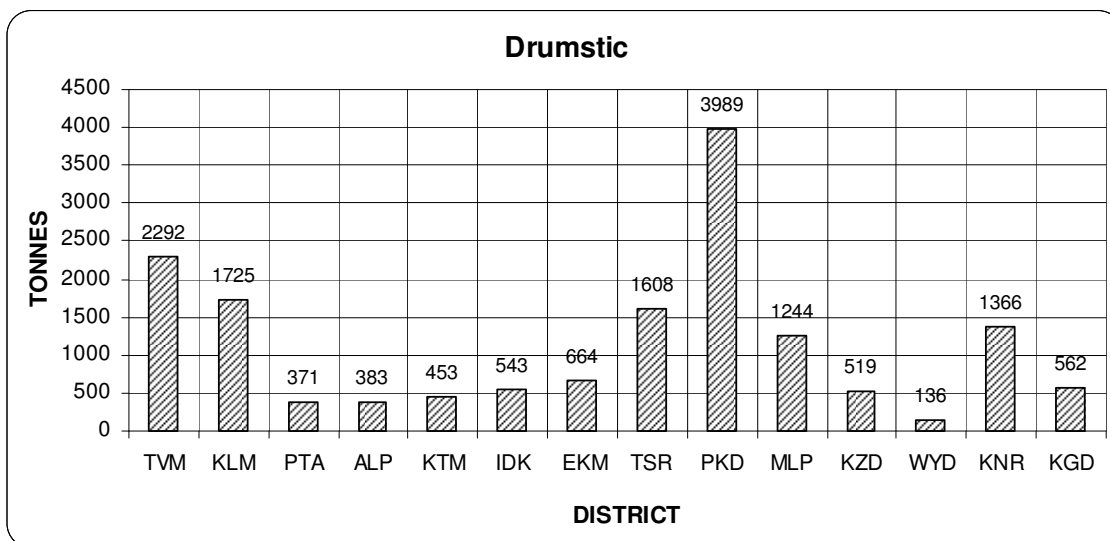
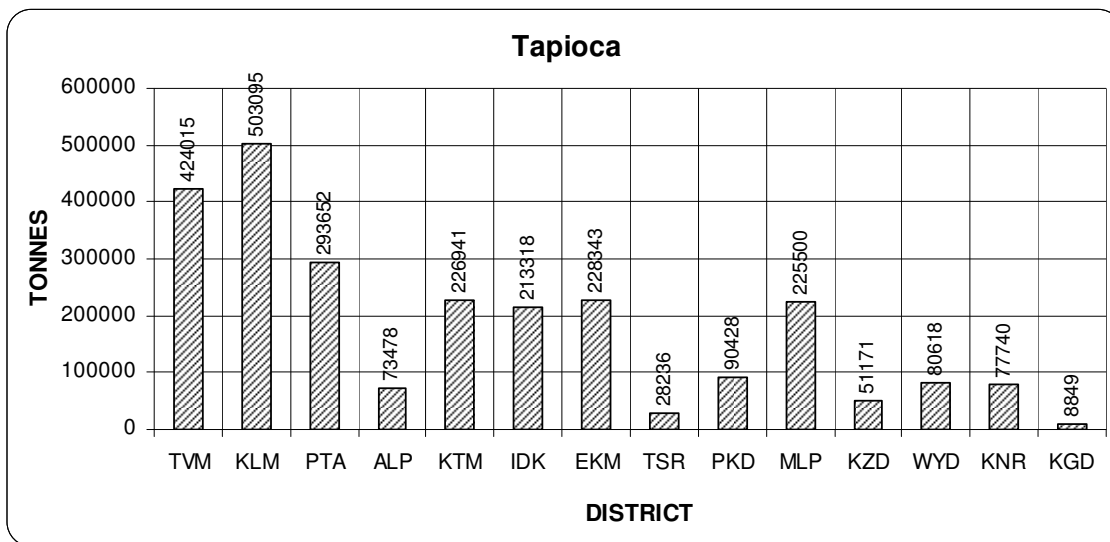
DISTRICTWISE PRODUCTION OF IMPORTANT CROPS 2009-10











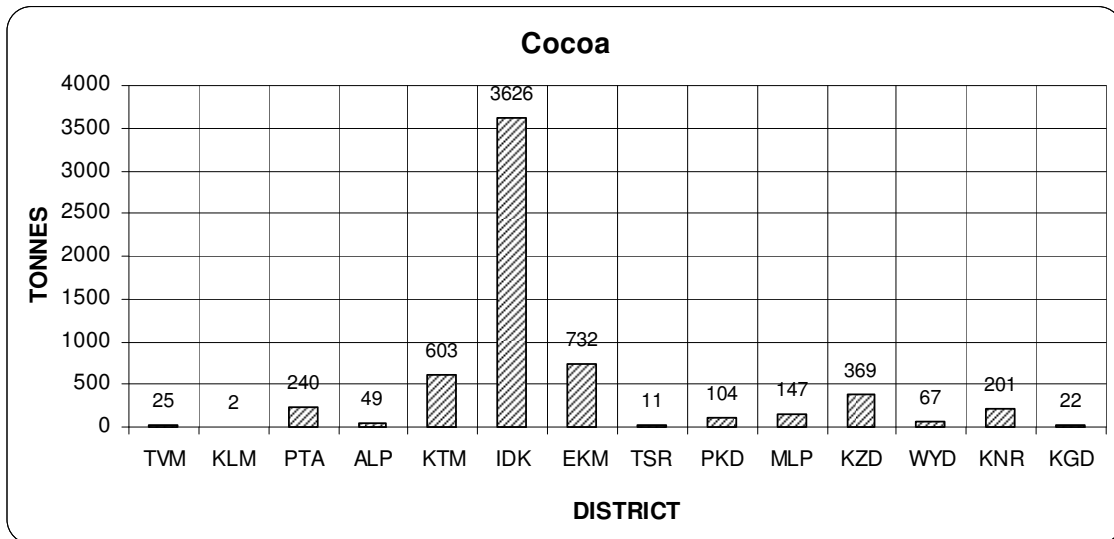
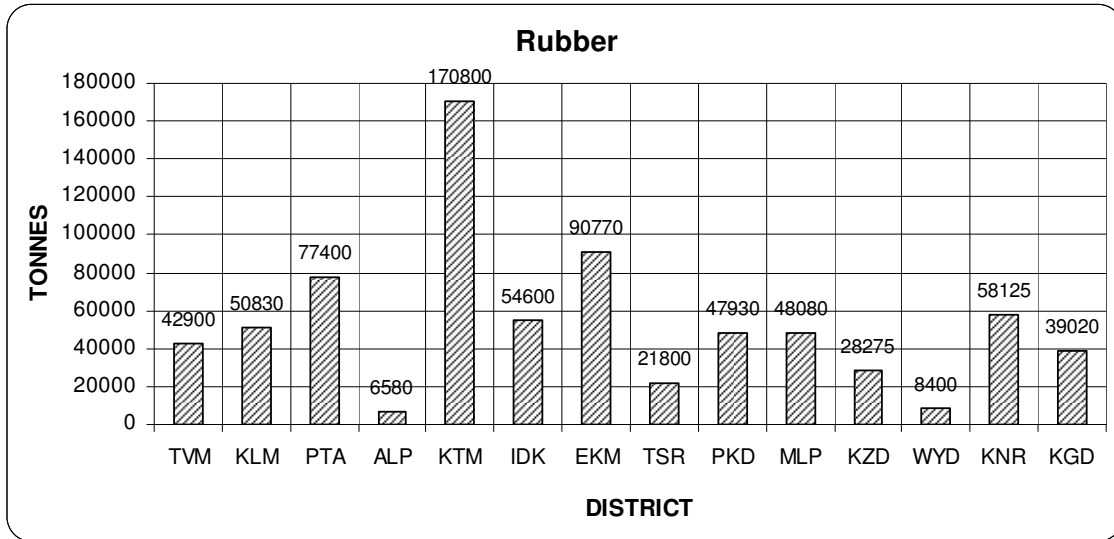


TABLE-4.1**BLOCKWISE PRODUCTION OF IMPORTANT CROPS 2009-10**

(Production in tonnes)

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
1	THIRUVANANTHAPURAM									
	1. Trivandrum Rural	0.000	0.000	0.000	0.000		1.701	0.851	0.181	5.314
	2. Kazhakkuttam	100.837	35.329	29.220	165.386		30.060	2.221	1.127	16.7
	3. Nemom	111.773	95.444	202.144	409.361		24.358	4.763	1.164	34.053
	4. Athiyannur	27.104	4.859	0.000	31.963		12.880	4.603	2.014	8.488
	5. Chirayinkeezh	476.288	263.964	0.000	740.252		96.267	4.259	4.298	32.332
	6. Kilimanoor	1725.803	1618.930	0.000	3344.733		216.587	27.866	15.894	87.598
	7. Varkala	720.403	790.799	0.000	1511.202		134.649	5.757	3.404	33.8
	8. Nedumangad	48.872	3.163	12.977	65.012		75.063	6.62	9.23	42.958
	9. Vellanad	23.094	19.234	0.144	42.472		124.386	16.409	10.475	54.147
	10. Vamanapuram	200.382	210.885	0.000	411.267		170.652	51.767	31.568	54.809
	11. Parassala	375.238	210.917	54.790	640.945		10.925	12.518	1.131	7.955
	12. Perumkadavila	34.109	10.207	24.983	69.299		65.388	10.636	1.641	42.774
	Corporation & Municipalities	97.897	18.729	15.328	131.954		68.317	4.202	2.321	39.465
	District Total	3941.800	3282.460	339.586	7563.846		1031.235	152.472	84.448	460.393

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
2	KOLLAM									
	1. Ithikkara	189.108	722.323	21.243	932.674		206.364	27.24	35.965	92.855
	2. Mukhathala	69.322	270.977	1.354	341.653		118.949	7.665	4.663	54.697
	3. Anchalumood	37.242	34.062	0.000	71.304		30.135	5.023	4.355	43.406
	4. Chittumala	41.785	178.185	0.000	219.970		111.754	17.034	18.402	53.464
	5. Chavara	16.873	20.063	0.000	36.936		44.275	12.342	3.916	136.843
	6. Karunagappally	60.799	177.007	121.711	359.517		20.253	13.305	6.295	62.537
	7. Ochira	80.501	81.115	0.000	161.616		8.573	5.279	2.284	34.631
	8. Sasthamcottah	254.231	939.790	44.006	1238.027		181.415	122.691	29.201	188.108
	9. Chadayamangalam	327.992	944.804	0.250	1273.046		125.618	135.532	64.146	232.736
	10. Kottarakkara	406.543	1262.192	0.000	1668.735		185.809	50.398	39.008	97.743
	11. Vettikkavala	205.222	294.408	0.000	499.630		108.551	70.679	33.8	132.29
	12. Anchal	244.504	456.224	2.458	703.186		240.703	268.326	59.76	253.423
	13. Pathanapuram	104.793	237.959	3.137	345.889		108.597	146.595	35.266	160.73
	Municipalities	20.896	73.853	0.000	94.749		10.270	15.926	4.432	43.327
	District Total	2059.811	5692.962	194.159	7946.932		1501.266	898.035	341.493	1586.79

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
3	PATHANAMTHITTA									
	1. Parakode	174.338	566.546	21.566	762.450		219.466	306.671	33.915	122.629
	2. Pandalam	47.217	121.833	666.639	835.689		36.113	85.675	11.822	30.633
	3. Kulanada	1.084	12.966	144.560	158.610		48.163	68.715	5.177	29.596
	4. Elanthur	7.720	156.480	94.970	259.170		65.200	85.064	6.486	68.661
	5. Konni	31.987	406.205	2.432	440.624	2.25	96.413	103.632	9.764	100.039
	6. Ranni	0.000	1.854	0.000	1.854		187.690	109.915	33.898	73.588
	7. Koipram	0.000	63.483	177.253	240.736	30.215	54.539	28.293	8.928	53.505
	8. Mallappally	0.000	115.541	165.755	281.296		101.013	26.475	8.777	46.526
	9. Pulikeezh	203.153	12.496	4315.381	4531.030	39.312	14.901	7.919	3.843	35.777
	Municipalities	0.661	32.554	193.344	226.559		26.411	37.926	2.875	54.324
	District Total	466.160	1489.958	5781.900	7738.018	71.777	849.909	860.285	125.485	615.278

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
4	ALAPPUZHA									
	1. Thaikkattussery	256.853	62.219	0.122	319.194		4.304	0	0.02	62.972
	2. Pattanakkadu	275.713	178.661	0.000	454.374		2.964	0.1	0.116	100.138
	3. Kanjikkuzhi	120.244	66.946	0.000	187.190		6.016	0.182	0.256	26.74
	4. Aryad	206.972	24.169	62.801	293.942		2.542	0.134	0.206	39.48
	5. Ambalapuzha	6248.064	750.747	2447.391	9446.202		5.440	0	0.086	13.478
	6. Chengannur	5.532	339.997	3046.261	3391.790	579.22	27.753	77.354	3.892	26.965
	7. Mavelikkara	67.542	159.599	2421.270	2648.411		7.908	11.594	1.412	14.083
	8. Bharanikavu	112.180	220.792	1069.411	1402.383		22.569	44.653	2.632	78.197
	9. Harippad	601.310	1342.739	4646.920	6590.969		19.488	10.937	4.861	116.354
	10. Muthukulam	78.937	43.420	369.712	492.069		21.920	7.981	4.064	43.729
	11. Velianad	859.878	9147.065	15798.277	25805.220		0.268	0.357	0.223	166.076
	12. Chembakulam	18550.837	9765.191	15239.984	43556.012		0.894	1.099	1.113	268.044
	Municipalities	1527.633	570.036	1290.053	3387.722		11.435	13.944	1.883	51.396
	District Total	28911.695	22671.581	46392.202	97975.478	579.22	133.501	168.335	20.764	1007.652

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
5	KOTTAYAM									
	1. Madappally	83.884	5.136	4269.684	4358.704		61.883	6.933	2.36	25.282
	2. Vazhoor	0.000	8.660	15.931	24.591		90.404	12.952	8.603	83.069
	3. Ettumanoor	6468.633	285.698	4649.191	11403.522	0.464	37.127	4.915	6.064	38.841
	4. Pallom	2143.171	1205.226	8226.377	11574.774	147.281	92.411	27.064	13.338	73.366
	5. Pampady	6.011	52.488	3.738	62.237		107.080	19.289	12.503	59.065
	6. Erattupettah	0.000	0.967	0.000	0.967		131.897	21.178	13.314	205.049
	7. Lalam	28.436	172.215	0.000	200.651		71.384	14.018	8.243	160.262
	8. Uzhavoor	109.634	216.435	62.437	388.506		175.382	108.045	52.587	305.383
	9. Kaduthuruthy	822.059	2212.035	2482.402	5516.496		42.515	18.513	31.353	86.887
	10. Vaikom	1819.296	3461.758	316.956	5598.010		12.257	0.541	0.834	152.487
	11. Kanjirappally	0.000	0.000	0.000	0.000		136.315	31.852	27.902	123.382
	Municipalities	2.387	13.311	267.990	283.688		8.769	2.696	0.532	20.234
	District Total	11483.511	7633.929	20294.706	39412.146	147.745	967.425	267.996	177.633	1333.307

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
6	IDUKKI									
	1. Adimali	110.821	17.158	82.296	210.275		6387.867	794.802	203.169	971.619
	2. Nedumkandam	0.000	564.620	239.756	804.376		5388.462	241.08	43.212	464.125
	3. Thodupuzha	385.096	716.286	0.000	1101.382		34.324	16.925	18.368	86.87
	4. Elamdesam	886.610	1377.235	0.000	2263.845		50.472	54.388	26.808	141.185
	5. Kattappana	0.000	917.278	100.421	1017.699		4251.935	412.053	53.263	226.75
	6. Azhutha	0.000	21.579	0.000	21.579		5040.481	235.556	89.627	167.962
	7. Idukki	27.126	87.343	37.608	152.077		2416.262	447.447	100.97	547.148
	8. Devikulam	0.000	243.163	60.592	303.755	22202.944	1893.185	111.322	16.912	512.64
	Municipality	99.978	161.488	0.000	261.466		8.588	2.739	2.183	29.796
	District Total	1509.631	4106.150	520.673	6136.454	22202.944	25471.574	2316.312	554.512	3148.095

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
7	ERNAKULAM									
	1. Alangad	323.057	403.568	229.480	956.105		29.838	1.134	1.714	176.85
	2. Angamali	819.201	882.345	79.554	1781.100		98.567	26.728	33.719	475.462
	3. Edappalli	175.464	2.433	0.000	177.897		1.607	0	0.645	50.691
	4. Koovappadi	1288.563	1444.935	729.932	3463.430		36.501	101.913	33.867	390.858
	5. Kothamangalam	1212.328	1741.477	376.966	3330.771		105.830	216.874	290.981	840.12
	6. Mulanthuruthy	270.350	307.314	625.432	1203.096		62.028	1.474	2.069	170.345
	7. Moovattupuzha	591.012	857.904	22.617	1471.533		162.789	120.015	327.993	467.253
	8. Palluruthi	29.173	0.000	0.000	29.173		6.747	0	0.063	48.851
	9. Pampakkuda	553.470	1435.845	0.000	1989.315		109.522	52.596	102.427	535.248
	10. Parakadavu	367.424	643.017	67.079	1077.520		33.500	13.984	8.763	264.982
	11. Parur	213.886	2.273	0.000	216.159		9.284	0.369	1.391	225.018
	12. Vazhakkulam	491.981	771.829	252.694	1516.504		43.580	27.477	47.927	345.047
	13. Vadavukode	1174.235	1895.860	166.696	3236.791		43.743	8.936	15.847	447.459
	14. Vypin	117.496	0.000	0.000	117.496		14.428	0.055	0.588	266.709
	15. Vyttila	1.985	0.000	0.000	1.985		0.700	0.056	0.143	36.138
	Corporation & Municipalities	173.625	233.483	48.853	455.961		38.933	16.713	31.367	388.968
	District Total	7803.250	10622.283	2599.303	21024.836		797.597	588.324	899.504	5129.999

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
8	THRISSUR									
	1. Chavakkad	0.000	57.940	206.774	264.714		8.972	0.104	0.86	166.244
	2. Mullasserri	9.660	3017.125	2340.593	5367.378		9.673	0.223	0.464	54.628
	3. Thalikulam	1.597	0.000	0.000	1.597		4.940	0	0.923	151.77
	4. Kodungallur	0.000	0.863	0.000	0.863		0.848	0.023	0.109	144.532
	5. Mathilakam	0.000	26.111	0.000	26.111		1.163	0.121	0.468	222.211
	6. Chalakkudy	230.534	214.252	113.568	558.354		85.497	23.467	17.631	139.138
	7. Irinjalakuda	91.796	16.309	1427.343	1535.448		34.999	2.466	2.891	80.406
	8. Kodakara	367.146	1264.835	150.125	1782.106		58.653	24.275	32.756	361.804
	9. Mala	246.555	1028.579	357.571	1632.705		86.116	32.889	21.518	352.083
	10. Vellangallur	108.137	553.641	459.112	1120.890		73.004	31.371	26.09	327.855
	11. Chowannur	211.317	2613.340	4585.845	7410.502		129.759	5.332	4.376	1581.798
	12. Pazhayannur	4041.182	6444.132	89.153	10574.467		111.084	15.035	29.934	343.676
	13. Vadakkancherry	908.703	6136.802	891.227	7936.732		116.696	18.83	25.256	1547.176
	14. Anthikkad	86.930	999.917	5730.712	6817.559		14.231	0.139	0.777	110.232
	15. Cherpu	118.516	695.501	5783.971	6597.988		25.820	0.255	0.253	128.365
	16. Ollukkara	131.467	1703.329	197.451	2032.247		28.419	4.872	3.887	295.552
	17. Puzhakkal	304.894	3637.243	5658.357	9600.494		76.578	1.568	1.933	925.248
	Municipalities	63.696	192.924	337.364	593.984		28.351	3.486	7.226	162.271
	District Total	6922.130	28602.843	28329.166	63854.139		894.800	164.456	177.352	7094.989

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
9	PALAKKAD									
	1. Alathur	15685.872	20128.859	14.423	35829.154		141.380	464.471	286.738	1480.256
	2. Attappady	1.187	16.909	56.543	74.639	292.566	427.727	701.652	381.56	3514.656
	3. Chittoor	9036.258	7060.667	12491.371	28588.296	5061.342	3.219	318.866	25.625	129.347
	4. Kollangode	14427.065	10279.063	2481.556	27187.684		0.423	393.009	32.556	34.885
	5. Kozhalmadam	21255.189	27358.111	0.000	48613.300		17.863	608.714	270.098	24.888
	6. Malampuzha	17306.784	19380.064	466.655	37153.503	121.327	9.217	71.88	38.49	50.88
	7. Mannarkkad	145.783	1657.514	156.447	1959.744		104.336	63.833	151.683	3556.583
	8. Nenmara	15492.629	17148.022	0.000	32640.651		40.490	645.778	67.796	379.65
	9. Ottappalam	3272.710	5475.500	0.470	8748.680		44.411	27.336	22.228	20.015
	10. Palakkad	8819.098	12661.219	172.595	21652.912		37.008	203.168	58.35	90.603
	11. Pattambi	2298.289	5046.019	139.905	7484.213		117.632	59.053	26.641	358.001
	12. Sreekrishnapuram	1991.602	3762.443	132.678	5886.723		105.099	56.186	44.377	806.809
	13. Thrithala	552.041	3703.028	346.569	4601.638		53.660	15.034	8.254	1060.898
	Municipalities	2581.339	2860.347	367.351	5809.037		18.140	149.62	15.131	47.086
	District Total	112865.846	136537.765	16826.563	266230.174	5475.235	1120.604	3778.6	1429.527	11554.557

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
10	MALAPPURAM									
	1. Malappuram	203.597	764.451	0.000	968.048		37.883	9.122	30.885	1818.106
	2. Kondotty	67.029	556.403	148.200	771.632		52.517	4.33	9.269	1130.392
	3. Arikkode	141.958	815.442	18.829	976.229		61.668	11.75	31.241	4057.238
	4. Wandoor	307.218	896.116	11.412	1214.746		129.209	17.346	142.496	5278.512
	5. Nilambur	561.710	738.470	14.036	1314.216		33.436	30.289	61.229	3698.153
	6. Tirur	118.734	811.962	141.066	1071.762		10.741	0.569	1.072	276.543
	7. Tanur	16.392	427.715	6.291	450.398		11.067	2.072	8.106	1128.183
	8. Tirurangadi	69.421	458.568	436.122	964.111		16.271	4.189	6.035	497.669
	9. Vengara	53.682	685.178	124.906	863.766		20.777	7.523	16.62	950.047
	10. Kuttippuram	53.214	2175.960	8.777	2237.951		29.921	1.756	6.385	1268.055
	11. Perinthalmanna	136.084	981.722	0.000	1117.806		64.633	18.135	67.242	1856.032
	12. Mankada	300.662	2031.134	0.000	2331.796		33.700	21.808	63.536	1275.314
	13. Ponnani	75.532	989.784	698.173	1763.489		23.905	0.714	0.325	689.009
	14. Perumpadappu	79.692	401.577	2667.108	3148.377		27.793	0.381	0.418	488.83
	Municipalities	157.766	534.657	6.326	698.749		27.222	11.043	23.892	1129.931
	District Total	2342.691	13269.139	4281.246	19893.076		580.743	141.027	468.751	25542.014

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
11	KOZHIKODE									
	1. Kozhikode	7.687	50.519	12.131	70.337		24.153	0.361	7.63	156.852
	2. Chelannur	10.169	248.003	30.068	288.240		52.819	3.303	37.625	415.43
	3. Kunnamangalam	93.047	538.521	150.183	781.751		202.877	185.955	92.883	2211.741
	4. Koduvally	46.936	355.873	7.122	409.931		156.613	104.361	163.956	3605.557
	5. Balussery	10.517	486.963	5.707	503.187		124.069	20.989	130.164	2341.709
	6. Perambra	10.856	595.071	426.028	1031.955		89.045	32.118	89.94	1595.031
	7. Melady	8.709	136.340	325.760	470.809		18.279	10.923	36.567	132.68
	8. Panthalayani	3.669	97.894	17.320	118.883		28.873	0.877	10.803	87.936
	9. Vadakara	1.437	18.121	0.000	19.558		17.768	0.817	5.255	62.63
	10. Thodannur	2.377	91.602	236.682	330.661		38.211	9.409	25.074	304.06
	11. Thuneri	20.751	55.816	0.052	76.619		124.415	5.65	35.412	490.441
	12. Kunnummel	1.332	158.462	6.036	165.830		115.389	24.933	80.376	961.774
	Corporation & Municipalities	3.389	17.041	13.738	34.168		17.259	1.653	5.042	344.468
	District Total	220.876	2850.226	1230.827	4301.929		1009.770	401.349	720.727	12710.309

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
12	WAYANAD									
	1. Vaithiri	0.000	5144.065	1038.142	6182.207		521.239	1605.166	95.68	1662.483
	2. Mananthavady	0.000	8403.719	1869.657	10273.376		1718.500	3545.841	185.126	1868.632
	3. Sulthan Battery	0.000	12744.697	3891.891	16636.588		2255.906	13212.544	390.266	1723.698
	Municipality	0.000	45.435	19.610	65.045		1.841	75.275	0.921	130.272
	District Total	0.000	26337.916	6819.300	33157.216		4497.485	18438.826	671.993	5385.085
13	KANNUR									
	1. Koothuparambu	202.829	104.338	1.713	308.880		291.575	4.754	51.732	796.736
	2. Peravoor	155.628	241.245	88.682	485.555		179.119	134.418	56.346	915.797
	3. Iritty	448.288	574.246	30.692	1053.226		160.927	149.683	122.255	623.713
	4. Thalassery	48.061	22.571	0.000	70.632		56.390	0.267	11.212	211.397
	5. Kannur	28.502	110.524	0.000	139.026		10.935	0.11	0.171	45.028
	6. Edakkadu	173.088	157.630	2.218	332.936		50.853	0.456	16.805	312.92
	7. Thaliparamba	2102.725	589.991	0.000	2692.716	5.478	458.250	24.253	21.026	4831.742
	8. Payyannur	2599.185	1542.456	0.041	4141.682		397.349	9.116	6.764	4108.629
	9. Irikkur	1140.424	1728.988	18.412	2887.824	9.87	622.361	26.017	37.046	1171.387
	Municipalities	944.411	770.926	14.856	1730.193		276.939	2.675	25.199	498.333
	District Total	7843.141	5842.915	156.614	13842.670	15.348	2504.698	351.749	348.556	13515.682

Sl. No.	District	Rice				Canegur	Black Pepper	Cured Ginger	Cured Turmeric	Arecanut
		Autumn	Winter	Summer	Total					
1	2	3	4	5	6	7	8	9	10	11
14	KASARGOD									
	1. Kanhangad	1304.923	436.318	81.185	1822.426		404.333	32.766	24.393	6820.847
	2. Nileswar	1242.982	1356.153	31.470	2630.605		189.359	25.837	17.64	3609.947
	3. Kasargod	1172.908	426.616	13.837	1613.361	5.72	199.477	18.38	1.395	5555.485
	4. Manjeswar	1286.209	789.436	107.710	2183.355		296.421	0	0.051	11516.34
	Municipalities	671.227	335.435	3.872	1010.534		8.452	0.337	0.597	177.772
	District Total	5678.249	3343.958	238.074	9260.281	5.72	1098.042	77.32	44.076	27680.394

TABLE-4.1 Contd....

(Production in tonnes)

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
1	THIRUVANANTHAPURAM						
	1. Trivandrum Rural	0.898	26.400	639.127	2.723	2721.469	994.54
	2. Kazhakkuttam	1.906	228.240	1644.078	22.132	20989.998	1849.378
	3. Nemom	2.054	3864.380	3728.146	85.801	32627.175	1535.684
	4. Athiyannur	1.235	1954.960	2209.618	38.976	19918.541	1156.435
	5. Chirayinkeezh	1.266	185.700	2513.703	51.021	35248.807	1185.915
	6. Kilimanoor	3.697	304.320	4824.963	134.965	80959.133	1837.897
	7. Varkala	1.996	94.920	3624.261	96.280	34495.469	415.296
	8. Nedumangad	1.172	875.160	3410.093	105.108	13758.456	167.949
	9. Vellanad	1.373	1777.050	5963.125	190.075	30148.106	168.34
	10. Vamanapuram	2.781	1127.830	4070.975	351.201	52291.086	363.792
	11. Parassala	1.307	4872.400	3175.451	105.809	24892.137	1451.93
	12. Perumkadavila	2.103	1524.240	5562.385	61.963	60309.069	683.842
	Corporation & Municipalities	1.692	414.22	3539.06	66.478	15655.092	1063.938
	District Total	23.480	17249.820	44904.985	1312.532	424014.538	12874.936

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
2	KOLLAM						
	1. Ithikkara	1.647	189.530	1742.032	103.500	31209.833	1091.598
	2. Mukhathala	1.365	13.200	921.677	8.071	14165.708	645.082
	3. Anchalumood	0.696	28.920	369.839	3.613	3308.231	531.668
	4. Chittumala	1.756	23.640	1024.841	36.136	14947.381	995.215
	5. Chavara	0.882	25.300	690.899	17.325	16161.6	301.971
	6. Karunagappally	0.334	27.940	880.59	34.134	22306.625	305.465
	7. Ochira	0.160	7.480	232.396	27.569	9095.214	234.859
	8. Sasthamcottah	2.704	2302.690	3299.974	60.763	65819.438	541.331
	9. Chadayamangalam	3.219	1557.010	4402.997	211.175	71208.984	808.582
	10. Kottarakkara	1.619	1782.300	3166.948	74.979	36531.033	624.112
	11. Vettikkavala	2.374	3786.000	3516.032	175.715	74075.192	648.819
	12. Anchal	2.893	1770.340	3917.667	224.688	69657.174	406.903
	13. Pathanapuram	1.556	2101.680	2313.518	161.177	67925.478	219.058
	Municipalities	0.260	7.5	255.668	48.449	6682.789	217.098
	District Total	21.462	13623.530	26735.078	1187.294	503094.68	7571.761

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
3	PATHANAMTHITTA						
	1. Parakode	1.631	3451.500	1564.318	335.147	162396.833	815.286
	2. Pandalam	0.381	947.200	565.373	79.603	40003.127	92.163
	3. Kulanada	0.473	782.850	1393.183	58.819	7240.552	159.374
	4. Elanthur	0.728	1687.140	2138.791	59.285	9689.68	348.987
	5. Konni	1.316	1652.850	2458.656	127.566	15042.037	976.817
	6. Ranni	1.189	3965.010	3287.028	125.790	22390.987	876.03
	7. Koipram	1.455	1599.360	908.88	67.513	10315.462	1125
	8. Mallappally	1.102	1042.910	1429.596	116.473	10905.176	693.039
	9. Pulikeezh	0.631	935.400	267.568	17.042	4277.871	322.149
	Municipalities	0.662	795.31	477.787	26.949	11390.038	870.697
	District Total	9.567	16859.530	14491.18	1014.187	293651.763	6279.542

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
4	ALAPPUZHA						
	1. Thaikkattussery	0.120	2.310	266.801	2.638	96.307	134.762
	2. Pattanakkadu	0.275	5.500	894.714	12.612	166.779	282.152
	3. Kanjikkuzhi	0.243	24.100	976.126	5.542	307.287	460.947
	4. Aryad	0.096	2.800	360.994	16.325	725.367	258.602
	5. Ambalapuzha	0.338	0.960	358.012	5.476	254.764	524.609
	6. Chengannur	1.363	2523.650	1469.011	114.510	17137.275	568.47
	7. Mavelikkara	1.027	214.800	741.837	56.615	7788.35	1237.303
	8. Bharanikavu	2.262	1061.060	1959.946	164.523	32361.299	790.212
	9. Harippad	0.726	121.330	811.37	38.117	5922.246	1642.095
	10. Muthukulam	0.248	14.560	403.756	24.811	4586.767	855.707
	11. Veliyanad	0.129	113.050	811.496	14.127	256.505	393.485
	12. Chembakulam	0.259	48.360	1908.809	4.406	236.331	907.849
	Municipalities	0.809	189.45	864.627	16.35	3638.595	799.737
	District Total	7.895	4321.930	11827.499	476.052	73477.872	8855.93

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
5	KOTTAYAM						
	1. Madappally	1.750	880.480	1467.157	544.531	19734.092	890.102
	2. Vazhoor	0.717	230.100	423.838	419.535	9712.294	328.104
	3. Ettumanoor	1.447	981.820	2780.16	85.857	12584.315	602.127
	4.Pallom	1.325	1716.490	5188.047	836.594	17543.385	778.897
	5. Pampady	1.517	1557.200	1445.503	739.167	17064.312	473.063
	6. Erattupettah	1.790	2134.650	2516.214	422.672	35380.561	555.598
	7. Lalam	1.132	1782.720	1487.006	419.855	19012.821	336.422
	8. Uzhavoor	1.501	9311.000	2021.902	1076.480	60174.459	544.223
	9. Kaduthuruthy	1.192	3818.880	1558.855	1088.243	13649.662	1741.656
	10. Vaikom	0.489	634.050	1000.981	5.384	1207.691	339.667
	11. Kanjirappally	1.415	3793.890	1915.211	1420.444	19558.774	966.236
	Municipalities	0.487	172.96	362.622	5.491	1318.507	186.421
	District Total	14.760	25696.010	22167.496	7064.253	226940.873	7742.516

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
6	IDUKKI						
	1. Adimali	3.372	6684.000	5514.146	198.984	18856.979	496.525
	2. Nedumkandam	6.211	1192.960	3545.464	24.600	17480.295	526.494
	3. Thodupuzha	0.803	651.680	716.194	1729.607	25110.923	394.076
	4. Elamdesam	1.531	1475.040	1270.519	4203.964	19885.231	638.422
	5. Kattappana	6.846	2791.800	3459.23	52.828	27754.185	905.331
	6. Azhutha	11.443	2157.120	6345.148	1135.825	60259.898	1690.126
	7. Idukki	3.256	3076.960	3093.815	474.441	30508.511	367.751
	8. Devikulam	3.769	645.820	1358.02	5.890	9088.729	194.175
	Municipality	0.219	830.960	148.196	398.128	4373.45	89.838
	District Total	37.451	19506.340	25450.732	8224.267	213318.201	5302.738

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
7	ERNAKULAM						
	1. Alangad	0.535	7996.680	4347.832	2.283	4116.653	685.256
	2. Angamali	2.391	12541.650	3832.672	161.506	20972.939	556.271
	3. Edappalli	0.078	4.620	122.026	2.559	32.029	11.852
	4. Koovappadi	2.318	6674.780	2112.812	1564.333	25090.413	602.39
	5. Kothamangalam	1.592	7414.720	1872.707	13006.859	44658.075	633.505
	6. Mulanthuruthy	0.518	469.200	880.638	583.570	2542.121	742.383
	7. Moovattupuzha	2.344	3723.840	2063.799	13581.002	31041.063	377.813
	8. Palluruthi	0.028	1.950	170.125	3.430	17.55	217.838
	9. Pampakkuda	1.888	3827.520	2000.023	18289.126	28611.045	451.606
	10. Parakadavu	0.896	9616.200	1629.898	89.172	7698.375	455.293
	11. Parur	0.305	560.960	409.627	8.622	1075.163	355.016
	12. Vazhakkulam	1.270	2200.440	1813.039	3727.935	16266.348	809.162
	13. Vadavukode	1.024	1627.680	1387.109	4462.226	13673.92	576.844
	14. Vypin	0.315	0.600	1012.133	2.829	45.355	365.283
	15. Vyttila	0.035	16.770	303.996	2.446	17.644	40.482
	Corporation & Municipalities	1.183	2109.74	1115.610	1975.624	32484.506	545.738
	District Total	16.720	58787.350	25074.046	57463.522	228343.199	7426.732

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
8	THRISSUR						
	1. Chavakkad	0.490	0.000	646.948	4.418	65.363	54.001
	2. Mullasserri	0.275	1.400	377.507	1.110	13.94	71.266
	3. Thalikulam	0.362	0.600	131.065	5.132	14.575	119.263
	4. Kodungallur	0.170	0.000	402.486	0.977	3	29.004
	5. Mathilakam	0.354	1.690	1067.96	7.458	21.2	84.147
	6. Chalakkudy	1.392	2573.400	869.616	53.477	9235.853	29.426
	7. Irinjalakuda	0.866	607.200	1688.551	12.256	414.75	266.066
	8. Kodakara	1.694	4741.280	962.583	31.255	2541	174.306
	9. Mala	2.193	890.400	2135.159	60.971	2847.906	384.055
	10. Vellangallur	1.231	516.160	1987.22	34.851	835.517	546.933
	11. Chowannur	3.146	1132.780	3121.639	8.282	641.319	299.437
	12. Pazhayannur	1.696	2178.720	2449.741	90.659	2581.655	234.239
	13. Vadakkancherry	3.384	3115.600	3409.429	19.888	2571.266	149.281
	14. Anthikkad	0.341	5.720	290.394	4.729	7.138	221.829
	15. Cherpu	0.503	277.800	494.672	2.331	139.925	96.447
	16. Ollukkara	0.702	2340.520	1003.592	8.407	3007.2	132.694
	17. Puzhakkal	0.800	752.400	1323.427	5.532	436.989	298.657
	Municipalities	0.458	318.98	914.613	10.239	2857.507	571.09
	District Total	20.056	19454.650	23276.602	361.972	28236.103	3762.141

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
9	PALAKKAD						
	1. Alathur	3.375	3880.240	3964.879	58.901	20650.521	864.256
	2. Attappady	2.974	35109.150	66602.728	178.946	12390.51	196.306
	3. Chittoor	0.500	3603.000	7082.643	0.000	9763.938	961.763
	4. Kollangode	0.632	88.340	368.906	0.412	462.731	245.724
	5. Kozhalmadam	1.117	528.450	615.685	2.283	5478.398	391.733
	6. Malampuzha	0.388	1975.520	2636.818	0.813	5385.208	330.946
	7. Mannarkkad	2.936	10982.920	3993.61	53.634	17188.3	172.144
	8. Nenmara	0.673	378.880	1585.479	4.949	1509.705	320.649
	9. Ottappalam	2.113	3987.490	649.204	13.315	581.543	104.351
	10. Palakkad Bkck	1.555	3148.210	2968.449	30.087	1417.201	281.905
	11. Pattambi	3.702	6301.490	1898.031	36.868	9190.722	239.288
	12. Sreekrishnapuram	2.426	7735.000	1565.216	102.667	5014.68	261.475
	13. Thrithala	1.972	1747.950	980.12	22.154	1044.332	295.568
	Municipalities	1.060	603.76	616.473	43.428	349.787	124.55
	District Total	25.423	80068.150	95528.241	548.457	90427.576	4790.658

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
10	MALAPPURAM						
	1. Malappuram	2.065	1652.550	540.775	24.814	9638.076	571.388
	2. Kondotty	1.988	4075.350	638.881	61.648	15078.629	807.257
	3. Arikkode	1.913	1955.400	1498.904	31.244	7240.14	1812.78
	4. Wandoor	2.298	11415.690	642.551	196.018	60398.171	1910.672
	5. Nilambur	1.910	2310.300	1421.676	50.963	13926.73	963.781
	6. Tirur	0.417	67.660	629.322	7.633	53.023	253.646
	7. Tanur	1.042	29.070	454.072	28.188	287.5	332.203
	8. Tirurangadi	0.920	3484.490	332.141	27.233	2592.499	779.257
	9. Vengara	1.371	1759.350	412.917	15.453	3066.446	699.769
	10. Kuttippuram	0.554	477.680	487.704	39.567	6252.211	586.211
	11. Perinthalmanna	2.490	8120.640	1189.189	40.372	34774.853	1036.074
	12. Mankada	2.782	7749.240	1523.729	53.288	48959.68	1338.697
	13. Ponnani	0.634	18.000	308.704	29.231	173.063	26.258
	14. Perumpadappu	0.567	6.630	236.486	8.019	282.576	192.634
	Municipalities	1.492	2468.19	923.172	73.194	22776.485	523.495
	District Total	22.441	45590.240	11240.223	686.865	225500.082	11834.122

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
11	KOZHIKODE						
	1. Kozhikode	1.010	67.920	273.637	8.368	729.128	623.029
	2. Chelannur	0.885	1266.240	1169.605	38.486	2496.428	648.819
	3. Kunnamangalam	3.071	2782.560	1583.039	110.009	6029.775	868.908
	4. Koduvally	2.756	616.700	1837.049	83.249	10417.022	1483.668
	5. Balussery	6.571	1614.760	2336.634	164.118	13708.45	905.108
	6. Perambra	1.828	2213.400	959.302	221.080	8337.21	286.84
	7. Melady	1.119	278.720	326.802	52.909	905.368	145.417
	8. Panthalayani	0.387	23.660	165.852	23.526	184.195	128.74
	9. Vadakara	0.297	233.550	178.515	20.054	994.027	219.698
	10. Thodannur	0.660	774.720	550.926	38.079	1937.031	416.032
	11. Thuneri	1.193	435.820	477.13	66.822	972.181	352.305
	12. Kunnummel	1.987	598.880	526.369	103.109	3868.495	518.828
	Corporation & Municipalities	1.080	194.66	782.068	27.674	591.39	418.288
	District Total	22.842	11101.590	11166.928	957.483	51170.7	7015.68
12	WAYANAD						
	1. Vaithiri	3.798	19502.600	1543.332	42.819	15821.325	543.827
	2. Mananthavady	4.456	34108.050	2414.444	34.865	23326.244	689.357
	3. Sulthan Battery	14.412	17914.960	3456.865	38.321	41313.28	1935.413
	Municipality	0.173	100.920	71.879	1.670	157.5	71.63
	District Total	22.839	71626.53	7486.52	117.675	80618.349	3240.227

Sl. No	Block	Jack (Millio Nos.)	Banana	Other Plantain	Pineapple	Tapioca	Pappaya
1	2	12	13	14	15	16	17
13	KANNUR						
	1. Koothuparambu	2.955	6296.290	1506.831	107.382	12356.447	460.175
	2. Peravoor	1.213	2943.200	530.836	99.061	14122.787	589.618
	3. Iritty	2.779	2862.440	1377.7	184.871	8557.521	829.304
	4. Thalassery	1.084	1336.500	739.227	33.792	1404.535	517.275
	5. Kannur	1.427	0.000	177.201	2.369	35.625	452.02
	6. Edakkadu	1.906	628.320	343.284	19.294	9630.645	839.694
	7. Thaliparamba	3.804	788.960	1867.748	179.007	10365.256	3197.184
	8. Payyannur	7.536	423.200	1358.102	74.133	3752.434	4507.63
	9. Irikkur	4.274	2199.200	1393.74	264.647	12570.225	3822.886
	Municipalities	2.150	1162.28	748.590	142.215	4944.538	2700.8
	District Total	29.127	18640.390	10043.259	1106.771	77740.013	17916.586
14	KASARGOD						
	1. Kanhangad	1.959	2379.860	3100.482	35.274	3378.76	1363.853
	2. Nilswar	1.795	960.000	1525.898	111.663	4480.54	1141.156
	3. Kasargod	0.949	256.800	1907.771	74.555	797.445	818.531
	4. Manjeswar	0.896	24.000	2358.793	28.538	44.091	753.088
	Municipalities	0.140	94.25	261.169	5.724	147.938	314.149
	District Total	5.738	3714.910	9154.113	255.754	8848.774	4390.777

TABLE-4.1 Contd....

BLOCKWISE PRODUCTION UNDER CROPS 2009-10

(production in tonnes)

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
1	THIRUVANANTHAPURAM							
	1. Trivandrum Rural	55.576		21.855	0.877	0.12	2.139	4.9
	2. Kazhakkuttam	358.573		81.646	3.194	0.801	31.037	16.2
	3. Nemom	234.152		57.758	3.232	0.584	17.55	50.4
	4. Athiyannur	203.946		43.725	1.614	0.489	4.543	29.44
	5. Chirayinkeezh	191.047		44.535	1.815	1.3	33.345	30.21
	6. Kilimanoor	382.796		66.694	0.526	0.365	138.923	91.29
	7. Varkala	52.624		59.680	0.36	0	92.498	4.59
	8. Nedumangad	38.22		23.768	0.982	1.485	12.109	215.14
	9. Vellanad	34.778		26.043	2.998	5.358	13.604	66.5
	10. Vamanapuram	57.121		26.092	3.478	5.521	14.802	228.8
	11. Parassala	411.965		44.758	4.583	0.878	9.267	47.52
	12. Perumkadavila	138.543		41.885	11.54	6.536	11.158	49
	Corporation & Municipalities	133.022		52.293	4.467	1.819	22.046	44.99
	District Total	2292.363		590.732	39.666	25.256	403.021	878.98

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
2	KOLLAM							
	1. Ithikkara	226.805		66.322	1.347	0	226.287	25.2
	2. Mukhathala	152.126	0.605	30.474	0.851	0	85.759	12.15
	3. Anchalumood	78.5	1.24	21.482	3.685	0.248	49.673	0.8
	4. Chittumala	162.641		26.948	1.525	0	128.93	2.21
	5. Chavara	75.284	10.183	51.809	1.189	0.276	30.819	13.68
	6. Karunagappally	69.567	23.045	29.509	1.027	0	45.601	30.24
	7. Ochira	55.196	37.392	23.628	0.302	0	16.629	27.3
	8. Sasthamcottah	202.611	13.249	37.400	1.486	0	230.333	337.82
	9. Chadayamangalam	251.499		34.994	5.626	0.512	212.266	193.98
	10. Kottarakkara	95.071		28.112	1.536	0	64.921	209.23
	11. Vettikkavala	162.92		21.219	2.654	0	52.07	239.04
	12. Anchal	96.608		22.467	0.569	0	66.018	235.8
	13. Pathanapuram	51.044		10.961	0.293	0.671	55.97	412.28
	Municipalities	44.783		6.325	0.32	0	5.437	5.45
	District Total	1724.655	85.714	411.650	22.41	1.707	1270.713	1745.18

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
3	PATHANAMTHITTA							
	1. Parakode	87.646		24.395	10.642	2.919	124.354	264.84
	2. Pandalam	7.713		6.032	3.612	1.199	7.639	60.8
	3. Kulanada	11.705		3.922	5.455	5.162	17.21	34.56
	4. Elanthur	36.498		5.770	27.229	20.023	16.605	115.02
	5. Konni	26.301		12.533	14.507	14.013	21.767	69.12
	6. Ranni	53.673		10.655	23.901	50.526	27.363	0
	7. Koipram	50.423		16.623	88.596	72.06	15.948	4.3
	8. Mallappally	29.797		12.377	29.26	59.887	8.952	91.16
	9. Pulikeezh	28.925		11.109	8.821	10.023	8.177	0
	Municipalities	38.429		10.891	14.396	4.405	5.735	12.93
	District Total	371.11		114.308	226.419	240.217	253.75	652.73

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
4	ALAPPUZHA							
	1. Thaikkattussery	12.474		15.252	2.835	0.343	137.835	9.9
	2. Pattanakkadu	16.186		19.387	11.382	0.294	50.911	40.6
	3. Kanjikkuzhi	34.039		22.133	4.92	0.764	87.695	28.67
	4. Aryad	5.84	0.547	15.805	0.939	0.504	86.342	0.12
	5. Ambalapuzha	13.959		9.844	0.242	0.184	18.979	0
	6. Chengannur	52.619		23.652	36.862	14.951	63.26	865.92
	7. Mavelikkara	31.884	39.144	11.530	1.591	2.367	20.966	171.15
	8. Bharanikavu	101.191	4.33	18.444	0.395	0	46.319	779.48
	9. Harippad	26.232	5.006	27.557	0.967	1.078	122.754	1.54
	10. Muthukulam	14.432	0.689	31.017	0.26	0	105.609	0.96
	11. Veliyanad	5.118		18.947	0	11.248		0
	12. Chambakulam	31.425		21.803	4.126	14.313	14.423	0
	Municipalities	37.656	0.222	21.633	23.357	2.697	58.699	9.8
	District Total	383.055	49.938	257.002	87.876	48.743	813.792	1908.14

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
5	KOTTAYAM							
	1. Madappally	50.918		8.793	15.495	39.447	8.93	37.84
	2. Vazhoor	28.514		4.666	31.123	25.95	13.099	54.9
	3. Ettumanoor	60.715		11.878	47.187	6.049	4.351	22.55
	4.Pallom	77.12		14.176	101.811	17.21	8.28	73.6
	5. Pampady	35.15		7.771	43.054	28.749	8.384	72.42
	6. Erattupettah	22.56		8.888	132.337	77.114	24.551	0
	7. Lalam	20.59		9.836	98.531	70.579	11.846	0
	8. Uzhavoor	19.176		19.011	94.544	165.311	14.525	35.28
	9. Kaduthuruthy	52.066		17.801	212.711	32.735	7.375	24.05
	10. Vaikom	21.224		25.074	77.1	5.564	14.054	23.8
	11. Kanjirappally	52.352		9.985	47.202	131.042	10.633	0
	Municipalities	12.452		3.541	14.059	2.929	0.939	0
	District Total	452.837		141.421	915.154	602.679	126.967	344.44

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
6	IDUKKI							
	1. Adimali	95.826		15.438	736.966	775.421	208.527	
	2. Nedumkandam	81.753		11.671	50.613	132.872	50.605	
	3. Thodupuzha	10.473	0.562	8.414	70.411	81.129	12.216	
	4. Elamdesam	28.352	1.751	12.247	62.878	287.187	16.661	
	5. Kattappana	139.794		9.368	39.592	451.969	36.656	
	6. Azhutha	141.381		7.794	186.044	256.126	77.575	
	7. Idukki	31.742		20.518	124.29	1499.204	78.054	
	8. Devikulam	8.598		2.786	19.56	125.997	14.476	
	Municipality	5.466		1.619	4.45	16.489	1.886	
	District Total	543.385	2.313	89.856	1294.804	3626.394	496.656	

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
7	ERNAKULAM							
	1. Alangad	41.026		12.182	168.869	1.055	7.289	0
	2. Angamali	40.366		26.937	947.602	15.221	51.569	0
	3. Edappalli	1.082		2.443	0.627	0		0
	4. Koovappadi	38.428		12.114	744.157	98.566	8.635	118.08
	5. Kothamangalam	59.288		22.391	350.771	278.007	18.68	19.62
	6. Mulanthuruthy	15.679		10.190	23.403	0.778	3.716	2.76
	7. Moovattupuzha	59.016		16.607	615.025	63.1	8.206	0
	8. Palluruthi	14.209		7.084	1.519	0.607	4.849	0
	9. Pampakkuda	47.488	2.3	15.177	227.767	203.13	13.853	25.8
	10. Parakadavu	77.076		18.618	601.539	6.804	47.644	4.29
	11. Parur	66.441		21.913	56.118	1.565	15.303	0
	12. Vazhakkulam	62.334		14.138	470.317	13.847	10.978	140.36
	13. Vadavukode	22.472		11.047	424.161	11.974	12.259	53.43
	14. Vypin	38.637		16.119	39.952	1.343	4.098	0
	15. Vyttila	7.516		5.870	0.459	0.101	2.579	0.3
	Corporation & Municipalities	73.347		21.835	200.688	35.855	8.804	0
	District Total	664.405	2.3	234.665	4872.974	731.955	218.462	364.64

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
8	THRISSUR							
	1. Chavakkad	67.508		42.137	4.451	0	41.598	0
	2. Mullasserri	27.318		17.542	6.869	0	29.568	2.8
	3. Thalikulam	35.365		39.557	9.604	0	41.159	0
	4. Kodungallur	5.532		12.097	8.034	0	6.613	0
	5. Mathilakam	16.201		22.219	14.681	0	12.174	0
	6. Chalakkudy	24.357	0.429	29.595	761.111	6.195	34.274	59.66
	7. Irinjalakuda	33.748		23.581	263.209	0.056	97.603	0
	8. Kodakara	134.48	6.61	49.690	427.22	0.552	62.152	16.25
	9. Mala	50.228		31.808	954.757	0.592	101.575	23.98
	10. Vellangallur	32.617		25.908	223.696	1.566	51.521	0
	11. Chowannur	80.205		33.498	2.075	0	41.394	4.32
	12. Pazhayannur	417.672	3.231	43.196	4.871	0	58.739	0
	13. Vadakkancherry	253.503	0.436	53.586	2.069	0.517	115.619	0
	14. Anthikkad	68.601		15.468	2.269	0.102	16.829	0
	15. Cherpu	45.535		15.645	20.962	0.989	26.02	1.26
	16. Ollukkara	166.977	0.126	38.674	59.469	0.651	137.053	15.68
	17. Puzhakkal	65.022		25.388	6.16	0.077	31.77	0
	Municipalities	83.193		18.164	320.189	0.082	27.125	108
	District Total	1608.062	10.832	537.751	3091.696	11.378	932.786	231.95

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
9	PALAKKAD							
	1. Alathur	736.928	0.15	43.377	44.239	3.107	100.011	0
	2. Attappady	89.676		54.411	11.051	42.315	302.585	0
	3. Chittoor	536.929	0.578	47.592	13.343	20.413	16.154	0
	4. Kollangode	238.225		17.900	0.478	0.809	11.351	0
	5. Kozhalmandam	360.48		14.480	0.774	1.342	62.536	0
	6. Malampuzha	389.365		23.465	0.38	3.818	13.524	0.55
	7. Mannarkkad	140.258		56.624	29.086	32.239	67.994	65.1
	8. Nenmara	227.156		19.528	3.73	0	25.831	0
	9. Ottappalam	126.955	0.718	16.236	0	0.007	58.479	0.66
	10. Palakkad Bldk	210.851	0.428	13.940	0.234	0	37.371	0
	11. Pattambi	230.373		40.661	4.324	0	97.452	11.33
	12. Sreekrishnapuram	105.482	2.69	24.470	0.961	0	92.286	32.76
	13. Thrithala	126.161		28.188	4.338	0	98.527	33.88
	Municipalities	470.567	1.275	15.74	4.822	0.066	62.955	3.38
	District Total	3989.406	7.167	416.613	117.76	104.116	1047.056	147.66

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
10	MALAPPURAM							
	1. Malappuram	60.22	24.771	98.664	1.395	0	286.93	762.12
	2. Kondotty	43.542		80.342	3.485	0.92	166.3	118.95
	3. Arikkode	82.306		81.453	66.489	9.191	334.844	423.6
	4. Wandoor	136.281		92.474	53.235	98.447	302.407	29.4
	5. Nilambur	51.62		106.297	46.508	38.718	96.286	399.5
	6. Tirur	63.059	1.211	52.828	2.622	0	19.764	446.16
	7. Tanur	84.711	3.202	115.675	13.176	0	62.609	4469.58
	8. Tirurangadi	68.877	0.635	84.202	18.128	0	53.886	33.66
	9. Vengara	39.42	0.408	35.359	22.376	0	153.367	2256.8
	10. Kuttippuram	120.732	3.482	71.021	12.299	0	153.304	1723.26
	11. Perinthalmanna	144.215		55.091	1.956	0	127.833	3.9
	12. Mankada	188.621	12.408	78.872	2.598	0	163.76	3149.22
	13. Ponnani	35.46	1.218	23.373	0.522	0	44.494	7.36
	14. Perumpadappu	69.918	0.248	30.401	2.086	0	20.731	3
	Municipalities	54.804	0.384	57.214	2.073	0	285.498	124.83
	District Total	1243.786	47.967	1063.266	248.948	147.277	2272.013	13951.34

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
11	KOZHIKODE							
	1. Kozhikode	26.806		35.406	2.374	0.613	15.918	0
	2. Chelannur	15.032		58.487	2.798	0	9.457	0
	3. Kunnamangalam	55.929		85.844	25.786	70.005	120.697	19.8
	4. Koduvally	51.123		86.814	34.763	27.405	46.44	38.7
	5. Balussery	81.476		136.755	8.315	240.125	85.853	116.03
	6. Perambra	16.394		96.715	10.944	15.817	102.877	169.8
	7. Melady	6.347		70.236	1.056	0	19.361	113.42
	8. Panthalayani	1.812		28.591	0.808	0.107	19.271	105.45
	9. Vadakara	30.347		18.332	0.542	0	8.87	0
	10. Thodannur	37.839		38.676	1.231	0	44.047	0.3
	11. Thuneri	75.221		79.143	14.136	1.298	82.716	5.25
	12. Kunnummel	73.238		70.251	12.886	12.209	130.259	5.1
	Corporation & Municipalities	47.935		62.719	5.634	0.932	18.337	6.56
	District Total	519.499		867.969	121.273	368.511	704.103	580.41
12	WAYANAD							
	1. Vaithiri	15.576		11.303	3.753	15.823	7.836	87.84
	2. Mananthavady	22.077		12.190	3.498	5.565	431.709	12.87
	3. Sulthan Battery	96.842		21.794	3.5	45.549	54.851	15.6
	Municipality	1.887		0.958	0	0.349		0
	District Total	136.382		46.246	10.751	67.285	494.396	116.31

Sl. No	Block	Drumstick	Sesamum	Coconut (Million Nuts)	Nutmeg	Cocoa	Raw Cashew	Betel Leaves
1	2	18	19	20	21	22	23	24
13	KANNUR							
	1. Koothuparambu	52.898		74.111	1.662	0	3912.5	0
	2. Peravoor	52.112		24.830	9.939	9.03	2987.165	34.2
	3. Iritty	75.541		37.597	1.525	30.094	2903.763	38.08
	4. Thalassery	34.491		34.954	2.126	0	197.551	0
	5. Kannur	43.168		14.275	0	0	40.469	0
	6. Edakkadu	70.677		39.733	0	0	203.632	0.06
	7. Thaliparamba	179.589		79.282	98.468	76.665	3403.166	143.63
	8. Payyannur	457.343		92.701	58.805	44.498	2819.907	42.12
	9. Irikkur	219.144		42.032	10.757	39.87	3629.369	213.18
	Municipalities	180.538		39.687	0.021	0.485	1497.428	4.29
	District Total	1365.501		479.203	183.303	200.642	21594.95	475.56
14	KASARGOD							
	1. Kanhangad	226.768		105.452	10.14	2.209	2190.237	194.92
	2. Nileswar	159.224		108.927	2.297	1.225	656.788	64.53
	3. Kasargod	86.595		96.748	14.48	0	969.815	115.14
	4. Manjeswar	60.443		71.515	9.169	14.598	1337.231	61.79
	Municipalities	28.96		33.793	0	4.057	35.206	0
	District Total	561.99		416.434	36.086	22.089	5189.277	436.38

Table 5

ESTIMATED AREA AND PRODUCTION OF RICE (AUTUMN)-2009-10

(Area in Hectares & Production in Tonnes)

Sl. No.	District	High Yielding						Local						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	1325.12	3723.486	92.36	218.314	1417.48	3941.800					0	0	1417.48	3941.800
2	Kollam	198.51	472.883	673.43	1573.888	871.94	2046.771			5.66	13.04	5.66	13.04	877.60	2059.811
3	Pathanamthitta	97.26	226.435	49.87	127.77	147.13	354.205			38.25	111.955	38.25	111.955	185.38	466.160
4	Alappuzha	8221.29	27353.635	637.89	1239.019	8859.18	28592.654			269.31	319.041	269.31	319.041	9128.49	28911.695
5	Kottayam	3929.48	11459.841	9.15	23.248	3938.63	11483.089	0.68	0.422			0.68	0.422	3939.31	11483.511
6	Idukki	542.33	1398.81	46.34	110.821	588.67	1509.631					0	0	588.67	1509.631
7	Ernakulam	2789.92	5482.787	919.05	1913.588	3708.97	7396.375	0.71	0.773	380.02	406.102	380.73	406.875	4089.70	7803.250
8	Thrissur			3822.56	6806.941	3822.56	6806.941	69.	102.09	9.56	13.099	78.56	115.189	3901.12	6922.130
9	Palakkad	4821.8	13324.721	39117.12	97781.476	43938.92	111106.197	22.35	34.037	1238.6	1725.612	1260.95	1759.649	45199.87	112865.846
10	Malappuram			1140.44	2278.747	1140.44	2278.747	2.2	2.621	43.96	61.323	46.16	63.944	1186.60	2342.691
11	Kozhikode			127.57	187.106	127.57	187.106			45.36	33.77	45.36	33.77	172.93	220.876
12	Wayanad					0.	0.000					0	0	0.00	0.000
13	Kannur	6.5	12.252	3244.57	6379.363	3251.07	6391.615			845.93	1451.526	845.93	1451.526	4097.00	7843.141
14	Kasaragod	150.1	290.62	2066.23	4851.364	2216.33	5141.984	0.47	0.737	247.84	535.528	248.31	536.265	2464.64	5678.249
	State	22082.31	63745.47	51946.58	123491.645	74028.89	187237.115	95.41	140.68	3124.49	4670.996	3219.9	4811.676	77248.79	192048.791

Table 6

ESTIMATED AREA AND PRODUCTION OF RICE (WINTER)-2009-10

(Area in Hectares & Production in Tonnes)

Sl. No.	District	High Yielding						Local						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	1360.14	3282.46			1360.14	3282.46					0.	0.	1360.14	3282.46
2	Kollam	533.	1286.399	922.24	2250.339	1455.24	3536.738	424.64	964.113	591.33	1192.111	1015.97	2156.224	2471.21	5692.962
3	Pathanamthitta	576.41	1431.21			576.41	1431.21	26.65	58.465	0.11	0.283	26.76	58.748	603.17	1489.958
4	Alappuzha	6891.37	21621.702	389.34	807.049	7280.71	22428.751			212.25	242.83	212.25	242.83	7492.96	22671.581
5	Kottayam	3113.88	7579.228			3113.88	7579.228	16.6	37.19	7.69	17.511	24.29	54.701	3138.17	7633.929
6	Idukki	1158.49	3145.248			1158.49	3145.248	371.6	960.902			371.6	960.902	1530.09	4106.15
7	Ernakulam	5087.4	10564.644	0.67	1.831	5088.07	10566.475	32.83	55.808			32.83	55.808	5120.9	10622.283
8	Thrissur	10148.43	24481.079	1.23	2.172	10149.66	24483.251	2316.66	3992.543	82.92	127.049	2399.58	4119.592	12549.24	28602.843
9	Palakkad	43270.71	124945.545	1362.69	3480.89	44633.40	128426.435	3013.54	5689.465	1408.25	2421.865	4421.79	8111.33	49055.19	136537.765
10	Malappuram	3229.47	7900.185	663.88	1438.384	3893.35	9338.569	1989.07	3288.955	473.4	641.615	2462.47	3930.57	6355.82	13269.139
11	Kozhikode	189.28	397.095	213.93	297.767	403.21	694.862	44.62	60.81	2045.88	2094.554	2090.5	2155.364	2493.71	2850.226
12	Wayanad	7660.88	19959.215	614.33	1683.416	8275.21	21642.631	1469.21	2711.304	832.18	1983.981	2301.39	4695.285	10576.6	26337.916
13	Kannur	2333.27	4992.819			2333.27	4992.819	590.85	850.096			590.85	850.096	2924.12	5842.915
14	Kasaragod	858.47	1714.448			858.47	1714.448	955.87	1629.51			955.87	1629.51	1814.34	3343.958
	State	86411.2	233301.277	4168.31	9961.848	90579.51	243263.125	11252.14	20299.161	5654.01	8721.799	16906.15	29020.96	107485.66	272284.085

Table 7

ESTIMATED AREA AND PRODUCTION OF RICE (SUMMER)-2009-10

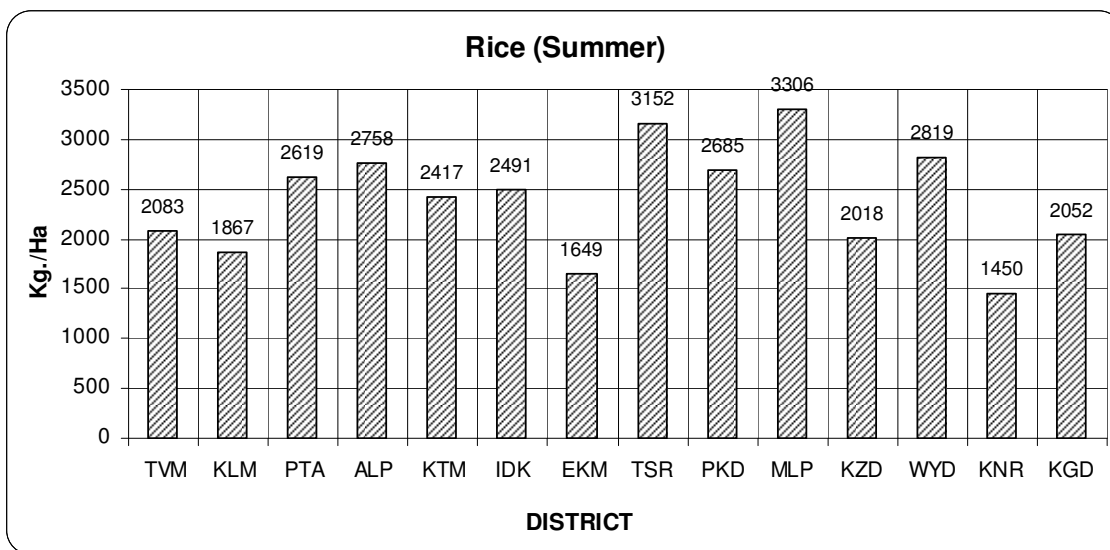
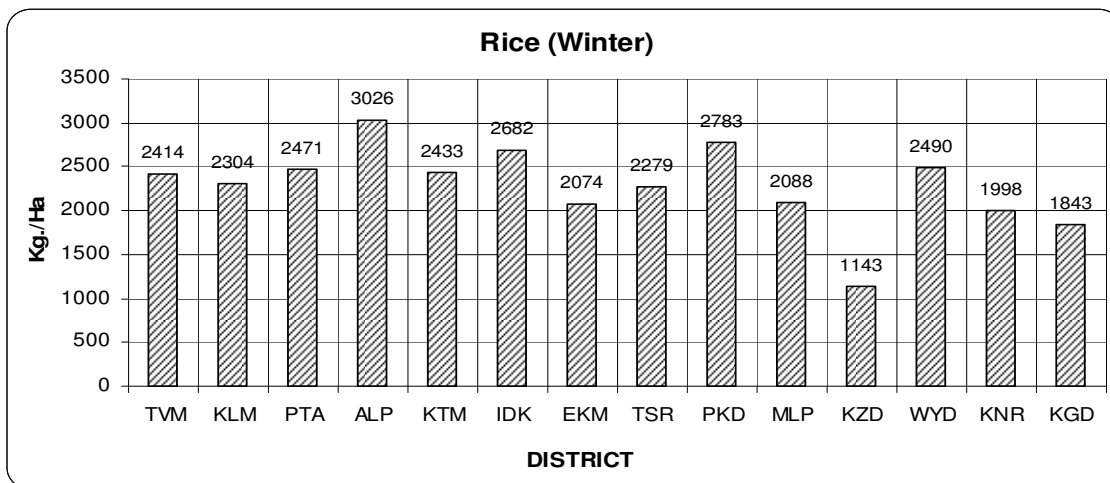
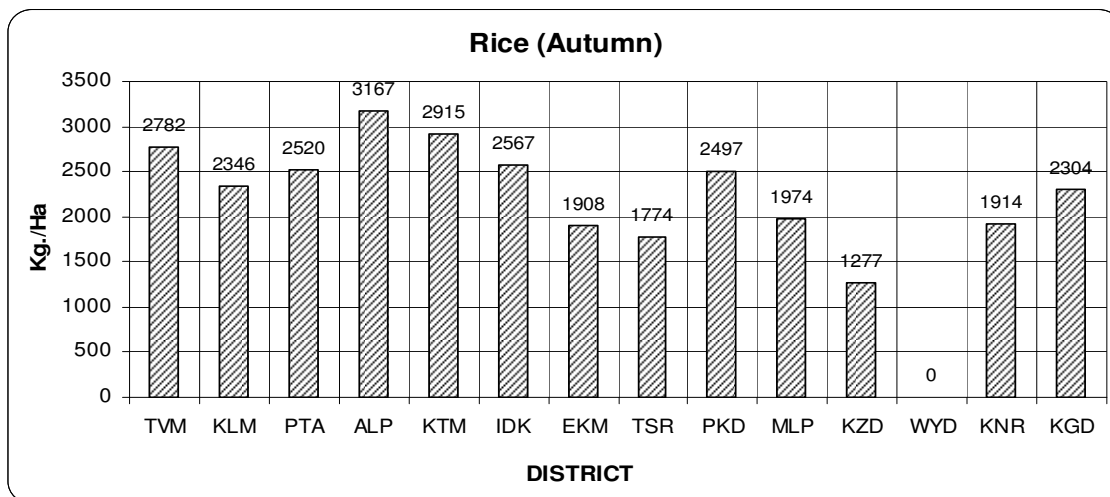
(Area in Hectares & Production in Tonnes)

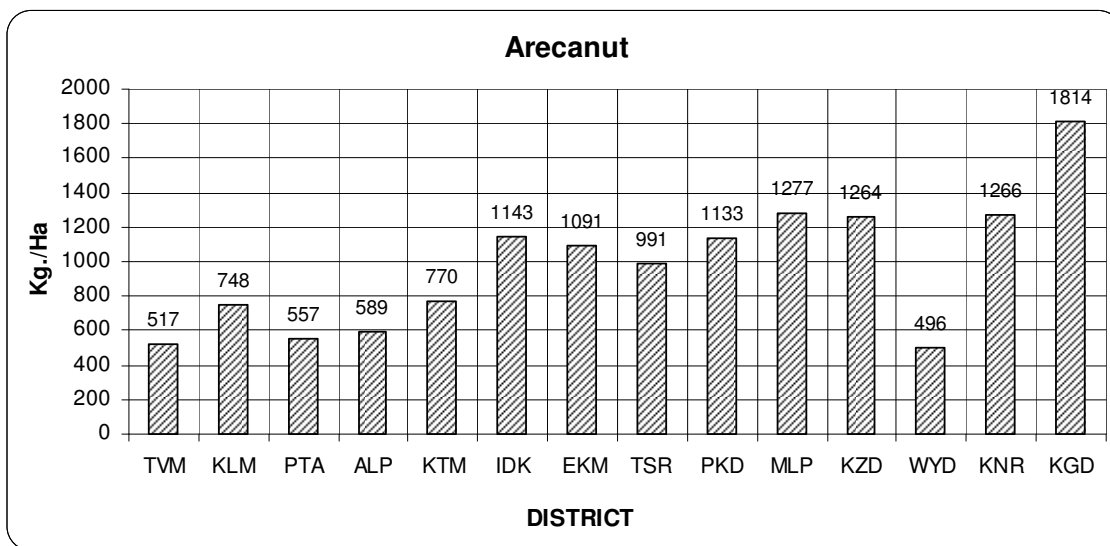
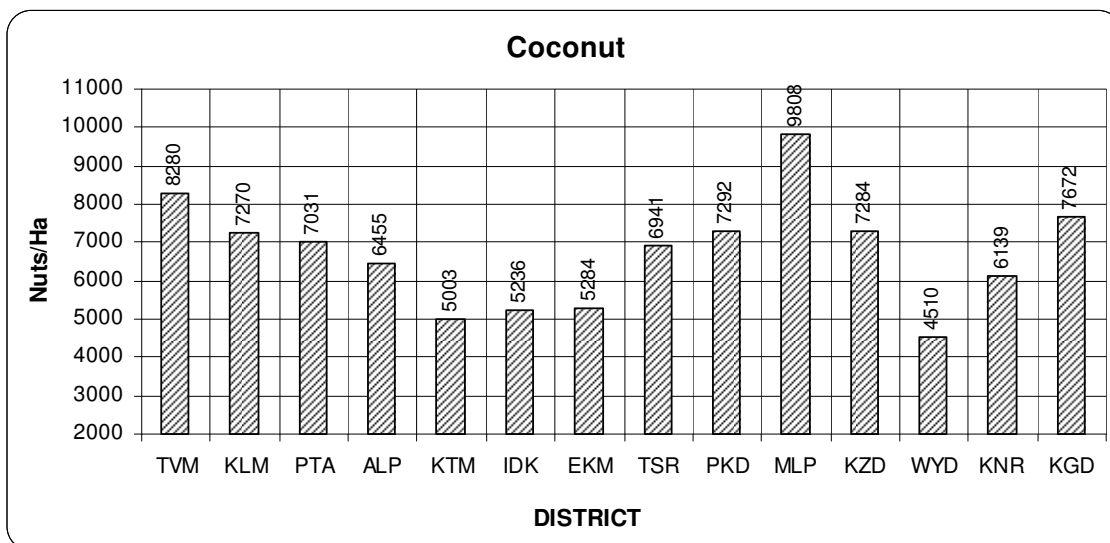
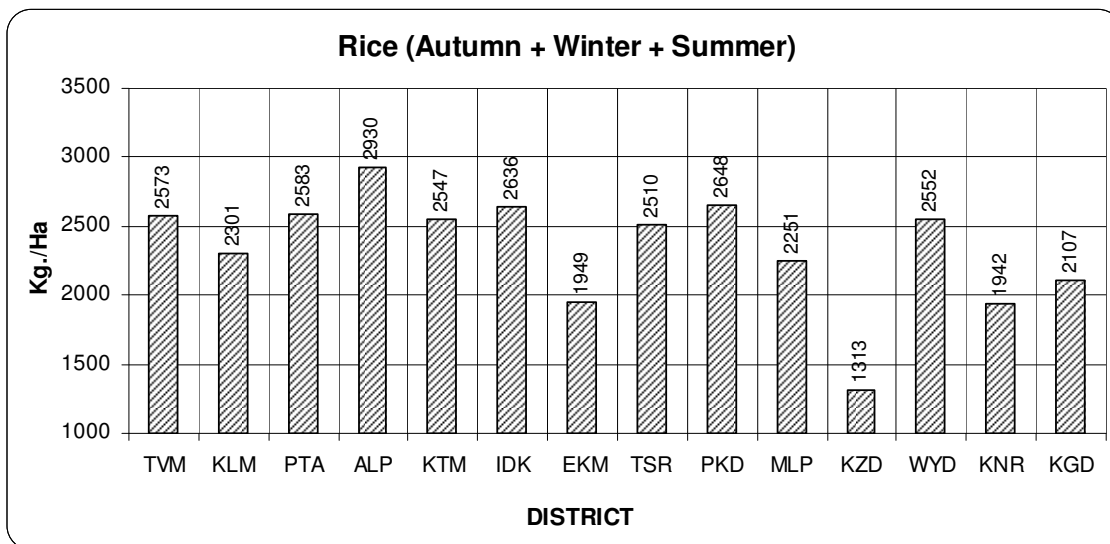
Sl. No.	District	High Yielding						Local						TOTAL	
		Irrigated		Unirrigated		TOTAL		Irrigated		Unirrigated		TOTAL			
		Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	162.78	339.586			162.78	339.586					0.	0.	162.78	339.586
2	Kollam	90.9	173.9			90.9	173.9	11.	18.19	1.94	2.069	12.94	20.259	103.84	194.159
3	Pathanamthitta	2208.4	5781.9			2208.4	5781.9					0.	0.	2208.4	5781.9
4	Alappuzha	16819.74	46392.202			16819.74	46392.202					0.	0.	16819.74	46392.202
5	Kottayam	8396.06	20294.706			8396.06	20294.706					0.	0.	8396.06	20294.706
6	Idukki	176.18	442.539			176.18	442.539	33.03	78.134			33.03	78.134	209.21	520.673
7	Ernakulam	1572.48	2593.987			1572.48	2593.987	3.1	5.316			3.1	5.316	1575.58	2599.303
8	Thrissur	8982.81	28323.955	0.59	0.516	8983.4	28324.471	5.27	4.695			5.27	4.695	8988.67	28329.166
9	Palakkad	6263.44	16822.613			6263.44	16822.613	2.47	3.95			2.47	3.95	6265.91	16826.563
10	Malappuram	1252.73	4201.072	2.41	4.851	1255.14	4205.923	39.63	75.323			39.63	75.323	1294.77	4281.246
11	Kozhikode	575.61	1186.319	0.17	0.301	575.78	1186.62	34.37	44.207			34.37	44.207	610.15	1230.827
12	Wayanad	2395.9	6749.66	22.27	67.597	2418.17	6817.257	1.29	2.043			1.29	2.043	2419.46	6819.3
13	Kannur	82.64	140.893			82.64	140.893	25.55	15.721			25.55	15.721	108.19	156.614
14	Kasaragod	91.36	200.957			91.36	200.957	24.92	37.117			24.92	37.117	116.28	238.074
	State	49071.03	133644.289	25.44	73.265	49096.47	133717.554	180.63	284.696	1.94	2.069	182.57	286.765	49279.04	134004.319

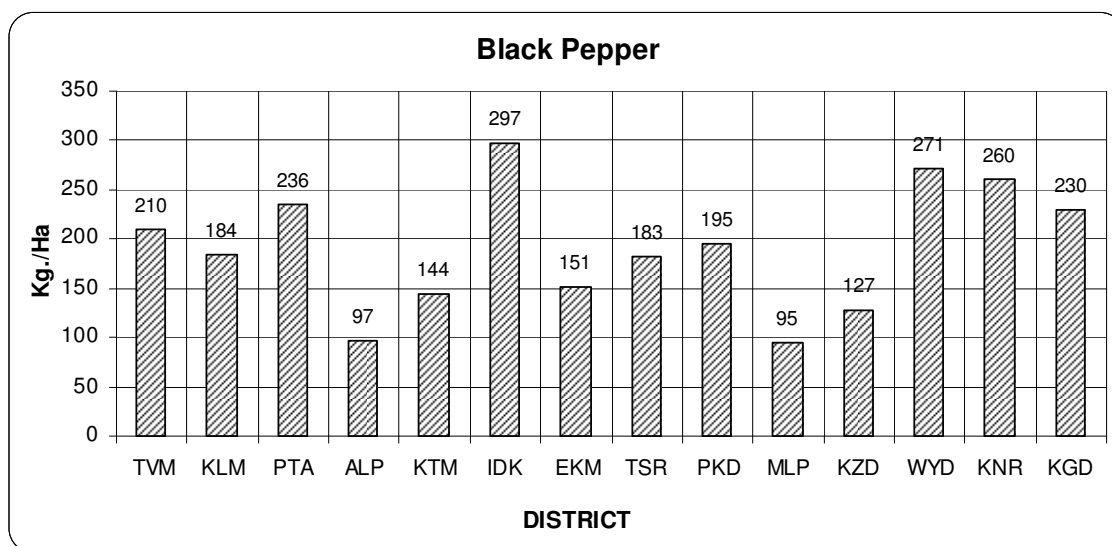
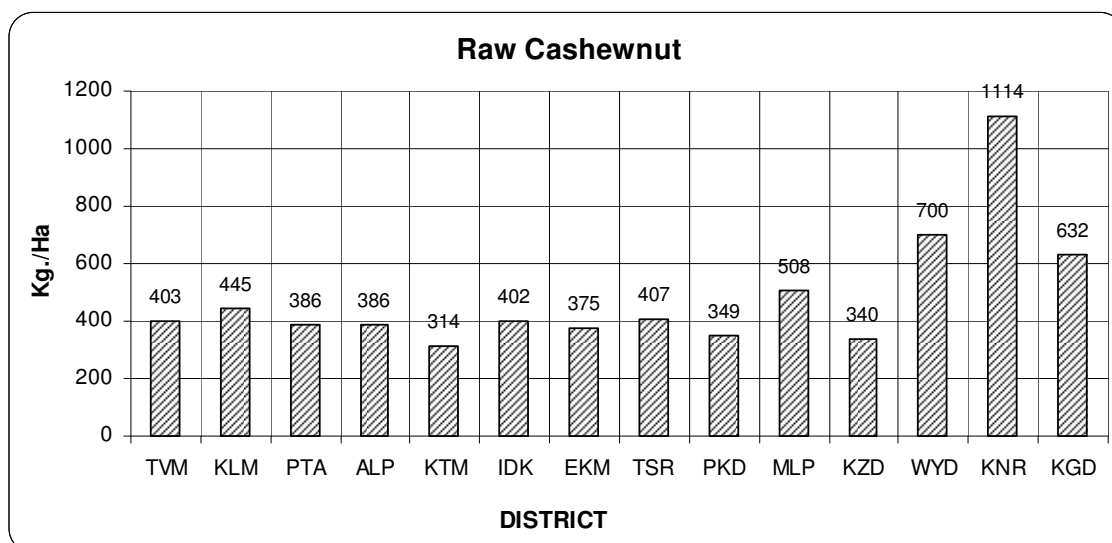
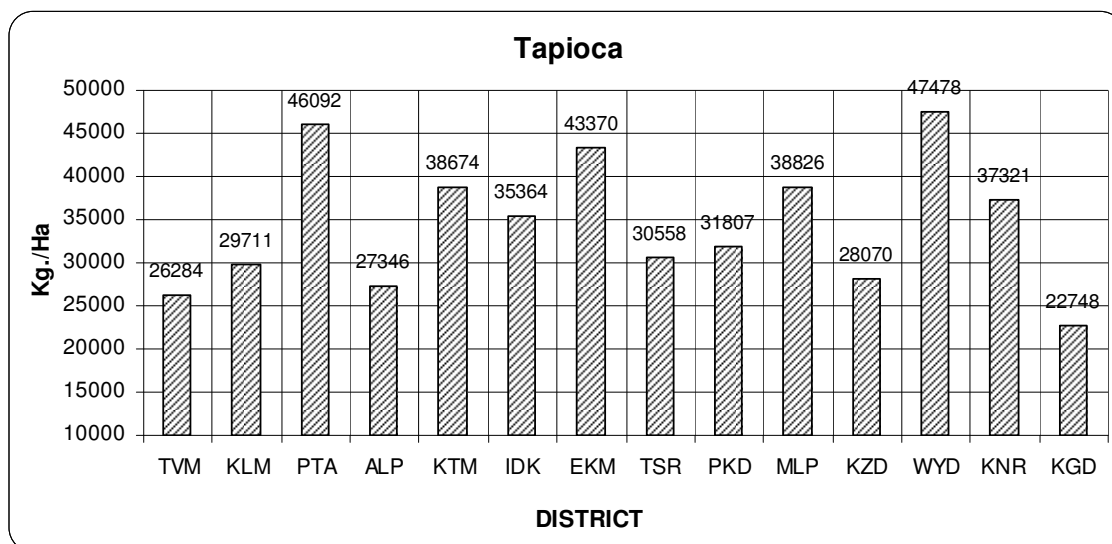
TABLE – 8
ESTIMATED PRODUCTIVITY OF CROPS 2009-10

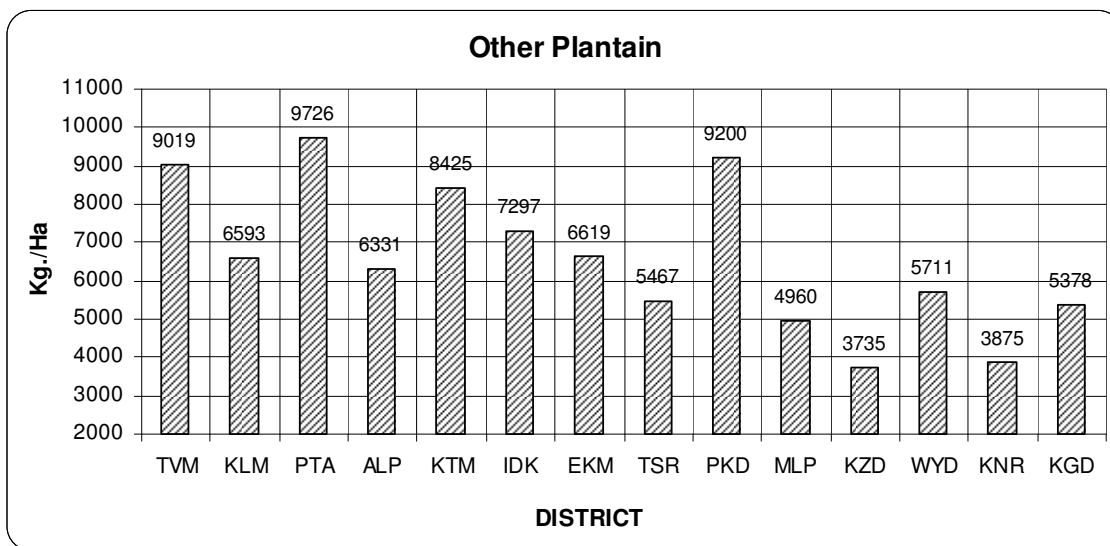
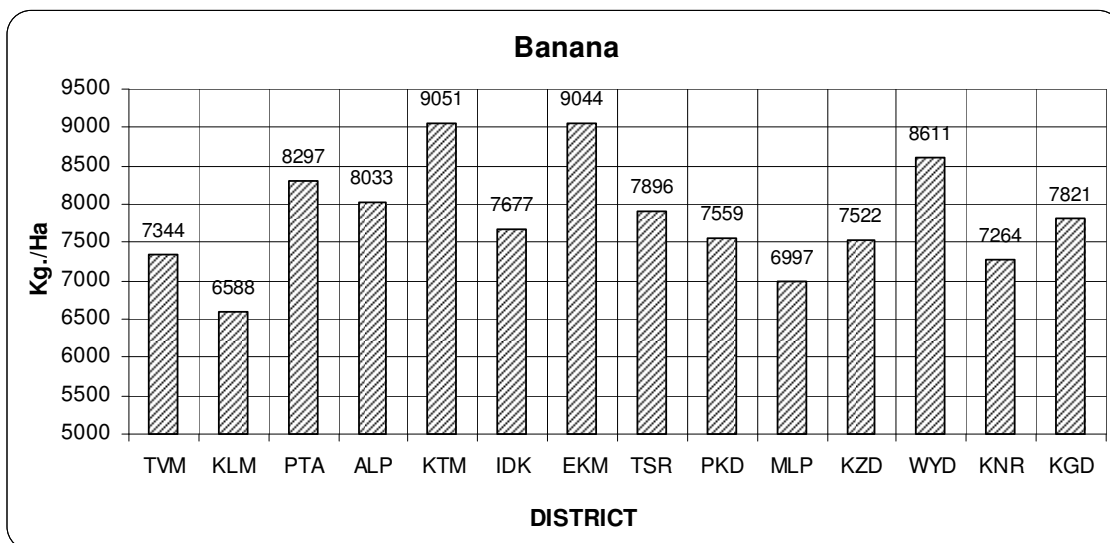
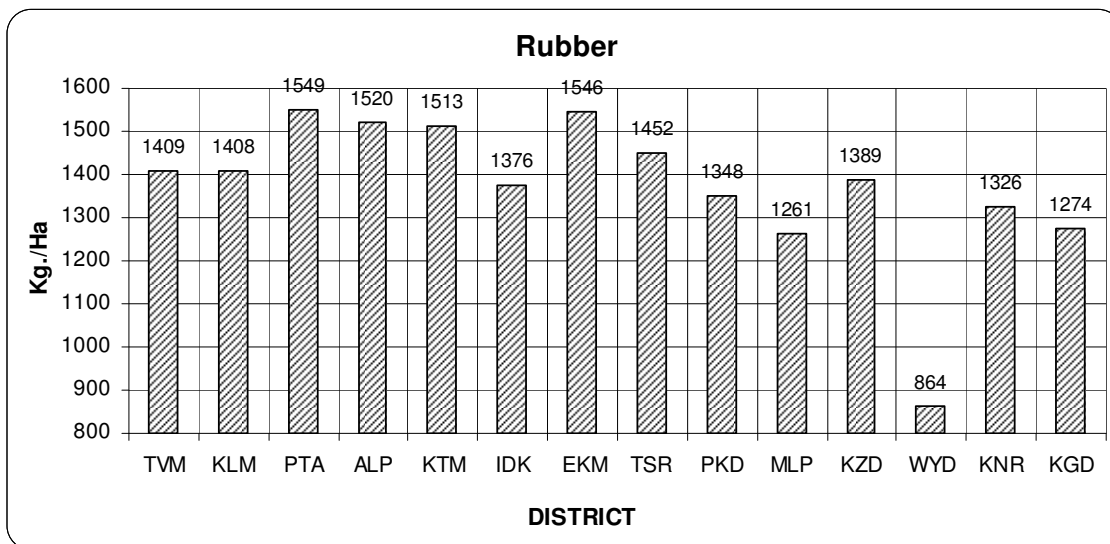
Sl. No.	District	Rice			Coconut (Nos/Ha)	Arecanut	Tapioca	Raw Cashewnuts	Black Pepper	Rubber	Banana	Plantain	Jack (Nos/Ha)	Cocoa	Sesamum	Kg/H
		Autumn	Winter	Summer												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	Thiruvananthapuram	2782	2414	2083	8280	517	26284	403	210	1409	7344	9019	4615	333		
2	Kollam	2346	2304	1867	7270	748	29711	445	184	1408	6588	6593	3480	200	647	
3	Pathanamthitta	2520	2471	2619	7031	557	46092	386	236	1549	8297	9726	4114	569		
4	Alappuzha	3167	3026	2758	6455	589	27346	386	97	1520	8033	6331	3695	598	210	
5	Kottayam	2915	2433	2417	5003	770	38674	314	144	1513	9051	8425	4519	613		
6	Idukki	2567	2682	2491	5236	1143	35364	402	297	1376	7677	7297	3435	493	400	
7	Eranakulam	1908	2074	1649	5284	1091	43370	375	151	1546	9044	6619	4508	536	133	
8	Thrissur	1774	2279	3152	6941	991	30558	407	183	1452	7896	5467	3972	224	333	
9	Palakkad	2497	2783	2685	7292	1133	31807	349	195	1348	7559	9200	4473	819	111	
10	Malappuram	1974	2088	3306	9808	1277	38826	508	95	1261	6997	4960	2812	677	414	
11	Kozhikode	1277	1143	2018	7284	1264	28070	340	127	1389	7522	3735	2508	543		
12	Wayanad		2490	2819	4510	496	47478	700	271	864	8611	5711	3074	364	0	
13	Kannur	1914	1998	1450	6139	1266	37321	1114	260	1326	7264	3875	3709	484		
14	Kasaragod	2304	1843	2052	7672	1814	22748	632	230	1274	7821	5378	3419	151		
	State	2486	2533	2719	7278	1177	33737	731	248	1419	7923	7082	3583	512	339	

DISTRICTWISE PRODUCTIVITY OF CROPS 2009-10









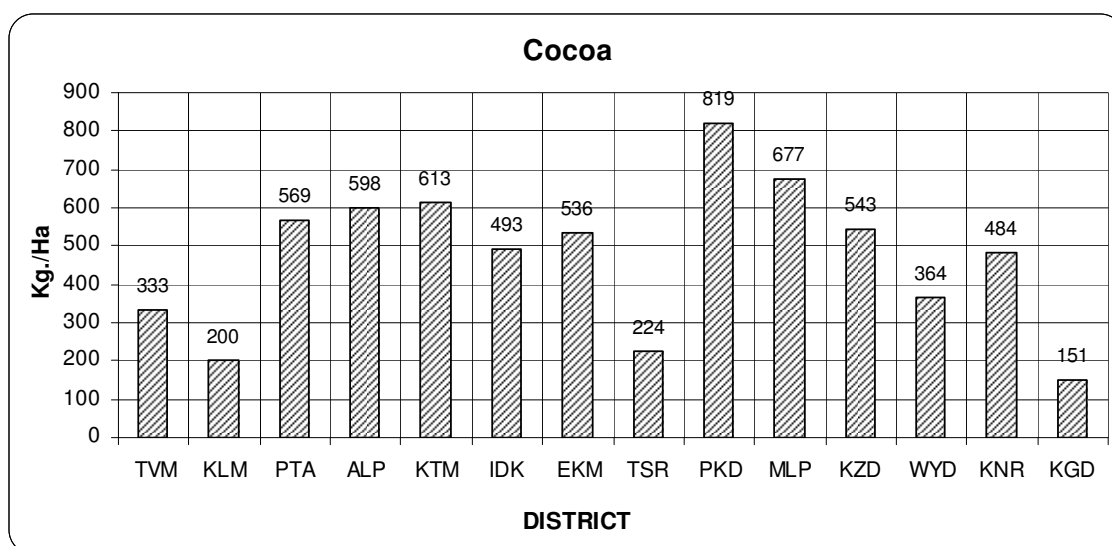
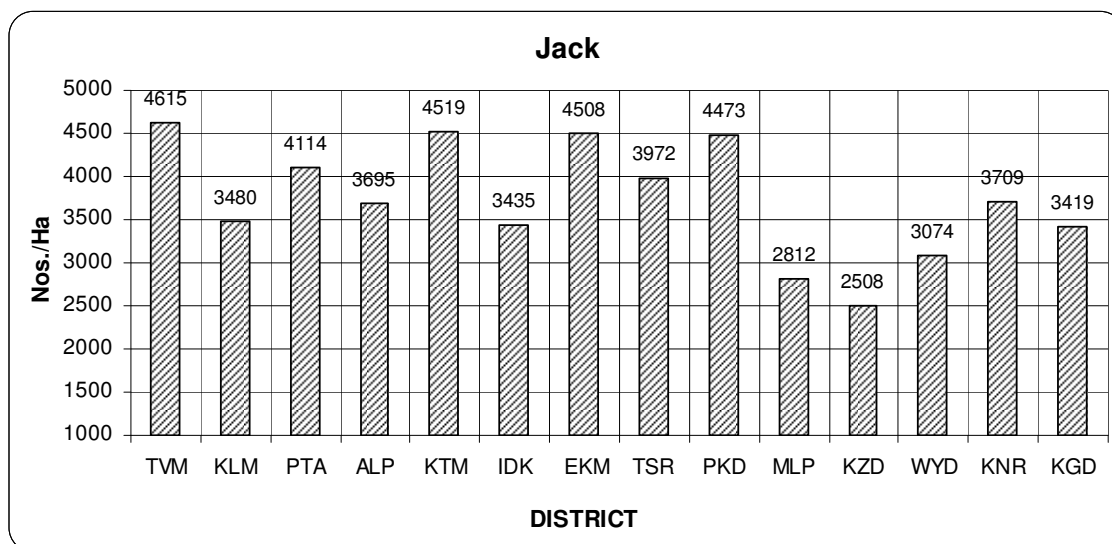


TABLE – 9
NET AREA IRRIGATED (SOURCE-WISE) 2009-10

Area in hectare

Sl. No.	District	Government Canal	Private Canal	Government tanks	Private tanks	Government wells	Private wells	Minor irrigation	Other sources	Tube wells	Total
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	3583	48	263	78	0	2278	0	290	18	6558
2	Kollam	1169	64	2	106	7	2097	8	569	1	4023
3	Pathanamthitta	2737	9	0	123	0	1981	36	1325	1	6212
4	Alappuzha	2003	8	0	2574	8	1022	337	22557	5473	33982
5	Kottayam	0	0	9	138	0	1239	183	13838	18	15425
6	Idukki	3905	409	5	9391	0	3949	18	10609	1006	29292
7	Eranakulam	11015	135	273	1694	92	6844	4078	2233	461	26825
8	Thrissur	18323	0	274	3779	28	35854	311	7773	694	67036
9	Palakkad	46513	261	683	5126	31	19595	617	11801	5008	89635
10	Malappuram	2656	469	14	4220	3	11744	783	4629	1002	25520
11	Kozhikode	1340	67	1	156	24	3141	3	650	65	5447
12	Wayanad	78	0	15	63	0	66	158	13528	0	13908
13	Kannur	696	1119	127	1669	35	14489	83	3635	416	22269
14	Kasaragod	795	67	54	10014	182	21183	179	3357	4299	40130
	State	94813	2656	1720	39131	410	125482	6794	96794	18462	386262

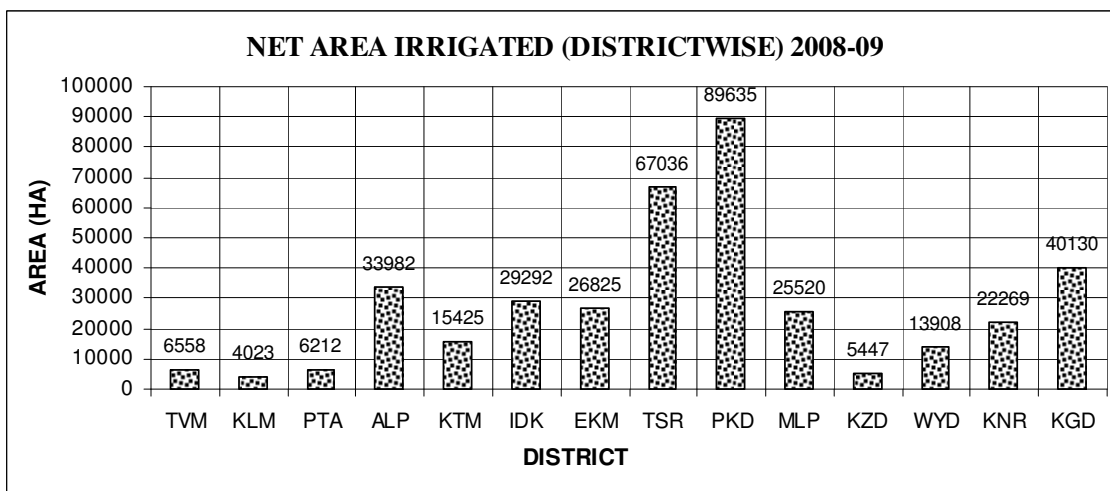
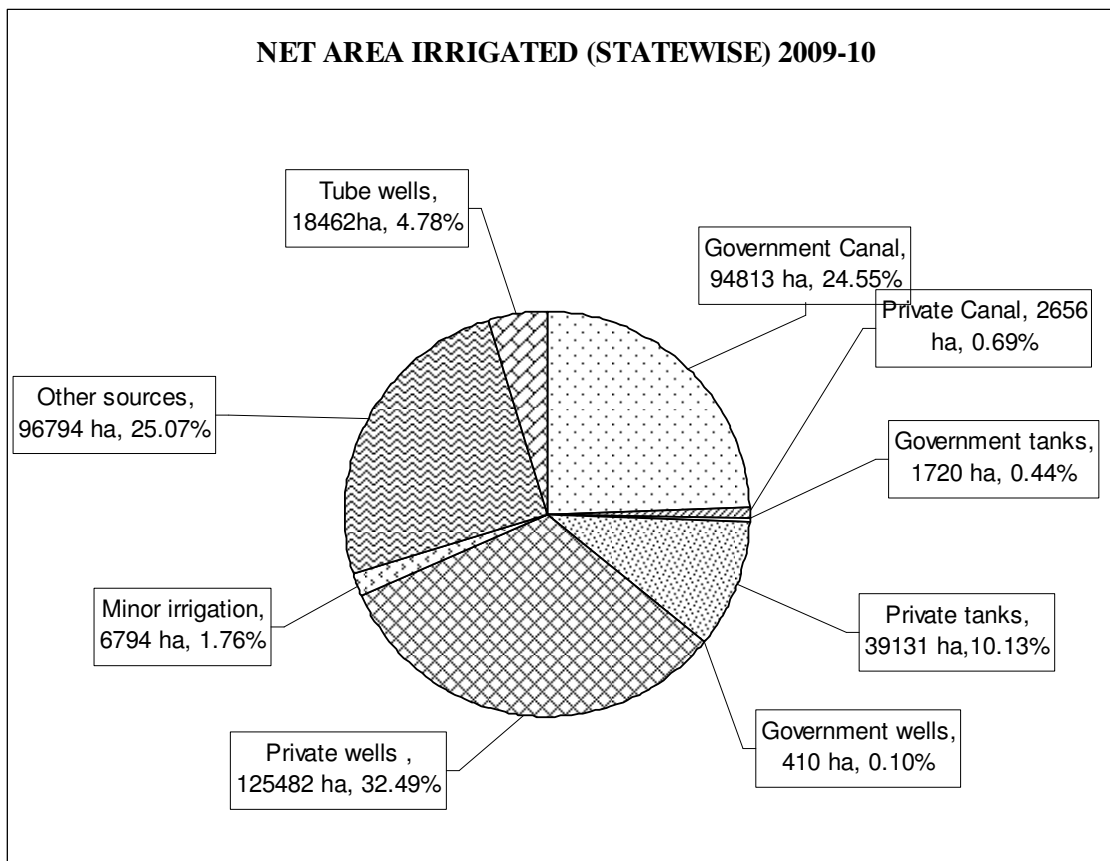


TABLE – 10

GROSS AREA UNDER IRRIGATION (CROP-WISE) 2009-10

Sl. No.	Districts	Area in Hectares											
		Paddy	Tubers	Vegetables	Coconut	Arecanut	Cloves	Nutmeg	Other spices & condiments	Banana	Betel leaves	Sugar cane	Other Crops
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	2867	2754	947	2126	9	0	1	0	2343	19	0	2084
2	Kollam	1300	4643	1155	829	25	3	15	8	1145	42	0	3
3	Pathanamthitta	2912	821	963	653	23	18	401	62	1214	38	0	58
4	Alappuzha	31898	821	1387	7802	25	0	60	296	495	42	65	710
5	Kottayam	15006	0	1191	150	14	170	1254	9	936	10	0	5
6	Idukki	2281	0	862	697	180	68	647	44	688	0	2200	89
7	Eranakulam	9481	63	1455	11880	1639	2	5825	138	4969	10	1	851
8	Thrissur	21507	291	825	40312	5638	14	4120	1650	2391	6	1	1412
9	Palakkad	57295	767	3754	26041	4963	0	56	1516	7195	1	629	5163
10	Malappuram	6549	2213	1523	14587	4868	1	316	155	4900	98	0	403
11	Kozhikode	855	195	716	2912	318	0	0	14	1360	2	0	61
12	Wayanad	11528	0	805	105	332	0	0	63	4880	0	1	44
13	Kannur	3005	329	988	14046	2742	0	35	411	2541	6	1	207
14	Kasaragod	2103	168	473	29773	13464	18	39	1610	475	12	1	1088
	State	168587	13065	17044	151913	34240	294	12769	5976	35532	286	2899	12178

TABLE-11**RAINFALL DISTRIBUTION OF KERALA FOR THE YEAR 2009-10**

Sl. No.	Districts	2009						2010						Rainfall in mm.		
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Actual	Normal	Departure %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Thiruvananthapuram	204.3	87.3	183.3	119.4	346.3	42.5	108.3	0	73.1	109.4	216.7	237	1727.8	1923.2	-10.2
2	Kollam	369.9	185.5	272.9	325.9	317	15.7	11.5	0	59.1	221.1	203.5	357	2339.1	2494.8	-6.2
3	Pathanamthitta	454	227.4	290.2	222.7	299.9	34.9	31	0.7	66.3	210	268.2	502.5	2607.8	2839.5	-8.2
4	Alappuzha	503.3	164	250.2	210.9	318.5	54.6	16.6	2.2	92.7	161.6	322	529.3	2625.9	2999.2	-12.4
5	Kottayam	553.2	225.6	281.1	188.6	278.7	86.4	9.6	1.4	96.7	201.5	354.1	664.7	2941.60	3207.9	-8.3
6	Idukki	983.2	335.8	546.2	296.1	236.1	107.2	12.5	0	41.3	160.4	182.9	786.5	3688.2	3769.2	-2.1
7	Eranakulam	834	312.2	497.7	176.6	290	70.1	9.8	0	30.5	233.8	239.9	849.9	3544.5	3577.8	-0.9
8	Thrissur	972	385.1	361.3	156.9	206.3	30	18.4	0	9.3	74.7	197.4	775.8	3187.2	3073.6	3.7
9	Palakkad	985	262.3	250.6	176.1	248.7	14.8	1.9	0	10.8	130.8	109.1	545.3	2735.4	2472.1	10.7
10	Malappuram	993.4	243.1	256.6	200.1	257.5	12.5	1.4	0	0.5	92.7	118.9	654.5	2831.2	2850.2	-0.7
11	Kozhikode	1817.4	301.1	338.6	321.3	335.1	22.7	7.1	0.3	0	143.3	249.9	1094.5	4631.3	3671.4	26.1
12	Wayanad	1255.7	185.4	240.3	183	203.6	77.6	37	14.1	13.1	131.3	124.4	378.2	43.70	3408.9	-16.6
13	Kannur	1456.5	299.5	320.4	200.3	306.8	48.7	19.1	0	9.4	65.3	137	843.9	3706.9	3373.5	9.9
14	Kasaragod	1238.2	446	330.9	76.7	294.2	9.8	7.3	0	0.1	35.2	78.5	1034	3550.9	3613.4	-1.7
	State (Average)*	927.2	270.3	329.5	210.1	274.3	45.7	18.4	1	31.9	139.4	188.7	668.2	3068.7	3097.1	0.2

Area weighted Average of district values
Source: - India Meteorological Department

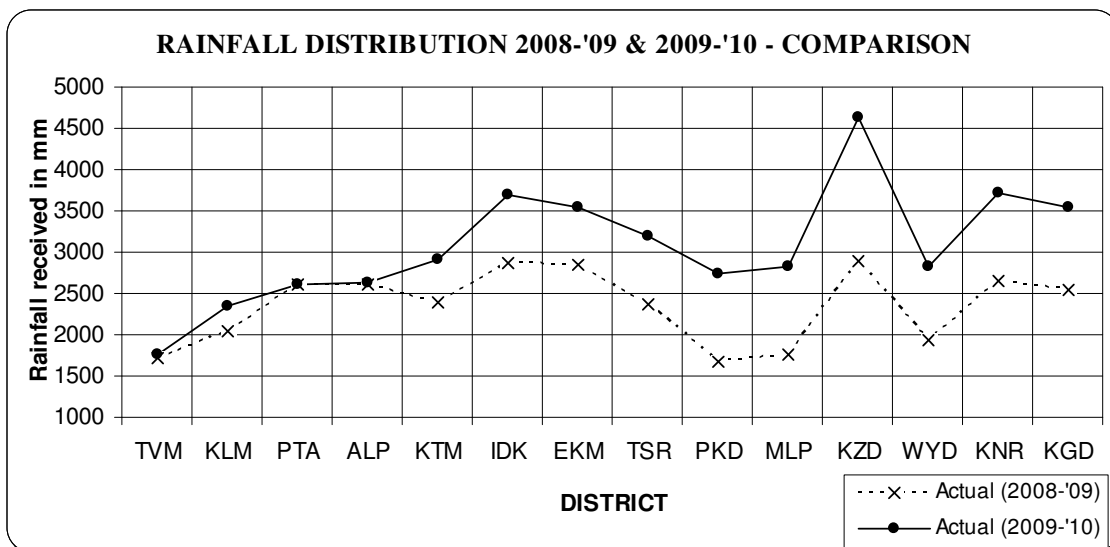
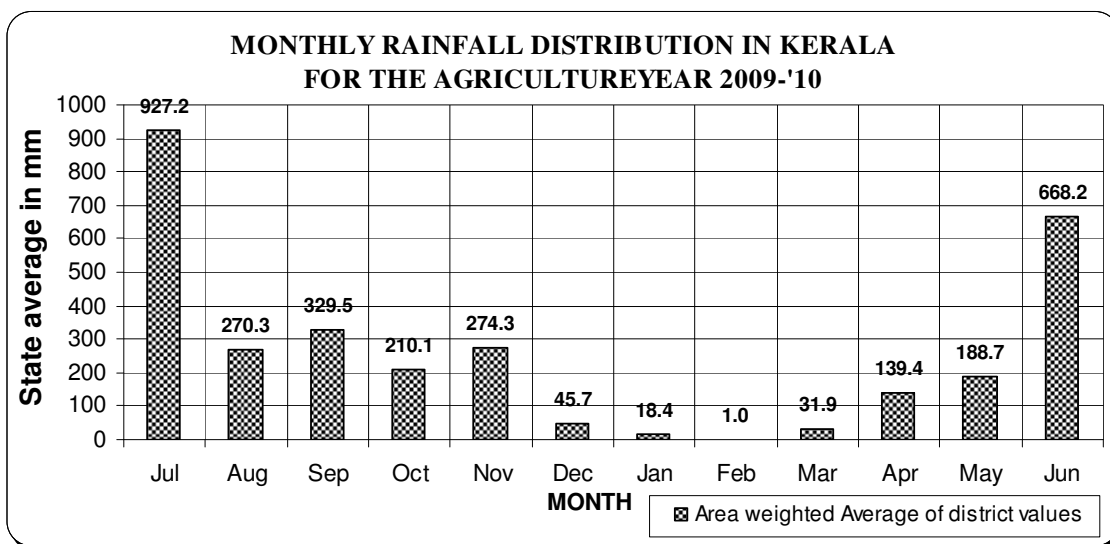
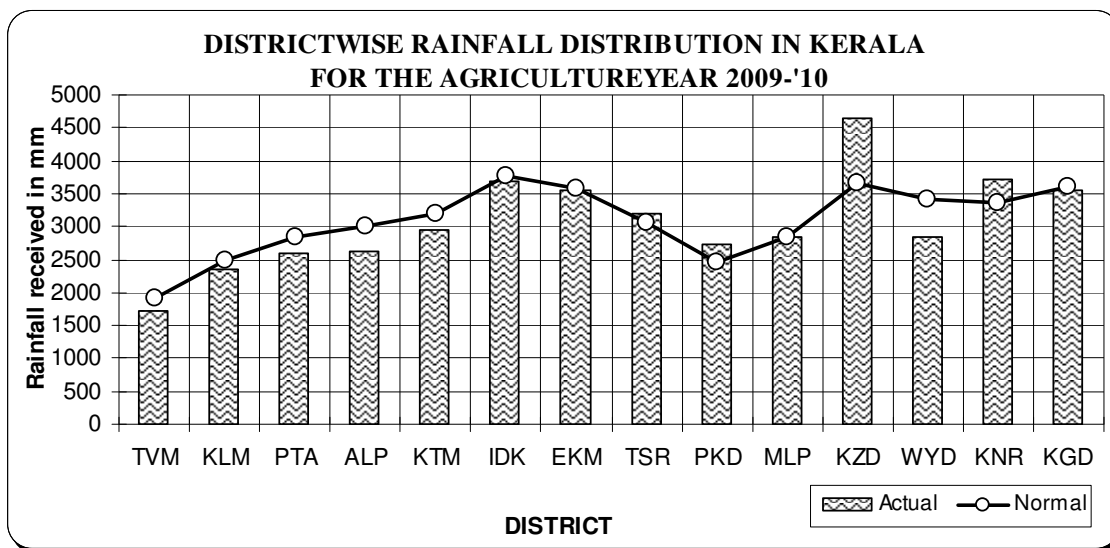


TABLE-12

AVERAGE FARM WHOLESALE PRICES OF IMPORTANT CROPS IN KERALA FOR THE YEAR 2009-10

In Rupees

Sl. No	Item	Unit	2009					
			Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9
1	Paddy local	Qtl.	934.04	943.13	939.22	959.85	1003.63	1010.95
2	Paddy H/Y	Qtl.	892.68	910.83	904.40	985.33	1021.67	1010.36
3	Pepper Dry	Qtl.	11825.00	13305.30	13434.09	13392.19	13845.00	13382.64
4	Ginger (Dry)	Qtl.	8750.00	8825.00	7966.67	8662.50	8475.00	8750.00
5	Ginger	Qtl.	4683.33	4917.31	3411.33	2205.77	2143.75	2252.78
6	Turmeric dry	Qtl.	4433.33	5000.00	6500.00	6500.00	6500.00	7800.00
7	Banana local	Qtl.	1874.12	2413.56	2087.29	2085.65	2218.22	1788.77
8	Plantain palayamthodan	Qtl.	903.60	1115.25	1100.85	990.00	981.04	921.63
9	Plantain Rasakadali	Qtl.	1866.00	2224.02	2131.73	1963.21	1958.17	1804.25
10	Plantain poovan	Qtl.	1879.76	2160.87	2224.07	2094.79	2076.14	2104.76
11	Cashew	Qtl.						4000.00
12	Tapioca	Qtl.	527.77	535.54	547.37	553.95	557.02	560.39
13	Coconut with Husk	100 nos.	429.45	435.19	419.85	419.26	426.11	463.56
14	Areca nut (Ripe)	100 nos.	47.68	43.58	42.84	39.76	37.12	35.40
15	sesamum	Kg.	38.00	38.00	65.00			
16	Cloves	Kg.	320.00	307.50	279.38	291.67	303.33	300.50
17	Nutmeg	Kg.	102.90	127.89	140.72	147.48	173.89	188.53

TABLE-12 (Contd...)

Sl. No	Item	Unit	2010					
			Jan	Feb	Mar	Apr	May	Jun
1	2	3	10	11	12	13	14	15
1	Paddy local	Qtl.	1013.80	1019.55	1021.60	1027.75	998.21	1017.50
2	Paddy H/Y	Qtl.	1006.29	1030.35	1043.39	1054.55	1049.78	1038.96
3	Pepper Dry	Qtl.	12789.67	12394.68	12865.31	14099.49	14905.98	15547.62
4	Ginger (Dry)	Qtl.	10630.00	9422.22	10020.83	11514.29	12900.00	14350.00
5	Ginger	Qtl.	2520.00	2648.53	3066.41	3587.50	4146.67	4788.33
6	Turmeric dry	Qtl.	7866.67	7885.42	8571.43	9846.43	10613.64	11850.00
7	Banana local	Qtl.	1848.28	1701.51	1669.49	1887.28	1923.15	1931.47
8	Plantain palayam thodan	Qtl.	930.88	921.88	883.33	875.93	925.91	993.43
9	Plantain Rasakadali	Qtl.	1769.34	1687.05	1556.71	1519.85	1626.82	1879.72
10	Plantain poovan	Qtl.	2065.91	1954.46	1854.46	1893.48	1998.08	2100.00
11	Cashew	Qtl.	4000.00	4400.78	4485.23	4001.52	3216.41	3000.00
12	Tapioca	Qtl.	564.27	584.41	622.28	655.37	662.46	682.37
13	Coconut with Husk	100 nos.	475.87	494.39	498.85	498.10	497.22	500.53
14	Arecanut (Ripe)	100 nos.	37.77	41.68	46.33	55.52	60.50	65.65
15	sesamum	Kg.					65.00	
16	Cloves	Kg.	292.14	280.63	279.69	285.71	287.86	285.83
17	Nutmeg	Kg.	212.45	205.70	216.50	202.67	193.44	178.79

TABLE - 13

COST OF CULTIVATION PER HECTARE OF SOME CROPS DURING THE YEAR 2007-08

Sl. No	Component of different crops	Cost per Hectare (Rs.)									
		Paddy			Coconut	Arecanut	Tapioca	Banana	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer							
1	2	3	4	5	6	7	8	9	10	11	12
1	Hired human labour	10265	12517	12252	12559	16230	20516	39258	12707	31393	18186
2	Animal labour	217	305	174	46	0	0	13	19	23	29
3	Machine labour	2534	3528	3403	347	665	412	705	62	754	107
4	Seed/Seedlings	1170	1161	1290	67	115	1282	9813	115	16353	8307
5	Farmyard manure & Chemical fertilizers	3028	2989	3467	6008	9184	6484	24184	4477	14497	8912
6	Plant protection	239	363	607	207	522	627	1964	151	997	115
7	Land tax & irrigation cess	42	139	159	78	338	211	141	95	50	63
8	Repair & Maintenance charges of implements, machinery & buildings	600	677	337	596	1411	517	1517	1184	378	1236
9	Interest on working capital	915	1113	1150	2054	2753	3264	9784	1822	6806	3673
10	Other expenses	841	1406	1801	1303	811	3320	21898	693	4042	1073
11	Interest on fixed capital	3014	2313	1536	4682	11106	5884	11609	13660	7487	9888
12	Imputed value of household labour	1159	1670	1825	2212	2993	6309	10447	4222	7370	11177
13	Total Cost	24024	28181	28001	30159	46128	48826	131333	39207	90150	62766
14	Value of output received (Rs./Ha)	23117	34817	28401	44438	45724	68906	214796	55422	150958	70350

TABLE – 13.1

COST OF CULTIVATION PER HECTARE OF SOME CROPS DURING THE YEAR 2008-09

Sl. No	Component of different crops	Cost per Hectare (Rs.)									
		Paddy			Coconut	Arecanut	Tapioca	Banana	Pepper	Ginger	Turmeric
		Autumn	Winter	Summer							
1	2	3	4	5	6	7	8	9	10	11	12
1	Hired human labour	13179	13883	13771	14647	17331	21770	58455	12858	31428	18654
2	Animal labour	311	248	168	70	0	63	0	0	14	0
3	Machine labour	3282	4397	4562	279	931	799	162	48	2336	102
4	Seed/Seedlings	1206	1441	1471	228	49	1557	9470	339	24440	8065
5	Farmyard manure & Chemical fertilizers	2840	3265	3182	6097	7891	6604	19173	5163	14475	7239
6	Plant protection	498	363	893	15	665	127	1395	163	835	62
7	Land tax & irrigation cess	205	365	362	91	59	101	165	57	50	216
8	Repair & Maintenance charges of implements, machinery & buildings	411	615	340	632	1438	908	1123	1980	1337	1297
9	Interest on working capital	1172	1329	1374	2243	2905	3402	7546	1973	7654	3627
10	Other expenses	2119	2977	3423	1091	2178	3905	15367	1163	4011	2147
11	Interest on fixed capital	2426	1443	923	5577	10773	5713	6031	12673	205722	9658
12	Imputed value of household labour	2213	1873	2183	2949	5029	6285	10806	5151	8633	10962
13	Total Cost	29862	32199	32652	33919	49249	51234	129693	41568	300935	62029
14	Value of output received (Rs./Ha)	38624	43300	40652	45157	56697	79984	206181	56234	186144	92117

TABLE-14**DISTRICTWISE GROSS VALUE OF OUTPUT (GVO) OF MAJOR AGRICULTURE CROPS FOR THE YEAR 2007-08****(Rupees in Lakhs)**

District	Paddy	Coconut	Rubber	Black Pepper	Tapioca	Cardamom	Banana	Other Plantain	Ginger	Mango	Cashew	Betel Leaves	Tea	Coffee	Arecanut	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Thiruvananthapuram	697	25155	39000	1792	19015	0	2007	3552	167	2208	157	2464	0	0	514	96728
Kollam	891	20582	49137	2534	28244	0	2112	2670	754	2488	662	4034	46	0	992	115146
Pathanamthitta	533	6126	66029	1562	14683	25	3370	1397	1784	1162	114	2304	0	0	463	99552
Alappuzha	8094	15135	5967	269	3619	0	671	1149	116	2546	369	4154	0	0	463	42552
Kottayam	3916	11144	148640	2099	9973	83	4584	2154	336	1683	93	1152	25	0	1138	187020
Idukki	851	4107	49104	30857	11870	26897	2627	2341	2222	3612	181	0	11615	4823	2363	153470
Ernakulam	2600	14877	78153	1287	8961	0	7332	2340	718	1834	123	1145	0	0	4555	123925
Thrissur	6679	24388	22608	1012	1995	0	2793	1314	106	3420	438	647	569	0	3818	69787
Palakkad	28604	15408	44971	1265	3063	925	11570	5127	4851	7568	425	97	543	1093	3124	128634
Malappuram	2352	30800	48038	1286	13386	8	6821	1215	100	2928	1645	9076	0	0	9872	127527
Kozhikode	599	31587	26201	1113	2594	5	2173	1147	220	2203	499	1316	0	0	7903	77560
Wayanad	3528	2475	7115	5363	4494	1270	9636	801	10449	1087	99	27	3940	18300	4211	72795
Kannur	1604	19875	52976	2390	2962	0	2022	1074	256	5322	8351	189	0	0	7260	104281
Kasaragode	1143	18375	33744	1938	714	0	1097	1042	254	1517	3587	566	0	0	39245	103222
STATE	62091	240034	671683	54767	125573	29213	58815	27323	22333	39578	16743	27171	16738	24216	85921	1502199

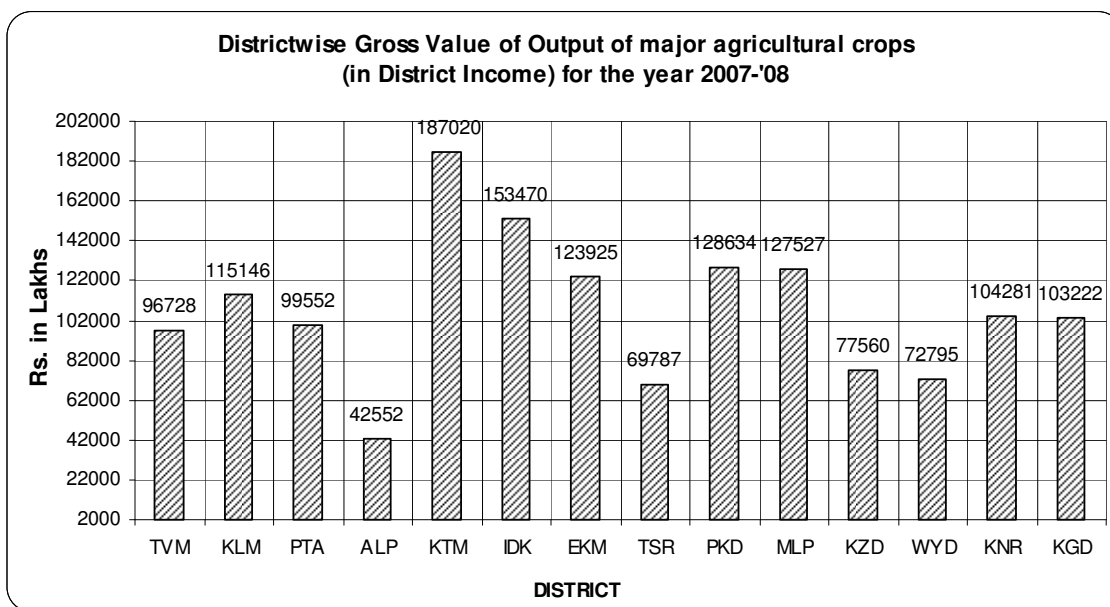
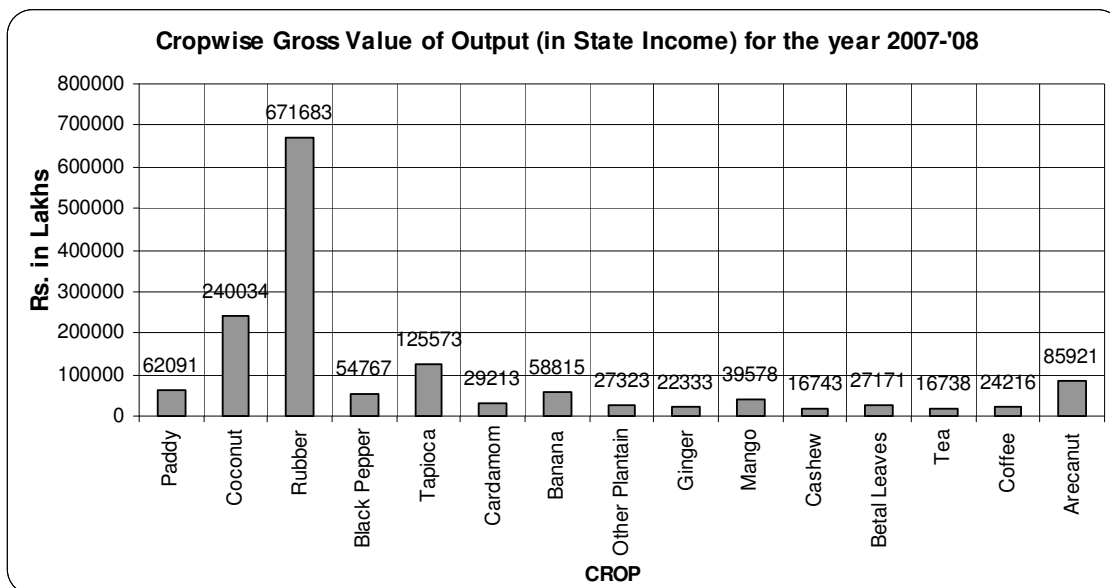
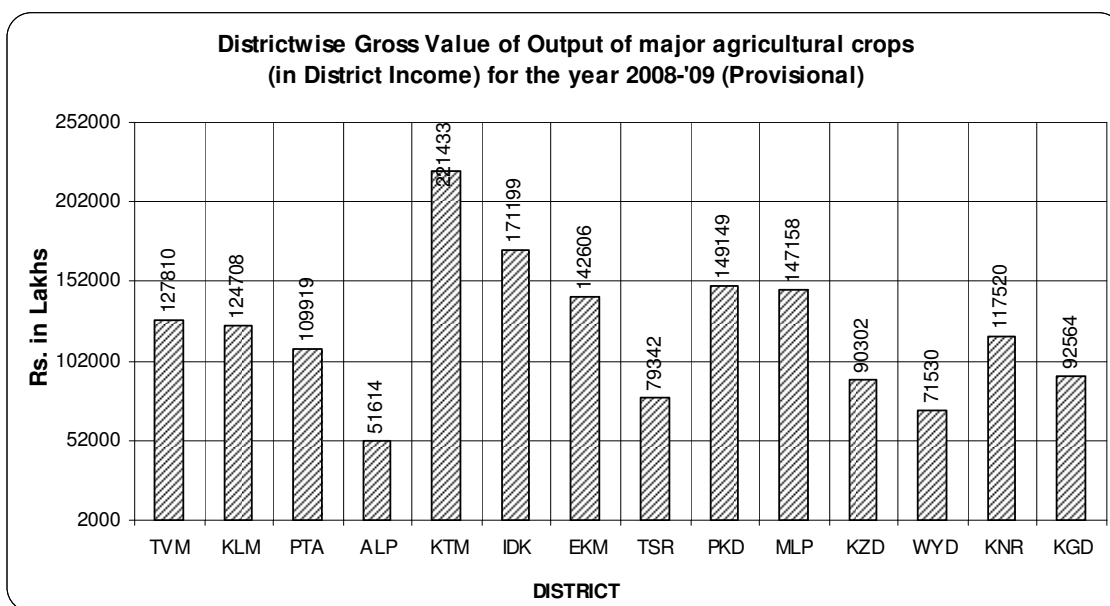
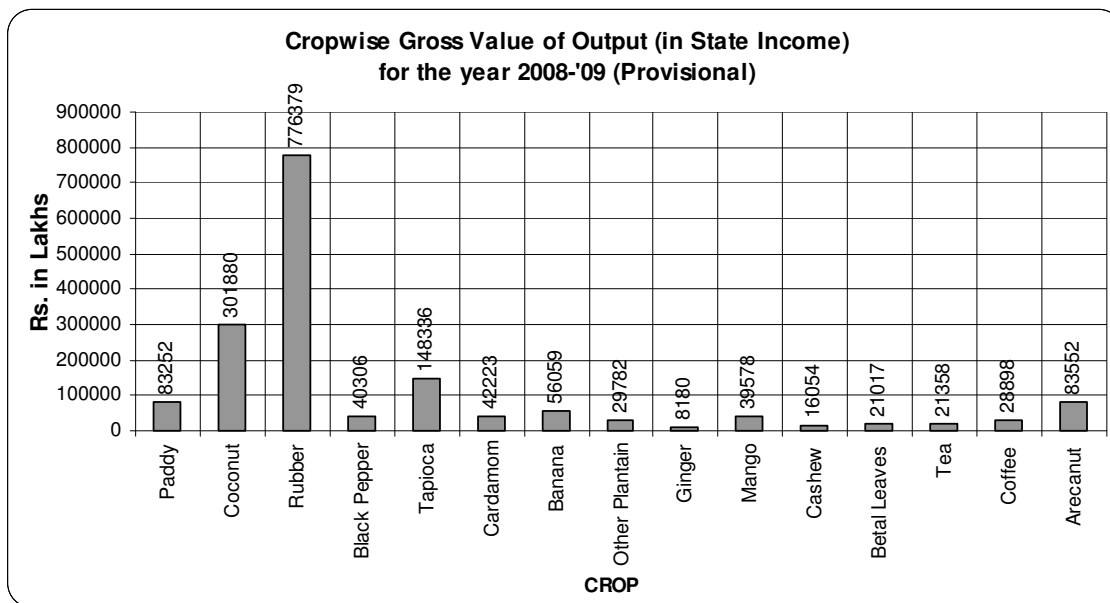


TABLE-14.1
DISTRICTWISE GROSS VALUE OF OUTPUT (GVO) OF MAJOR AGRICULTURE CROPS
FOR THE YEAR 2008-09 (PROVISIONAL)

(Rupees in Lakhs)

District	Paddy	Coconut	Rubber	Black Pepper	Tapioca	Cardamom	Banana	Other Plantain	Ginger	Mango	Cashew	Betel Leaves	Tea	Coffee	Arecanut	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Thiruvananthapuram	1163	33780	52909	1280	27294	0	2904	3658	116	2309	138	1734	0	0	525	127810
Kollam	1220	29105	53113	1977	27252	0	1959	2311	338	1945	348	3661	48	0	1431	124708
Pathanamthitta	1043	7370	79799	1178	13938	57	2441	1183	148	1459	85	770	0	0	448	109919
Alappuzha	15868	17325	5944	149	5515	0	614	896	85	2359	196	1992	0	0	671	51614
Kottayam	4923	12862	176127	1599	14741	66	4263	2425	177	2309	47	699	14	0	1181	221433
Idukki	796	5364	58899	19734	16287	38665	2967	1735	641	3155	242	0	14586	5875	2253	171199
Ernakulam	3529	14915	94204	1100	11545	0	8496	1749	223	1569	77	1127	0	0	4072	142606
Thrissur	9927	27453	22826	976	1902	0	3355	1374	41	3289	350	918	776	0	6155	79342
Palakkad	33189	22185	49019	1038	3471	1578	12360	9774	1037	7631	612	56	907	736	5556	149149
Malappuram	3049	45315	52930	706	14147	5	5839	1276	32	2446	1115	8688	0	0	11610	147158
Kozhikode	798	41498	29092	966	2799	6	1442	909	56	2728	407	700	0	0	8901	90302
Wayanad	4319	1964	8464	5514	4713	1846	6446	820	5125	1407	83	0	5027	22287	3515	71530
Kannur	1991	22550	59834	2434	4320	0	2540	947	149	4943	8319	217	0	0	9276	117520
Kasaragode	1437	20194	33219	1655	412	0	433	725	12	2029	4035	455	0	0	27958	92564
STATE	83252	301880	776379	40306	148336	42223	56059	29782	8180	39578	16054	21017	21358	28898	83552	1696854



ANNEXURE- I

Crop Estimation Surveys : The Final Estimation of Yield and Production of Paddy 2009-10

Appendix:- D1

Season :-Autumn

Sl. NO.	Name of District	Planned	Analysed	Average Estimated Yield in Tonnes /Ha (Rice)	Area in 000 Ha	Average Yield in Kg/Ha (Rice)	Estimated Production of Rice in '000 Tonnes	Bund Correction Factor (if any) applied	Sampling Error for Average Yield	% of Sampling Error
1	Thiruvananthapuram	361	361	2.781	1.41748	2781	3.942	Not Applied	58.075	2.088
2	Kollam	392	392	2.347	0.8776	2347	2.06	Not Applied	44.867	1.912
3	Pathanamthitta	102	102	2.515	0.18538	2515	0.466	Not Applied	323.057	12.845
4	Alappuzha	289	289	3.167	9.12849	3167	28.912	Not Applied	121.899	3.849
5	Kottayam	171	169	2.915	3.93931	2915	11.484	Not Applied	113.489	3.893
6	Idukki	120	120	2.564	0.58867	2564	1.51	Not Applied	49.635	1.936
7	Ernakulam	464	464	1.908	4.0897	1908	7.803	Not Applied	26.291	1.378
8	Thrissur	423	422	1.774	3.90112	1774	6.922	Not Applied	30.809	1.737
9	Palakkad	649	649	2.497	45.19987	2497	112.866	Not Applied	42.143	1.688
10	Malappuram	572	568	1.974	1.1866	1974	2.343	Not Applied	37.27	1.888
11	Kozhikode	277	277	1.277	0.17293	1277	0.221	Not Applied	70.463	5.518
12	Wayanad									
13	Kannur	455	455	1.914	4.097	1914	7.843	Not Applied	67.928	3.549
14	Kasaragod	360	360	2.304	2.46464	2304	5.678	Not Applied	43.306	1.88
State		4635	4628	2.486	77.24879	2486	192.05	Not Applied	29.516	1.187

ANNEXURE - II
Information for final result of Crop Estimation - Frequency Distribution of Paddy 2009-2010

Appendix:-D2

Season : Autumn

Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency
0 - 99	24	0.58	2000 - 2099	65	1.4	4000 - 4099	207	4.47	6000 - 6099	20	0.43
100 - 199	20	0.43	2100 - 2199	72	1.55	4100 - 4199	132	2.85	6100 - 6199	14	0.3
200 - 299	15	0.32	2200 - 2299	57	1.23	4200 - 4299	110	2.38	6200 - 6299	7	0.15
300 - 399	18	0.39	2300 - 2399	69	1.49	4300 - 4399	117	2.53	6300 - 6399	6	0.13
400 - 499	15	0.32	2400 - 2499	122	2.63	4400 - 4499	137	2.96	6400 - 6499	8	0.17
500 - 599	14	0.3	2500 - 2599	90	1.94	4500 - 4599	83	1.79	6500 - 6599	5	0.11
600 - 699	17	0.37	2600 - 2699	65	1.4	4600 - 4699	68	1.47	6600 - 6699	9	0.19
700 - 799	20	0.43	2700 - 2799	159	3.43	4700 - 4799	68	1.47	6700 - 6799	6	0.13
800 - 899	32	0.69	2800 - 2899	164	3.54	4800 - 4899	102	2.2	6800 - 6899	6	0.13
900 - 999	23	0.5	2900 - 2999	142	3.07	4900 - 4999	69	1.49	6900 - 6999	1	0.02
1000 - 1099	19	0.41	3000 - 3099	111	2.4	5000 - 5099	50	1.08	7100 - 7199	2	0.04
1100 - 1199	15	0.32	3100 - 3199	142	3.07	5100 - 5199	52	1.12	7200 - 7299	5	0.11
1200 - 1299	48	1.04	3200 - 3299	207	4.47	5200 - 5299	49	1.06	7300 - 7399	1	0.02
1300 - 1399	27	0.58	3300 - 3399	154	3.33	5300 - 5399	52	1.12	7500 - 7599	1	0.02
1400 - 1499	34	0.73	3400 - 3499	127	2.74	5400 - 5499	29	0.63	7600 - 7699	1	0.02
1500 - 1599	48	1.04	3500 - 3599	150	3.24	5500 - 5599	22	0.48	7700 - 7799	1	0.02
1600 - 1699	60	1.3	3600 - 3699	176	3.8	5600 - 5699	43	0.93	7900 - 7999	1	0.02
1700 - 1799	46	0.99	3700 - 3799	154	3.33	5700 - 5799	31	0.67	10300 - 10399	1	0.02
1800 - 1899	37	0.8	3800 - 3899	112	2.42	5800 - 5899	21	0.45		4628	100.
1900 - 1999	54	1.17	3900 - 3999	157	3.39	5900 - 5999	10	0.22			

Mean		Standard Deviation		
Paddy	3439.236	Paddy	1272.191	CV : 36.99
Rice	2259.578	Rice	835.83	

ANNEXURE - III
FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS - 2009-10

Appendix – D5

Crop : Paddy

Season - Autumn

Sl. No.	District	No of Driage Exp		Total of PlotYield Before Driage (gms)	Total of Plot Yield After Driage (gms)	Driage rate applied for estimating Yield
		Planned	Analysed			
1	Thiruvananthapuram	45	45	11250	10371	0.922
2	Kollam	36	36	9000	8922	0.991
3	Pathanamthitta	21	21	5250	4747	0.904
4	Alappuzha	43	43	10750	10066	0.936
5	Kottayam	24	24	6000	5908	0.985
6	Idukki	15	15	3750	3461	0.923
7	Ernakulam	61	61	15250	13699	0.898
8	Thrissur	44	44	11000	10040	0.913
9	Palakkad	56	56	14000	13299	0.95
10	Malappuram	45	45	11250	10423	0.926
11	Kozhikode	40	40	10000	9089	0.909
12	Wayanad	0	0	0	0	0
13	Kannur	27	27	6750	5868	0.869
14	Kasaragod	18	18	4500	4182	0.929
State		475	475	118750	110075	0.927

ANNEXURE – IV

DETAILS OF NON RESPONSE 2009-10

Appendix – D6

Crop : Paddy

Season - Autumn

Sl No	Name of District	No of experiments		Experiments not conducted due to		Sub total (5+6)	Experiments rejected due to				sub total (8+9+10+11+12)	Total (7+13)
		Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discrepancy of data	Late receipt of returns		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Thiruvananthapuram	361	361									
2	Kollam	392	392									
3	Pathanamthitta	102	102									
4	Alappuzha	289	289									
5	Kottayam	171	169		2	2						2
6	Idukky	120	120									
7	Ernakulam	464	464									
8	Thrissur	423	422		1	1						1
9	Palakkad	649	649									
10	Malappuram	572	568		4	4						4
11	Kozhikkode	277	277									
12	Wayanad											
13	Kannur	455	455									
14	Kasaragod	360	360									
	STATE	4635	4628	0	7	7						7

ANNEXURE – V
DISRICTWISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARITIES OF
PADDY IN KERALA – 2009-10
Appendix: E1(1)

Season: Autumn

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	303	2810	1325.12	61.902	3723.486	58	2364	92.36	75.034	218.314	361	2781	1417.48	58.075	3941.8
2	Kollam	84	2382	198.51	125.136	472.883	305	2337	673.43	45.366	1573.888	389	2347	871.94	45.158	2046.771
3	Pathanamthitta	71	2328	97.26	55.976	226.435	28	2562	49.87	1004.144	127.77	99	2407	147.13	342.362	354.205
4	Alappuzha	93	3327	8221.29	134.794	27353.635	134	1942	637.89	151.799	1239.019	227	3227	8859.18	125.565	28592.654
5	Kottayam	146	2916	3929.48	113.773	11459.841	21	2541	9.15	57.411	23.248	167	2916	3938.63	113.508	11483.089
6	Idukki	104	2579	542.33	53.686	1398.81	16	2391	46.34	52.812	110.821	120	2564	588.67	49.635	1509.631
7	Ernakulam	269	1965	2789.92	33.918	5482.787	151	2082	919.05	44.477	1913.588	420	1994	3708.97	27.792	7396.375
8	Thrissur	0			0.		412	1781	3822.56	31.406	6806.941	412	1781	3822.56	31.406	6806.941
9	Palakkad	94	2763	4821.8	84.011	13324.721	475	2500	39117.12	47.523	97781.476	569	2529	43938.92	43.301	111106.197
10	Malappuram	0			0.		539	1998	1140.44	38.265	2278.747	539	1998	1140.44	38.265	2278.747
11	Kozhikode	0			0.		183	1467	127.57	93.023	187.106	183	1467	127.57	93.023	187.106
12	Wayanad															
13	Kannur	4	1885	6.5	283.707	12.252	394	1966	3244.57	62.686	6379.363	398	1966	3251.07	62.563	6391.615
14	Kasaragod	15	1936	150.1	239.515	290.62	305	2348	2066.23	47.118	4851.364	320	2320	2216.33	46.826	5141.984
	State	1183	2887	22082.31	57.469	63745.47	3021	2377	51946.58	36.207	123491.645	4204	2529	74028.89	30.649	187237.115

ANNEXURE – V I
DISRICTWISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARITIES OF PADDY IN KERALA 2009-10
Appendix:-E1(2)

Season :Autumn

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	0			0.		0			0.		0		0.	0.	0.
2	Kollam	0			0.		3	2304	5.66	0.	13.04	3	2304	5.66	0.	13.04
3	Pathanamthitta	0			0.		3	2927	38.25	846.871	111.955	3	2927	38.25	846.871	111.955
4	Alappuzha	0			0.		62	1185	269.31	103.482	319.041	62	1185	269.31	103.482	319.041
5	Kottayam	2	621	0.68	0.	0.422	0			0.		2	621	0.68	0.	0.422
6	Idukki	0			0.		0			0.		0		0.	0.	0.
7	Ernakulam	2	1089	0.71	0.	0.773	42	1069	380.02	80.478	406.102	44	1069	380.73	80.328	406.875
8	Thrissur	2	1480	69.	73.6	102.09	8	1370	9.56	280.137	13.099	10	1466	78.56	73.082	115.189
9	Palakkad	1	1523	22.35	0.	34.037	79	1393	1238.6	75.117	1725.612	80	1395	1260.95	73.786	1759.649
10	Malappuram	4	1191	2.2	114.363	2.621	25	1395	43.96	162.943	61.323	29	1385	46.16	155.273	63.944
11	Kozhikode	0			0.		94	744	45.36	60.983	33.77	94	744	45.36	60.983	33.77
12	Wayanad															
13	Kannur	0			0.		57	1716	845.93	224.544	1451.526	57	1716	845.93	224.544	1451.526
14	Kasaragod	1	1568	0.47	0.	0.737	39	2161	247.84	100.599	535.528	40	2160	248.31	100.408	536.265
	State	12	1474	95.41	53.292	140.68	412	1495	3124.49	70.256	4670.996	424	1494	3219.9	68.192	4811.676

ANNEXURE – VII
DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10

Appendix:-E1(3)

Season - Autumn

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	303	2810	1325.12	61.902	3723.486	58	2364	92.36	75.034	218.314	361	2781	1417.48	58.075	3941.8
2	Kollam	84	2382	198.51	125.136	472.883	308	2337	679.09	44.988	1586.928	392	2347	877.6	44.867	2059.811
3	Pathanamthitta	71	2328	97.26	55.976	226.435	31	2720	88.12	676.808	239.725	102	2515	185.38	323.057	466.16
4	Alappuzha	93	3327	8221.29	134.794	27353.635	196	1717	907.2	111.069	1558.06	289	3167	9128.49	121.899	28911.695
5	Kottayam	148	2916	3930.16	113.753	11460.263	21	2541	9.15	57.411	23.248	169	2915	3939.31	113.489	11483.511
6	Idukki	104	2579	542.33	53.686	1398.81	16	2391	46.34	52.812	110.821	120	2564	588.67	49.635	1509.631
7	Ernakulam	271	1965	2790.63	33.91	5483.56	193	1786	1299.07	39.298	2319.69	464	1908	4089.7	26.291	7803.25
8	Thrissur	2	1480	69.	73.6	102.09	420	1780	3832.12	31.336	6820.04	422	1774	3901.12	30.809	6922.13
9	Palakkad	95	2758	4844.15	83.623	13358.758	554	2466	40355.72	46.122	99507.088	649	2497	45199.87	42.143	112865.846
10	Malappuram	4	1191	2.2	114.363	2.621	564	1976	1184.4	37.338	2340.07	568	1974	1186.6	37.27	2342.691
11	Kozhikode	0		0.	0.	0.	277	1277	172.93	70.463	220.876	277	1277	172.93	70.463	220.876
12	Wayanad															
13	Kannur	4	1885	6.5	283.707	12.252	451	1914	4090.5	68.034	7830.889	455	1914	4097.	67.928	7843.141
14	Kasaragod	16	1935	150.57	238.768	291.357	344	2328	2314.07	43.429	5386.892	360	2304	2464.64	43.306	5678.249
	State	1195	2881	22177.72	57.222	63886.15	3433	2327	55071.07	34.385	128162.641	4628	2486	77248.79	29.509	192048.791

ANNEXURE – VIII
DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10
Appendix:-E1(4)

Season - Autumn

Sl No	District	HIGH YIELDING VARIETY					LOCAL VARIETY					TOTAL				
		No of Experiments	Mean yield (kg/ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Meanyield (Kg/Ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Mean Yield (kg/Ha) Rice	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	Thiruvananthapuram	361	2781	1417.48	58.075	3941.8	0		0.	0.	0.	361	2781	1417.48	58.075	3941.8
2	Kollam	389	2347	871.94	45.158	2046.771	3	2304	5.66	0.	13.04	392	2347	877.6	44.867	2059.811
3	Pathanamthitta	99	2407	147.13	342.362	354.205	3	2927	38.25	846.871	111.955	102	2515	185.38	323.057	466.16
4	Alappuzha	227	3227	8859.18	125.565	28592.654	62	1185	269.31	103.482	319.041	289	3167	9128.49	121.899	28911.695
5	Kottayam	167	2916	3938.63	113.508	11483.089	2	621	0.68	0.	0.422	169	2915	3939.31	113.489	11483.511
6	Idukki	120	2564	588.67	49.635	1509.631	0		0.	0.	0.	120	2564	588.67	49.635	1509.631
7	Ernakulam	420	1994	3708.97	27.792	7396.375	44	1069	380.73	80.328	406.875	464	1908	4089.7	26.291	7803.25
8	Thrissur	412	1781	3822.56	31.406	6806.941	10	1466	78.56	73.082	115.189	422	1774	3901.12	30.809	6922.13
9	Palakkad	569	2529	43938.92	43.301	111106.197	80	1395	1260.95	73.786	1759.649	649	2497	45199.87	42.143	112865.846
10	Malappuram	539	1998	1140.44	38.265	2278.747	29	1385	46.16	155.273	63.944	568	1974	1186.6	37.27	2342.691
11	Kozhikode	183	1467	127.57	93.023	187.106	94	744	45.36	60.983	33.77	277	1277	172.93	70.463	220.876
12	Wayanad															
13	Kannur	398	1966	3251.07	62.563	6391.615	57	1716	845.93	224.544	1451.526	455	1914	4097.	67.928	7843.141
14	Kasaragod	320	2320	2216.33	46.826	5141.984	40	2160	248.31	100.408	536.265	360	2304	2464.64	43.306	5678.249
	STATE	4204	2529	74028.89	30.649	187237.115	424	1494	3219.9	68.192	4811.676	4628	2486	77248.79	29.509	192048.791

ANNEXURE – IX
Crop Estimation Surveys Auxiliary information percentage of Area under
different Agricultural Practices - A Statement 2009-10
Appendix :-E2

Crop : Paddy

Season - Autumn

Sl. No	District	Seeds used (no of Exp)			Chemically Manured (%)	Other Manured (%)	Both Chemically and other manured (%)	Not manured (%)	Treated with Pesticides (%)	Pesticides not used(%)
		Total	Improved	local						
1	Thiruvananthapuram	361	361	0	99.45	81.99	81.72	0.28	94.18	5.82
2	Kollam	392	389	3	98.21	89.29	87.5	0.26	72.45	27.55
3	Pathanamthitta	102	99	3	100.	69.61	69.61	0.	99.02	0.98
4	Alappuzha	289	227	62	74.39	37.72	20.76	8.65	66.09	33.91
5	Kottayam	169	167	2	99.41	18.34	18.34	0.59	89.94	10.06
6	Idukki	120	120	0	100.	25.	25.	0.	59.17	40.83
7	Ernakulam	464	420	44	84.7	50.86	50.86	15.3	72.41	27.59
8	Thrissur	422	412	10	98.34	54.03	53.32	1.66	85.55	14.45
9	Palakkad	649	569	80	92.6	51.	46.38	2.77	52.85	47.15
10	Malappuram	568	539	29	92.43	64.61	60.74	4.23	72.89	27.11
11	Kozhikode	277	183	94	74.73	76.17	55.96	5.05	17.69	82.31
12	Wayanad									
13	Kannur	455	398	57	85.49	81.32	70.55	3.74	11.65	88.35
14	Kasaragod	360	320	40	99.17	94.17	93.33	0.83	59.44	40.56
State		4628	4204	424	91.53	64.15	59.4	3.93	62.86	37.14

ANNEXURE - X
Number of Experiments Inspected 2009-10

Appendix:- F

Crop : Paddy

Season : Autumn

Sl. No.	District	No of Exp	Harvest Stage		Pre Harvest Stage		Post Harvest Stage		% of Experiments		
			DLO	TLO	DLO	TLO	DLO	TLO	Harvest Stage	Pre Harvest Stage	Post Harvest Stage
1	Thiruvananthapuram	361	16	89		33	3	3	29.09	9.14	1.66
2	Kollam	392	15	117	2	3		5	33.67	1.28	1.28
3	Pathanamthitta	102	7	21		11			27.45	10.78	0
4	Alappuzha	289	20	60	2	23		1	27.68	8.65	0.35
5	Kottayam	169		61		5		1	36.09	2.96	0.59
6	Idukki	120	5	29		13	3		28.33	10.83	2.5
7	Ernakulam	464	9	116	9	49		9	26.94	12.5	1.94
8	Thrissur	422	12	76	2	24		3	20.85	6.16	0.71
9	Palakkad	649	12	89	3	33	2	34	15.56	5.55	5.55
10	Malappuram	568	26	73	8	28	6	3	17.43	6.34	1.58
11	Kozhikode	277	20	47	3	5		1	24.19	0	0.39
12	Wayanad								0	0	0
13	Kannur	455	10	62		16		11	15.82	3.52	2.42
14	Kasaragod	360	6	41		12		3	13.06	3.33	0.83
	State	4628	158	881	29	255	14	74	22.45	6.14	1.9

ANNEXURE -XI

Crop Estimation Surveys : The Final Estimation of Yield and Production of Rice 2009-10

Appendix:- D1

Season :-Winter

Sl. NO.	Name of District	Planned	Analysed	Average Estimated Yield in Tonnes /Ha (Rice)	Area in 000 Ha	Average Yield in Kg/Ha (Rice)	Estimated Production of Rice in '000 Tonnes	Bund Correction Factor (if any) applied	Sampling Error for Average Yield	% of Sampling Error
1	Thiruvananthapuram	280	279	2.413	1.36014	2413	3.282	Not Applied	52.888	2.192
2	Kollam	396	396	2.304	2.47121	2304	5.693	Not Applied	42.23	1.833
3	Pathanamthitta	199	199	2.47	0.60317	2470	1.49	Not Applied	43.281	1.752
4	Alappuzha	304	304	3.026	7.49296	3026	22.672	Not Applied	120.745	3.99
5	Kottayam	261	261	2.433	3.13817	2433	7.634	Not Applied	111.673	4.59
6	Idukki	224	224	2.684	1.53009	2684	4.106	Not Applied	54.641	2.036
7	Ernakulam	424	424	2.074	5.1209	2074	10.622	Not Applied	30.84	1.487
8	Thrissur	519	519	2.279	12.54924	2279	28.603	Not Applied	33.294	1.461
9	Palakkad	696	696	2.783	49.05519	2783	136.538	Not Applied	45.327	1.629
10	Malappuram	650	650	2.088	6.35582	2088	13.269	Not Applied	33.761	1.617
11	Kozhikode	403	403	1.143	2.49371	1143	2.85	Not Applied	55.217	4.831
12	Wayanad	274	274	2.49	10.5766	2490	26.338	Not Applied	65.866	2.645
13	Kannur	470	470	1.998	2.92412	1998	5.843	Not Applied	50.668	2.536
14	Kasaragod	343	343	1.843	1.81434	1843	3.344	Not Applied	57.836	3.138
State		5443	5442	2.533	107.48566	2533	272.284	Not applied	24.072	0.95

ANNEXURE -XII
Information for final result of Crop Estimation of Rice - Frequency Distribution 2009-2010

Appendix:-D2

Season : Winter

Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency
0 - 99	15	0.28	2000 - 2099	82	1.51	4000 - 4099	219	4.02	6000 - 6099	21	0.39
100 - 199	9	0.17	2100 - 2199	72	1.32	4100 - 4199	167	3.07	6100 - 6199	18	0.33
200 - 299	7	0.13	2200 - 2299	53	0.97	4200 - 4299	125	2.3	6200 - 6299	11	0.2
300 - 399	8	0.15	2300 - 2399	72	1.32	4300 - 4399	126	2.32	6300 - 6399	5	0.09
400 - 499	18	0.33	2400 - 2499	111	2.04	4400 - 4499	152	2.79	6400 - 6499	17	0.31
500 - 599	18	0.33	2500 - 2599	117	2.15	4500 - 4599	125	2.3	6500 - 6599	7	0.13
600 - 699	20	0.37	2600 - 2699	103	1.89	4600 - 4699	82	1.51	6600 - 6699	5	0.09
700 - 799	31	0.57	2700 - 2799	133	2.44	4700 - 4799	65	1.19	6700 - 6799	6	0.11
800 - 899	51	0.94	2800 - 2899	203	3.73	4800 - 4899	107	1.97	6800 - 6899	10	0.18
900 - 999	33	0.61	2900 - 2999	143	2.63	4900 - 4999	96	1.76	6900 - 6999	5	0.09
1000 - 1099	29	0.53	3000 - 3099	127	2.33	5000 - 5099	62	1.14	7000 - 7099	3	0.06
1100 - 1199	32	0.59	3100 - 3199	163	3.	5100 - 5199	68	1.25	7100 - 7199	1	0.02
1200 - 1299	68	1.25	3200 - 3299	237	4.36	5200 - 5299	72	1.32	7200 - 7299	1	0.02
1300 - 1399	50	0.92	3300 - 3399	188	3.45	5300 - 5399	64	1.18	7300 - 7399	2	0.04
1400 - 1499	30	0.55	3400 - 3499	155	2.85	5400 - 5499	42	0.77	7400 - 7499	1	0.02
1500 - 1599	42	0.77	3500 - 3599	162	2.98	5500 - 5599	31	0.57	7500 - 7599	1	0.02
1600 - 1699	75	1.38	3600 - 3699	220	4.04	5600 - 5699	57	1.05	7700 - 7799	1	0.02
1700 - 1799	55	1.01	3700 - 3799	182	3.34	5700 - 5799	36	0.66	7900 - 7999	4	0.07
1800 - 1899	52	0.96	3800 - 3899	160	2.94	5800 - 5899	24	0.44	8100 - 8199	1	0.02
1900 - 1999	54	0.99	3900 - 3999	194	3.56	5900 - 5999	32	0.59	8400 - 8499	1	0.02
										5442	100.

Mean		Standard Deviation		
Paddy	3492.7	Paddy	1276.864	CV :36.56
Rice	2294.7	Rice	838.899	

ANNEXURE –XIII
FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS - 2009-10

Appendix – D5

Crop : Paddy

Season - WINTER

Sl. No.	District	No of Driage Exp		Total of PlotYield Before Driage (gms)	Total of Plot Yield After Driage (gms)	Driage rate applied for estimating Yield
		Planned	Analysed			
1	Thiruvananthapuram	44	44	11000	10275	0.934
2	Kollam	42	42	10500	9050	0.862
3	Pathanamthitta	33	33	8250	7655	0.928
4	Alappuzha	45	45	11250	10644	0.946
5	Kottayam	34	34	8500	7693	0.905
6	Idukki	24	24	6000	5626	0.938
7	Ernakulam	55	55	13750	12069	0.878
8	Thrissur	51	51	12750	11043	0.866
9	Palakkad	57	57	14250	13626	0.956
10	Malappuram	45	45	11250	10518	0.935
11	Kozhikode	43	43	10750	10390	0.967
12	Wayanad	9	9	2250	2066	0.918
13	Kannur	33	33	8250	7505	0.91
14	Kasaragod	18	18	4500	4175	0.928
State		533	533	133250	122335	0.918

**ANNEXURE –XIV
DETAILS OF NON RESPONSE 2009-10**

Appendix – D6

Crop : Paddy

Season - WINTER

Sl No	Name of District	No of experiments		Experiments not conducted due to		Sub total (5+6)	Experiments rejected due to				sub total (8+9+10+11+12)	Total (7+13)
		Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discre-pancyof data	Late receipt of returns		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Thiruvananthapuram	280	279		1	1						1
2	Kollam	396	396									
3	Pathanamthitta	199	199									
4	Alappuzha	304	304									
5	Kottayam	261	261									
6	Idukky	224	224									
7	Ernakulam	424	424									
8	Thrissur	519	519									
9	Palakkad	696	696									
10	Malappuram	650	650									
11	Kozhikkode	403	403									
12	Wayanad	274	274									
13	Kannur	470	470									
14	Kasaragod	343	343									
	STATE	5443	5442		1	1						1

ANNEXURE –XV
DISRICTWISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARITIES OF
PADDY IN KERALA – 2009-10
Appendix: E1(1)

Season: Winter

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	279	2413	1360.14	52.888	3282.46	0			0.		279	2413	1360.14	52.888	3282.46
2	Kollam	94	2414	533.	89.04	1286.399	159	2440	922.24	68.194	2250.339	253	2430	1455.24	54.141	3536.738
3	Pathanamthitta	186	2483	576.41	45.181	1431.21	0			0.		186	2483	576.41	45.181	1431.21
4	Alappuzha	108	3138	6891.37	131.032	21621.702	116	2073	389.34	139.326	807.049	224	3081	7280.71	124.249	22428.751
5	Kottayam	243	2434	3113.88	112.537	7579.228	0			0.		243	2434	3113.88	112.537	7579.228
6	Idukki	195	2715	1158.49	66.336	3145.248	0			0.		195	2715	1158.49	66.336	3145.248
7	Ernakulam	412	2077	5087.4	31.029	10564.644	1	2733	0.67	0.	1.831	413	2077	5088.07	31.025	10566.475
8	Thrissur	394	2412	10148.43	38.407	24481.079	5	1766	1.23	8.436	2.172	399	2412	10149.66	38.403	24483.251
9	Palakkad	541	2888	43270.71	50.616	124945.545	35	2554	1362.69	129.694	3480.89	576	2877	44633.4	49.23	128426.435
10	Malappuram	324	2446	3229.47	51.039	7900.185	92	2167	663.88	101.346	1438.384	416	2399	3893.35	45.727	9338.569
11	Kozhikode	32	2098	189.28	91.876	397.095	45	1392	213.93	203.799	297.767	77	1723	403.21	116.413	694.862
12	Wayanad	200	2605	7660.88	81.667	19959.215	7	2740	614.33	316.883	1683.416	207	2615	8275.21	79.179	21642.631
13	Kannur	334	2140	2333.27	61.565	4992.819	0			0.		334	2140	2333.27	61.565	4992.819
14	Kasaragod	239	1997	858.47	66.772	1714.448	0			0.		239	1997	858.47	66.772	1714.448
	State	3581	2700	86411.2	29.205	233301.277	460	2390	4168.31	68.889	9961.848	4041	2686	90579.51	28.041	243263.125

ANNEXURE –XVI
DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARITIES OF PADDY IN KERALA 2009-10
Appendix:-E1(2)

Season :Winter

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	0			0.		0			0.		0		0.	0.	0.
2	Kollam	39	2270	424.64	103.117	964.113	104	2016	591.33	88.935	1192.111	143	2122	1015.97	67.357	2156.224
3	Pathanamthitta	12	2194	26.65	68.164	58.465	1	2573	0.11	0.	0.283	13	2195	26.76	67.884	58.748
4	Alappuzha	0			0.		80	1144	212.25	69.537	242.83	80	1144	212.25	69.537	242.83
5	Kottayam	15	2240	16.6	214.074	37.19	3	2277	7.69	200.046	17.511	18	2252	24.29	159.42	54.701
6	Idukki	29	2586	371.6	88.609	960.902	0			0.		29	2586	371.6	88.609	960.902
7	Ernakulam	11	1700	32.83	144.964	55.808	0			0.		11	1700	32.83	144.964	55.808
8	Thrissur	82	1723	2316.66	64.824	3992.543	38	1532	82.92	118.731	127.049	120	1717	2399.58	62.719	4119.592
9	Palakkad	80	1888	3013.54	98.542	5689.465	40	1720	1408.25	118.22	2421.865	120	1834	4421.79	76.992	8111.33
10	Malappuram	172	1654	1989.07	49.896	3288.955	62	1355	473.4	141.665	641.615	234	1596	2462.47	48.643	3930.57
11	Kozhikode	12	1363	44.62	967.59	60.81	314	1024	2045.88	59.65	2094.554	326	1031	2090.5	61.922	2155.364
12	Wayanad	62	1845	1469.21	112.484	2711.304	5	2384	832.18	203.483	1983.981	67	2040	2301.39	102.813	4695.285
13	Kannur	136	1439	590.85	61.406	850.096	0			0.		136	1439	590.85	61.406	850.096
14	Kasaragod	104	1705	955.87	91.951	1629.51	0			0.		104	1705	955.87	91.951	1629.51
State		754	1804	11252.14	35.753	20299.161	647	1543	5654.01	49.669	8721.799	1401	1717	16906.15	29.02	29020.96

ANNEXURE -XVII

DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10

Appendix:-E1(3)

Season - WINTER

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	279	2413	1360.14	52.888	3282.46	0		0.	0.	0.	279	2413	1360.14	52.888	3282.46
2	Kollam	133	2350	957.64	67.429	2250.512	263	2274	1513.57	54.164	3442.45	396	2304	2471.21	42.23	5692.962
3	Pathanamthitta	198	2470	603.06	43.289	1489.675	1	2573	0.11	0.	0.283	199	2470	603.17	43.281	1489.958
4	Alappuzha	108	3138	6891.37	131.032	21621.702	196	1745	601.59	93.448	1049.879	304	3026	7492.96	120.745	22671.581
5	Kottayam	258	2433	3130.48	111.946	7616.418	3	2277	7.69	200.046	17.511	261	2433	3138.17	111.673	7633.929
6	Idukki	224	2684	1530.09	54.641	4106.15	0		0.	0.	0.	224	2684	1530.09	54.641	4106.15
7	Ernakulam	423	2074	5120.23	30.844	10620.452	1	2733	0.67	0.	1.831	424	2074	5120.9	30.84	10622.283
8	Thrissur	476	2284	12465.09	33.51	28473.622	43	1536	84.15	116.995	129.221	519	2279	12549.24	33.294	28602.843
9	Palakkad	621	2822	46284.25	47.753	130635.01	75	2130	2770.94	87.623	5902.755	696	2783	49055.19	45.327	136537.765
10	Malappuram	496	2144	5218.54	36.869	11189.14	154	1829	1137.28	83.53	2079.999	650	2088	6355.82	33.761	13269.139
11	Kozhikode	44	1958	233.9	198.994	457.905	359	1059	2259.81	57.346	2392.321	403	1143	2493.71	55.217	2850.226
12	Wayanad	262	2483	9130.09	70.875	22670.519	12	2535	1446.51	178.369	3667.397	274	2490	10576.6	65.866	26337.916
13	Kannur	470	1998	2924.12	50.668	5842.915	0		0.	0.	0.	470	1998	2924.12	50.668	5842.915
14	Kasaragod	343	1843	1814.34	57.836	3343.958	0		0.	0.	0.	343	1843	1814.34	57.836	3343.958
	State	4335	2597	97663.34	26.166	253600.438	1107	1902	9822.32	40.891	18683.647	5442	2533	107485.66	24.067	272284.085

ANNEXURE -XVIII
DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10
Appendix:-E1(4)

Season - WINTER

Sl No	District	HIGH YIELDING VARIETY					LOCAL VARIETY					TOTAL				
		No of Experiments	Mean yield (kg/ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Meanyield (Kg/Ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Mean Yield (kg/Ha) Rice	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	Thiruvananthapuram	279	2413	1360.14	53.705	3282.46	0		0.	0.	0.	279	2413	1360.14	53.705	3282.46
2	Kollam	253	2430	1455.24	54.141	3536.738	143	2122	1015.97	67.357	2156.224	396	2304	2471.21	42.23	5692.962
3	Pathanamthitta	186	2483	576.41	45.181	1431.21	13	2195	26.76	67.884	58.748	199	2470	603.17	43.281	1489.958
4	Alappuzha	224	3081	7280.71	124.249	22428.751	80	1144	212.25	69.537	242.83	304	3026	7492.96	120.745	22671.581
5	Kottayam	243	2434	3113.88	112.537	7579.228	18	2252	24.29	159.42	54.701	261	2433	3138.17	111.673	7633.929
6	Idukki	195	2715	1158.49	66.336	3145.248	29	2586	371.6	88.609	960.902	224	2684	1530.09	54.641	4106.15
7	Ernakulam	413	2077	5088.07	31.025	10566.475	11	1700	32.83	144.964	55.808	424	2074	5120.9	30.84	10622.283
8	Thrissur	399	2412	10149.66	38.403	24483.251	120	1717	2399.58	62.719	4119.592	519	2279	12549.24	33.294	28602.843
9	Palakkad	576	2877	44633.4	49.23	128426.435	120	1834	4421.79	76.992	8111.33	696	2783	49055.19	45.327	136537.765
10	Malappuram	416	2399	3893.35	45.727	9338.569	234	1596	2462.47	48.643	3930.57	650	2088	6355.82	33.761	13269.139
11	Kozhikode	77	1723	403.21	116.413	694.862	326	1031	2090.5	61.922	2155.364	403	1143	2493.71	55.217	2850.226
12	Wayanad	207	2615	8275.21	79.179	21642.631	67	2040	2301.39	102.813	4695.285	274	2490	10576.6	65.866	26337.916
13	Kannur	334	2140	2333.27	61.565	4992.819	136	1439	590.85	61.406	850.096	470	1998	2924.12	50.668	5842.915
14	Kasaragod	239	1997	858.47	66.772	1714.448	104	1705	955.87	91.951	1629.51	343	1843	1814.34	57.836	3343.958
STATE		4041	2686	90579.51	28.0407	243263.125	1401	1717	16906.15	29.0203	29020.96	5442	2533	107485.66	24.067	272284.085

ANNEXURE –XIX
Crop Estimation Surveys Auxiliary information percentage of Area under
different Agricultural Practices - A Statement 2009-10
Appendix :-E2

Season:-Winter

Crop:- Paddy

Sl. No	District	Seeds used (no of Exp)			Chemically Manured (%)	Other Manured (%)	Both Chemically and other manured (%)	Not manured (%)	Treated with Pesticides (%)	Pesticides not used(%)
		Total	Improved	local						
1	Thiruvananthapuram	279	279	0	100.	96.06	96.06	0.	93.19	6.81
2	Kollam	396	253	143	95.71	83.33	79.29	1.26	67.17	32.83
3	Pathanamthitta	199	186	13	99.5	0.	0.	0.5	97.49	2.51
4	Alappuzha	304	224	80	80.26	35.53	24.67	8.88	65.46	34.54
5	Kottayam	261	243	18	98.47	22.22	20.69	0.	95.02	4.98
6	Idukki	224	195	29	92.41	54.46	47.77	0.89	84.82	15.18
7	Ernakulam	424	413	11	97.41	60.38	60.14	2.36	90.8	9.2
8	Thrissur	519	399	120	89.02	51.45	42.58	2.12	83.04	16.96
9	Palakkad	696	576	120	93.1	45.55	40.37	2.01	74.86	25.14
10	Malappuram	650	416	234	91.85	73.08	66.92	2.	84.31	15.69
11	Kozhikode	403	77	326	63.03	79.16	48.39	6.2	19.35	80.65
12	Wayanad	274	207	67	85.04	68.25	56.2	3.28	49.27	50.73
13	Kannur	470	334	136	91.7	88.3	80.64	0.64	52.34	47.66
14	Kasaragod	343	239	104	95.92	89.21	85.42	0.29	82.22	17.78
State		5442	4041	1401	90.61	62.98	55.69	2.22	73.18	26.82

ANNEXURE -XX
Number of Experiments Inspected 2009-10

Appendix:- F

Crop : Paddy

Season : Winter

Sl. No.	District	No of Exp	Harvest Stage		Pre Harvest Stage		Post Harvest Stage		% of Experiments		
			DLO	TLO	DLO	TLO	DLO	TLO	Harvest Stage	Pre Harvest Stage	Post Harvest Stage
1	Thiruvananthapuram	279	5	64	15	21			24.73	12.9	0
2	Kollam	396	32	104	3	24	1	17	34.34	6.82	4.55
3	Pathanamthitta	199	14	54		2		1	34.17	1.01	0.5
4	Alappuzha	304	16	71	2	30		4	10.53	10.53	1.32
5	Kottayam	261		106		7		1	40.61	2.68	0.38
6	Idukki	224	6	26		10		1	14.29	4.46	0.45
7	Ernakulam	424	9	129	5	51		9	32.55	13.21	2.12
8	Thrissur	519	3	120	4	52		18	23.7	10.79	3.47
9	Palakkad	696	18	128		58	1	4	20.98	8.33	0.72
10	Malappuram	650	12	82	1	77	1	7	14.46	12	1.23
11	Kozhikode	403	17	61	1	17		3	19.35	0	0.74
12	Wayanad	274	8	65	3	7		1	26.64	3.65	0.36
13	Kannur	470	10	81	2	10	1	5	19.36	2.55	1.28
14	Kasaragod	343	13	64		20		5	22.45	5.83	1.46
	State	5442	163	1155	36	386	4	76	24.22	7.75	1.47

ANNEXURE –XXI
Crop Estimation Surveys : The Final Estimation of Yield and Production 2009-10

Crop : Paddy

Appendix:- D1

Season :- **Summer**

Sl. NO.	Name of District	Planned	Analysed	Average Estimated Yield in Tonnes /Ha (Rice)	Area in 000 Ha	Average Yield in Kg/Ha (Rice)	Estimated Production of Rice in '000 Tonnes	Bund Correction Factor (if any) applied	Sampling Error for Average Yield	% of Sampling Error
1	Thiruvananthapuram	120	119	2.086	0.16278	2086	0.34	Not Applied	131.037	6.282
2	Kollam	70	70	1.87	0.10384	1870	0.194	Not Applied	186.873	9.993
3	Pathanamthitta	156	156	2.618	2.2084	2618	5.782	Not Applied	241.746	9.234
4	Alappuzha	226	226	2.758	16.81974	2758	46.392	Not Applied	109.776	3.980
5	Kottayam	210	210	2.417	8.39606	2417	20.295	Not Applied	115.635	4.784
6	Idukki	103	103	2.489	0.20921	2489	0.521	Not Applied	66.484	2.671
7	Ernakulam	277	277	1.65	1.57558	1650	2.599	Not Applied	50.240	3.045
8	Thrissur	367	367	3.152	8.98867	3152	28.329	Not Applied	118.003	3.744
9	Palakkad	256	256	2.685	6.26591	2685	16.827	Not Applied	76.118	2.835
10	Malappuram	242	239	3.307	1.29477	3307	4.281	Not Applied	88.360	2.672
11	Kozhikode	251	251	2.017	0.61015	2017	1.231	Not Applied	103.421	5.127
12	Wayanad	270	270	2.819	2.41946	2819	6.819	Not Applied	79.462	2.819
13	Kannur	131	131	1.448	0.10819	1448	0.157	Not Applied	119.280	8.238
14	Kasaragod	130	130	2.047	0.11628	2047	0.238	Not Applied	61.419	3.000
State		2809	2805	2.719	49.27904	2719	134.005	Not Applied	49.917	1.836

ANNEXURE -XXII
Information for final result of Crop Estimation - Frequency Distribution 2009-2010
Appendix:-D2

Crop : Paddy**Season : Summer**

Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency	Range	Fre- quency	% of Frequency
0 - 99	19	0.68	2100 - 2199	47	1.68	4200 - 4299	53	1.89	6300 - 6399	15	0.53
100 - 199	7	0.25	2200 - 2299	27	0.96	4300 - 4399	72	2.57	6400 - 6499	22	0.78
200 - 299	12	0.43	2300 - 2399	51	1.82	4400 - 4499	71	2.53	6500 - 6599	13	0.46
300 - 399	10	0.36	2400 - 2499	67	2.39	4500 - 4599	69	2.46	6600 - 6699	9	0.32
400 - 499	14	0.5	2500 - 2599	57	2.03	4600 - 4699	50	1.78	6700 - 6799	8	0.29
500 - 599	9	0.32	2600 - 2699	38	1.35	4700 - 4799	42	1.5	6800 - 6899	16	0.57
600 - 699	6	0.21	2700 - 2799	65	2.32	4800 - 4899	82	2.92	6900 - 6999	8	0.29
700 - 799	13	0.46	2800 - 2899	82	2.92	4900 - 4999	55	1.96	7000 - 7099	8	0.29
800 - 899	22	0.78	2900 - 2999	59	2.1	5000 - 5099	37	1.32	7100 - 7199	9	0.32
900 - 999	19	0.68	3000 - 3099	54	1.93	5100 - 5199	37	1.32	7200 - 7299	12	0.43
1000 - 1099	16	0.57	3100 - 3199	54	1.93	5200 - 5299	57	2.03	7300 - 7399	7	0.25
1100 - 1199	15	0.53	3200 - 3299	84	2.99	5300 - 5399	32	1.14	7400 - 7499	1	0.04
1200 - 1299	31	1.11	3300 - 3399	68	2.42	5400 - 5499	29	1.03	7500 - 7599	6	0.21
1300 - 1399	22	0.78	3400 - 3499	69	2.46	5500 - 5599	19	0.68	7600 - 7699	3	0.11
1400 - 1499	27	0.96	3500 - 3599	64	2.28	5600 - 5699	41	1.46	7700 - 7799	2	0.07
1500 - 1599	34	1.21	3600 - 3699	89	3.17	5700 - 5799	37	1.32	7900 - 7999	1	0.04
1600 - 1699	34	1.21	3700 - 3799	73	2.6	5800 - 5899	24	0.86	8000 - 8099	3	0.11
1700 - 1799	30	1.07	3800 - 3899	66	2.35	5900 - 5999	30	1.07	8200 - 8299	1	0.04
1800 - 1899	29	1.03	3900 - 3999	65	2.32	6000 - 6099	27	0.96	35600 - 35699	1	0.04
1900 - 1999	26	0.93	4000 - 4099	87	3.1	6100 - 6199	20	0.71		2805	
2000 - 2099	36	1.28	4100 - 4199	65	2.32	6200 - 6299	14	0.5			

Mean		Standard Deviation		
Paddy	3710.213	Paddy	1667.418	CV : 44.94
Rice	2437.61	Rice	1095.493	

ANNEXURE –XXIII
FINAL RESULT OF CROP ESTIMATION SURVEY ON DRIAGE RESULTS - 2009-10

Appendix – D5

Crop : Paddy

Season - Summer

Sl. No.	District	No of Driage Exp		Total of Plot Yield Before Driage (gms)	Total of Plot Yield After Driage (gms)	Driage rate applied for estimating Yield
		Planned	Analysed			
1	Thiruvananthapuram	25	25	6250	5818	0.931
2	Kollam	19	19	4750	4348	0.915
3	Pathanamthitta	27	27	6750	6211	0.92
4	Alappuzha	39	39	9750	9335	0.957
5	Kottayam	30	30	7500	6955	0.927
6	Idukki	24	24	6000	5574	0.929
7	Ernakulam	40	40	10000	9155	0.916
8	Thrissur	48	48	12000	11065	0.922
9	Palakkad	37	37	9250	8821	0.954
10	Malappuram	33	33	8250	7793	0.945
11	Kozhikode	43	43	10750	8876	0.826
12	Wayanad	9	9	2250	2102	0.934
13	Kannur	18	18	4500	4008	0.891
14	Kasaragod	16	16	4000	3720	0.93
State		408	408	102000	93781	0.919

**ANNEXURE –XXIV
DETAILS OF NON RESPONSE 2009-10**

Appendix – D6

Crop : Paddy

Season - Summer

Sl No	Name of District	No of experiments		Experiments not conducted due to		Sub total (5+6)	Experiments rejected due to				sub total (8+9+10+11+12)	Total (7+13)
		Planned	Analysed	Prior harvest of the cultivator	Other Reasons		Non availability of crop	Unreliable doubtful data	Discre-pancyof data	Late receipt of returns		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Thiruvananthapuram	120	119		1	1						1
2	Kollam	70	70									
3	Pathanamthitta	156	156									
4	Alappuzha	226	226									
5	Kottayam	210	210									
6	Idukky	103	103									
7	Ernakulam	277	277									
8	Thrissur	367	367									
9	Palakkad	256	256									
10	Malappuram	242	239		3	3						3
11	Kozhikkode	251	251									
12	Wayanad	270	270									
13	Kannur	131	131									
14	Kasaragod	130	130									
	STATE	2809	2805		4	4						4

ANNEXURE -XXV
DISRICTWISE AREA, MEAN YIELD AND PRODUCTION OF RICE FOR HIGH YIELDING VARITIES OF
PADDY IN KERALA – 2009-10
Appendix: E1(1)

Season: Summer

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	119	2086	162.78	131.037	339.586	0			0.		119	2086	162.78	131.037	339.586
2	Kollam	59	1913	90.9	209.309	173.9	0			0.		59	1913	90.9	209.309	173.9
3	Pathanamthitta	156	2618	2208.4	241.746	5781.9	0			0.		156	2618	2208.4	241.746	5781.9
4	Alappuzha	226	2758	16819.74	109.776	46392.202	0			0.		226	2758	16819.74	109.776	46392.202
5	Kottayam	210	2417	8396.06	115.635	20294.706	0			0.		210	2417	8396.06	115.635	20294.706
6	Idukki	93	2512	176.18	51.539	442.539	0			0.		93	2512	176.18	51.539	442.539
7	Ernakulam	269	1650	1572.48	50.339	2593.987	0			0.		269	1650	1572.48	50.339	2593.987
8	Thrissur	360	3153	8982.81	118.08	28323.955	1	875	0.59	0.	0.516	361	3153	8983.4	118.073	28324.471
9	Palakkad	251	2686	6263.44	76.148	16822.613	0			0.		251	2686	6263.44	76.148	16822.613
10	Malappuram	207	3354	1252.73	91.21	4201.072	1	2013	2.41	0.	4.851	208	3351	1255.14	91.035	4205.923
11	Kozhikode	217	2061	575.61	109.202	1186.319	2	1771	0.17	75.768	0.301	219	2061	575.78	109.17	1186.62
12	Wayanad	262	2817	2395.9	80.144	6749.66	6	3035	22.27	427.53	67.597	268	2819	2418.17	79.503	6817.257
13	Kannur	75	1705	82.64	151.171	140.893	0			0.		75	1705	82.64	151.171	140.893
14	Kasaragod	100	2200	91.36	74.211	200.957	0			0.		100	2200	91.36	74.211	200.957
State		2604	2723	49071.03	50.128	133644.289	10	2880	25.44	374.257	73.265	2614	2724	49096.47	50.102	133717.554

ANNEXURE –XXVI

DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR LOCAL VARITIES OF PADDY IN KERALA 2009-10

Appendix:-E1(2)

Season :Summer

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	0			0.		0			0.		0		0.	0.	0.
2	Kollam	9	1654	11.	206.959	18.19	2	1066	1.94	1577.702	2.069	11	1566	12.94	294.788	20.259
3	Pathanamthitta	0			0.		0			0.		0		0.	0.	0.
4	Alappuzha	0			0.		0			0.		0		0.	0.	0.
5	Kottayam	0			0.		0			0.		0		0.	0.	0.
6	Idukki	10	2366	33.03	318.993	78.134	0			0.		10	2366	33.03	318.993	78.134
7	Ernakulam	8	1715	3.1	47.145	5.316	0			0.		8	1715	3.1	47.145	5.316
8	Thrissur	6	891	5.27	39.768	4.695	0			0.		6	891	5.27	39.768	4.695
9	Palakkad	5	1599	2.47	298.992	3.95	0			0.		5	1599	2.47	298.992	3.95
10	Malappuram	31	1901	39.63	144.557	75.323	0			0.		31	1901	39.63	144.557	75.323
11	Kozhikode	32	1286	34.37	161.581	44.207	0			0.		32	1286	34.37	161.581	44.207
12	Wayanad	2	1584	1.29	972.048	2.043	0			0.		2	1584	1.29	972.048	2.043
13	Kannur	56	615	25.55	126.621	15.721	0			0.		56	615	25.55	126.621	15.721
14	Kasaragod	30	1489	24.92	90.059	37.117	0			0.		30	1489	24.92	90.059	37.117
State		189	1576	180.63	77.811	284.696	2	1066	1.94	1577.702	2.069	191	1571	182.57	78.789	286.765

DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10
ANNEXURE –XXVII Appendix:-E1(3)

Season - Summer

Sl. NO.	District	Irrigated					Un Irrigated					Total				
		No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)	No of Experiments	Mean Yield (Kg/Ha) Rice	Area in Ha	Sampling error	Production of Rice in (Tons)
1	Thiruvananthapuram	119	2086	162.78	131.037	339.586	0		0.	0.	0.	119	2086	162.78	131.037	339.586
2	Kollam	68	1885	101.9	188.047	192.09	2	1066	1.94	1577.702	2.069	70	1870	103.84	186.873	194.159
3	Pathanamthitta	156	2618	2208.4	241.746	5781.9	0		0.	0.	0.	156	2618	2208.4	241.746	5781.9
4	Alappuzha	226	2758	16819.74	109.776	46392.202	0		0.	0.	0.	226	2758	16819.74	109.776	46392.202
5	Kottayam	210	2417	8396.06	115.635	20294.706	0		0.	0.	0.	210	2417	8396.06	115.635	20294.706
6	Idukki	103	2489	209.21	66.484	520.673	0		0.	0.	0.	103	2489	209.21	66.484	520.673
7	Ernakulam	277	1650	1575.58	50.24	2599.303	0		0.	0.	0.	277	1650	1575.58	50.24	2599.303
8	Thrissur	366	3152	8988.08	118.011	28328.65	1	875	0.59	0.	0.516	367	3152	8988.67	118.003	28329.166
9	Palakkad	256	2685	6265.91	76.118	16826.563	0		0.	0.	0.	256	2685	6265.91	76.118	16826.563
10	Malappuram	238	3309	1292.36	88.524	4276.395	1	2013	2.41	0.	4.851	239	3307	1294.77	88.36	4281.246
11	Kozhikode	249	2017	609.98	103.45	1230.526	2	1771	0.17	75.768	0.301	251	2017	610.15	103.421	1230.827
12	Wayanad	264	2817	2397.19	80.102	6751.703	6	3035	22.27	427.53	67.597	270	2819	2419.46	79.462	6819.3
13	Kannur	131	1448	108.19	119.28	156.614	0		0.	0.	0.	131	1448	108.19	119.28	156.614
14	Kasaragod	130	2047	116.28	61.419	238.074	0		0.	0.	0.	130	2047	116.28	61.419	238.074
	State	2793	2719	49251.66	49.944	133928.985	12	2751	27.38	365.266	75.334	2805	2719	49279.04	49.917	134004.319

DISRICTWISE AREA,MEAN YIELD AND PRODUCTION OF RICE FOR ALL VARITIES OF PADDY IN KERALA 2009-10
ANNEXURE –XXVIII Appendix:-E1(4)

Season - Summer

Sl No	District	HIGH YIELDING VARIETY					LOCAL VARIETY					TOTAL				
		No of Experiments	Mean yield (kg/ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Meanyield (Kg/Ha)- Rice	Area(Ha)	Sampling Error	Production of Rice in Tonnes	No of Exp	Mean Yield (kg/Ha) Rice	Area (Ha)	Sampling Error	Production of Rice in Tonnes
1	Thiruvananthapuram	119	2086	162.78	131.037	339.586	0	0.	0.	0.	119	2086	162.78	131.037	339.586	
2	Kollam	59	1913	90.9	209.309	173.9	11	1566	12.94	294.788	20.259	70	1870	103.84	186.873	194.159
3	Pathanamthitta	156	2618	2208.4	241.746	5781.9	0	0.	0.	0.	156	2618	2208.4	241.746	5781.9	
4	Alappuzha	226	2758	16819.74	109.776	46392.202	0	0.	0.	0.	226	2758	16819.74	109.776	46392.202	
5	Kottayam	210	2417	8396.06	115.635	20294.706	0	0.	0.	0.	210	2417	8396.06	115.635	20294.706	
6	Idukki	93	2512	176.18	51.539	442.539	10	2366	33.03	318.993	78.134	103	2489	209.21	66.484	520.673
7	Ernakulam	269	1650	1572.48	50.339	2593.987	8	1715	3.1	47.145	5.316	277	1650	1575.58	50.24	2599.303
8	Thrissur	361	3153	8983.4	118.073	28324.471	6	891	5.27	39.768	4.695	367	3152	8988.67	118.003	28329.166
9	Palakkad	251	2686	6263.44	76.148	16822.613	5	1599	2.47	298.992	3.95	256	2685	6265.91	76.118	16826.563
10	Malappuram	208	3351	1255.14	91.035	4205.923	31	1901	39.63	144.557	75.323	239	3307	1294.77	88.36	4281.246
11	Kozhikode	219	2061	575.78	109.17	1186.62	32	1286	34.37	161.581	44.207	251	2017	610.15	103.421	1230.827
12	Wayanad	268	2819	2418.17	79.503	6817.257	2	1584	1.29	972.048	2.043	270	2819	2419.46	79.462	6819.3
13	Kannur	75	1705	82.64	151.171	140.893	56	615	25.55	126.621	15.721	131	1448	108.19	119.28	156.614
14	Kasaragod	100	2200	91.36	74.211	200.957	30	1489	24.92	90.059	37.117	130	2047	116.28	61.419	238.074
	STATE	2614	2724	49096.47	50.1019	133717.554	191	1570	182.57	78.7884	286.765	2805	2719	49279.04	49.917	134004.319

ANNEXURE -XXIX
Crop Estimation Surveys Auxiliary information percentage of Area under different
Agricultural Practices - A Statement 2009-10
Appendix :-E2

Season:- Summer

Sl. No	District	Seeds used (no of Exp)			Chemically Manured (%)	Other Manured (%)	Both Chemically and other manured (%)	Not manured (%)	Treated with Pesticides (%)	Pesticides not used(%)
		Total	Improved	local						
1	Thiruvananthapuram	119	119	0	99.16	90.76	90.76	0	90.76	9.24
2	Kollam	70	59	11	100	54.29	54.29	0	91.43	8.57
3	Pathanamthitta	156	156	0	100	0	0	0	97.44	2.56
4	Alappuzha	226	226	0	98.23	32.74	30.97	0	88.05	11.95
5	Kottayam	210	210	0	99.52	27.14	27.14	0	95.24	4.76
6	Idukki	103	93	10	98.06	68.93	66.99	0	92.23	7.77
7	Ernakulam	277	269	8	98.92	54.15	53.43	0.36	96.39	3.61
8	Thrissur	367	361	6	95.64	32.97	32.97	2.72	90.46	9.54
9	Palakkad	256	251	5	93.36	32.03	31.64	3.52	83.59	16.41
10	Malappuram	239	208	31	94.98	48.95	45.19	1.26	96.65	3.35
11	Kozhikode	251	219	32	88.84	64.94	58.17	3.59	64.14	35.86
12	Wayanad	270	268	2	85.56	65.19	53.7	3.7	35.19	64.81
13	Kannur	131	75	56	90.84	89.31	80.15	0	49.62	50.38
14	Kasaragod	130	100	30	91.54	73.08	73.08	0	70.77	29.23
State		2805	2614	191	94.8	48.81	46.02	1.5	81.11	18.89

ANNEXURE -XXX
Number of Experiments Inspected 2009-10

Appendix:- F

Crop : Paddy

Season : Summer

Sl. No.	District	No of Exp	Harvest Stage		Pre Harvest Stage		Post Harvest Stage		% of Experiments		
			DLO	TLO	DLO	TLO	DLO	TLO	Harvest Stage	Pre Harvest Stage	Post Harvest Stage
1	Thiruvananthapuram	119	7	36		1			36.13	0.84	0
2	Kollam	70	2	26	3	5		1	40	11.43	1.43
3	Pathanamthitta	156	4	62					42.31	0	0
4	Alappuzha	226	6	32		21		3	16.81	9.29	1.33
5	Kottayam	210		64		2			30.48	0.95	0
6	Idukki	103		1				4	0.97	0	3.88
7	Ernakulam	277	10	52	6	28	4		22.38	12.27	1.44
8	Thrissur	367		91		62		1	24.8	16.89	0.27
9	Palakkad	256	10	46		30		7	21.88	11.72	2.73
10	Malappuram	239	12	25		19	2		15.48	7.95	0.84
11	Kozhikode	251	15	29		3			17.53	1.2	0
12	Wayanad	270	16	46	2	3			22.96	1.85	0
13	Kannur	131	9	18	0	14	0	3	20.61	10.69	2.29
14	Kasaragod	130		24		3			18.46	2.31	0
State		2805	91	552	11	191	6	19	20.71	7.02	0.89