



GOVERNMENT OF KERALA

**ANNUAL REVIEW OF CROP STATISTICS SYSTEM IN KERALA
THROUGH THE SCHEME FOR IMPROVEMENT OF CROP STATISTICS**

2014-15



**DEPARTMENT OF
ECONOMICS & STATISTICS
KERALA**



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PREFACE

The Ministry of Agriculture and Co-operation, Government of India is implementing the scheme on Improvement of Agriculture Statistics for the Collection of Agriculture Statistics. The components of the scheme are Timely Reporting Scheme (TRS), Establishment of an Agency for Reporting Agricultural Statistics (EARAS), Improvement of Crop Statistics (ICS) and Crop Estimation Survey on Fruits and Vegetables (CES-F&V). In Kerala, the scheme on EARAS and ICS are being implemented annually for the collection of data on Agricultural statistics.

The Scheme on Improvement of Crop Statistics is implemented in the State jointly by the efforts of National Sample Survey Office and the State Agricultural Statistics Authority (Department of Economics & Statistics).

The Annual Review report on ICS for 2014-15 is prepared by the Sample Check unit functioning in the EARAS section of the Directorate of Economics and Statistics, Government of Kerala. In this Connection I express my sincere gratitude to Sri.K.Damodaran (Addl: Director), Sri.N.Ramakrishnan (Joint Director) Smt.Sangeetha. R (Assistant Director), Sri. T.B. Raju. (Research Assistant), Smt. Jayasree K.B and Smt.Sheeja.N (Statistical Assistants - Grade I) for the Preparation and Publication of this Report.

I welcome suggestions if any to the improvement of this publication from the wellwishers and data users.

V.RAMACHANDRAN
DIRECTOR GENERAL

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I. INTRODUCTION

Scheme for Improvement of Crop Statistics (ICS)

The scheme Improvement of Crop Statistics was introduced from Rabi I season of 1973-74 with the main objective of improving the quality and reliability of agricultural statistics by locating deficiencies in the state system of collection of Agricultural statistics and suggest remedial measures through the joint efforts of the Field Operation Division of National Sample Survey Office (FOD), Government of India (GOI) and State Agricultural Statistics Authorities (SASA). The primary responsibility for the collection of data on crop statistics rests with the State Government. Crop statistics has two major components, area sown and average yield. Land use statistics is collected by Area Enumeration Survey. The yield rates of principal crops are estimated through General Crop Estimation Survey.

This report contains full account of the current position of estimation of crop production, the procedures followed for enumeration of area and yield and the steps to be taken for improving the system for the year 2014-15. The report also gives the position of training to staff entrusted with crop cutting work, the equipment supplied to them, the adequacy of experiments planned under General Crop Estimation Survey (GCES), the response rate etc. Besides, the findings of sample checks under ICS scheme on the working of the system are also brought out indicating the remedial measures to rectify the deficiencies observed. It also provides comparison of estimates of yield of crops based on sample checks under the scheme for Improvement of Crop Statistics and General Crop Estimation Survey.

1. District level Committees (DLC)

District Level Committees are also functioning in the State with representatives of NSSO and State Government (DES). This committee discusses the reasons for large differences/ no differences between the entries made by supervisor and primary worker in area enumeration.

2. The Scheme for Improvement of Crop Statistics (ICS)

The scheme accomplishes its objectives by conducting sample check on the primary fieldwork through

- (1) Physical verification of the crop enumeration done by the investigator in a sample of 80 Investigator zones in each season.
- (2) Checking the aggregation of crop wise area in the Form I diary and
- (3) Inspection of crop cutting experiments at harvest stage in an agricultural year.

The sample checks are undertaken by the supervisory staff of NSSO (FOD) and the Supervisory staff of DES (ADOs) of the State Government on matching basis in two non-overlapping samples. The basic data collected through these sample checks are exchanged between the two agencies.

Three schedules viz., AS 1.0, AS 1.1 and AS 2.0 are used for recording the findings of sample checks on (a) area enumeration (b) area aggregation and (c) crop cutting experiment respectively. The filled in schedules are sent to both agencies on reciprocal basis for tabulation and analysis.

The programme of sample check on area enumeration consists of selecting and locating a sample of 4 clusters in each selected IV zone with the help of village maps and recording actual utilization to which land under survey numbers are put during each season and comparing these with the corresponding entries made by the investigator in respect of these clusters.

The programme of sample check on area aggregation consists of finding out the total of area figures recorded by the investigator under different utilization in form I diary maintained by him and comparing them with the totals arrived by the supervisor.

The concurrent inspection of crop cutting experiments at harvest stage consists of examining whether the conduct of the experiments by the investigator conforms to the procedures prescribed under GCES. The inspection covers aspects such as selection of fields and random coordinates, marking of experimental plots of specified shape and size, harvesting of plants, weighing of the produce etc. In addition, the position regarding the supply and use of equipments for conducting the experiments, training received by the primary workers, crop condition, use of inputs etc. are also ascertained.

The data collected through the sample check are analysed facilitating factual appraisal of the system with reference to the following..

- (1) Timeliness in completion of area enumeration and working of the EARAS Scheme
- (2) Discrepancies in recording a crop area, their frequency and impact.
- (3) Discrepancies in recording ancillary information, their frequency and impact.
- (4) Discrepancies in crop abstract statement and their impact.
- (5) Departures from the prescribed procedure for conducting crop cutting experiments and their impact.

The yield data from the supervised experiments are also used for obtaining the average yield rates of specified crops and their standard errors. The calculation of standard errors and their study is helpful in assessing the adequacy of the sample size, trend of changes in yield rates and in planning other allied studies.

Analysis of Data-2014-15

II. Check on Area Enumeration and Area Aggregation

Every year 80 Investigator Zones each under the Central and State samples are selected for sample check on Area Enumeration and Area Aggregation. The sample checks are conducted immediately after the completion of area enumeration survey under EARAS scheme.

1. Response in Sample Check on Enumeration of Area during 2014-15

The response in sample check on area enumeration i.e., the number of IV zones for which filled in schedules were received during 2014-15 each is given in Table 1. The response for both Central & State sample was 100 % in whole seasons. (Response is 100% in all districts (all seasons))

2. Completion of Area enumeration under EARAS.

Under EARAS, the Investigator is required to complete enumeration of area in each season according to a prescribed time schedule and also to submit EARAS statement to higher authorities immediately on completion of enumeration work. The sample checks are programmed to be carried out within one month after the due date for the completion of area enumeration. Provision exists in schedule AS 1.0 for collecting information on the due and actual dates of completion of area enumeration as well as the submission of EARAS statement. Analysis of data collected indicates how far the time schedule under EARAS being adhered to by primary workers and throws light on delays which would defeat the purpose of EARAS.

Timeliness in completion of area enumeration during 2014-15 is given in Table – 2. 95%, 97.50% and 96.25% cases for Central sample and 95%, 97.5% and 100% cases for State sample were completed by the girdawari intime during Autumn, Winter and Summer seasons respectively. 1.25% and 0%, 3.75% cases for Central sample during Autumn, Winter and Summer seasons and 5% , 2.5% & 0% cases for State sample during Autumn, Winter & Summer season reported that the area enumeration has completed after the due date. 3.75%, 2.5 % & 3.75% cases during Autumn, Winter and Summer season for the central sample has not reported to the date of completion of area enumeration. In the case of state sample reporting of date of completion of area enumeration “not known” is Nil during three seasons.

3. Submission of EARAS Statement

The details of season wise submission of EARAS crop statements during 2014-15 are indicated in Table 3. Timely submission of these statements still needs considerable improvement. Special care should be given by all districts especially Kottayam, Pathanamthitta, Kozhikode, Wayanad, Kannur and Kasargod.

4. Discrepancies in recording crop and crop areas

The crop utilization and area reported by the Investigator in the state system and with the corresponding entries made by the technical personnel associated with the ICS programme reveal the following types of discrepancies.

- (1) Non-reporting of crops actually grown (e1)
- (2) Reporting of crops actually not grown (e2)
- (3) Reporting of incorrect area of crops (e3)

The percentage of Survey nos. in which different types of discrepancies in recording paddy area by the investigator during Autumn, Winter and Summer for the year 2014-15 are given in Table 4.

The actual crop area is not reported in Palakkad and Idukki State sample in Autumn (e0 error). Reporting of crops actually not grown in the field (e2) was reported in Idukki Central Sample in Autumn Season. Reporting incorrect area of crops (e3) were found in kollam, Idukki, Malapuram, Wayanad & Kannur in Central Sample during Winter Season and Palakkad, Malappuram, Kozhikkode, Wayanad, Kannur & Kasargod in State Sample during Winter Season and Idukki in Central Sample during Summer Season.

5. Discrepancies in recording variety particulars of seed used

Information on distribution of survey numbers as per the type of seed used for paddy during Autumn, Winter and Summer is given in Table 5(a), 5(w) and 5(s) respectively. Following discrepancies were noted in recording variety particulars of seed used for state and central samples in Autumn seasons.

1) Autumn Season Discrepancies

Idukki (Central sample)	100%
Kasargod (Central sample)	10%

2) Winter Season

Idukki (Central Sample)	-6.3%
Malappuram (State Sample)	-3.13%
Kozhikkode (Central Sample)	-6.9%
Kasargod (State Sample)	-17.39%

And no variation found in Summer Season.

III. Check on Crop Cutting Experiment**1. Sample Check on Crop Cutting Experiments.**

Table 6 reflects the number of experiments planned and percentage response achieved under the sample checks on crop cutting experiments in each district during different seasons of the year 2014-15. The response position of paddy was 100 % during Autumn, Winter & summer for State and Central samples.

2. Distribution of number of experiments conducted by important inputs

Table 7(i), 7(ii) and 7(iii) show the details of distribution of paddy crop cutting experiments conducted according to the percentage of experiments irrigated, sown with high yielding varieties of seeds and applied with fertilizer. In the programme of sample check under ICS on crop cutting experiments, particular emphasis has been given to ensure that supervisors are invariably present at the harvest stage to inspect the technique and procedure adopted by the Investigators, and provide support and guidance wherever necessary. The extent of participation at harvest stage is presented in the tables. Central personnel were able to participate in the programme at harvest stage to the extent of 100%, 100% and 90 % during Autumn, Winter and Summer seasons respectively and the State personnel's participation was 100%, 100% and 98% during Autumn, Winter and Summer for all the three seasons for Paddy 2014-15. The extent of participation at harvest stage is cent percent for State & Central personnel for the crops Tapioca, Pepper, Banana, Coconut & Arecanut [Tables 7(iv), 7(v), 7(vi), 7(vii) & 7(viii)] during 2014-15.

3. Procedural Deviations and Discrepancies

Particulars gathered during the visit of technical personnel are used to assess the extent to which the procedural guidelines prescribed for the conduct of crop cutting experiments were observed by the statistical investigators. Incidences of deviation and departures observed during the Sample Check Programme for each crop are:

- e1 – Error in selection of survey/ sub-survey numbers
- e2 – Error in selection of field within survey/ sub-survey numbers
- e3 – Error in reporting seed variety
- e4 – Error in reporting of seed rate.
- e5 – Error in reporting irrigation particulars
- e6 – Error in reporting application of fertilizers
- e7- Error in reporting application of manures
- e8 – Error in reporting application of pesticides
- e9 -Error in reporting measurement of field
- e10- Error in checking random numbers
- e11- Error in location of plots
- e12- Error in plot dimensions
- e13- Error in weighment of produce
- e14-Inadequate arrangement for storing the procedure for driage
- e15- Error in reporting proportion of experimental crops in mixture/ wrong reporting of constituents in mixture and
- e16-any one of the items missing

4. Supply and use of Crop Cutting Equipments

Information on supply and use of crop cutting equipments such as Tapes, Pegs, Balance and set of Weights collected during the Sample Checks Survey 2014-15

is presented in Tables 16 (i) & 16(ii). The primary workers were supplied with all essential items of equipments during 2014-15. The supplied equipments were reported to have been carried to the field for the conduct of crop cutting experiments to a large extent in most of the Districts.

IV. Estimation on Average Yield Rates

Estimated yield rates of high yielding and other varieties of crops for irrigated and unirrigated categories and crop-wise rate of application of fertilizers and differential yield rates according to inputs for paddy during Autumn, Winter and Summer for Central and State samples are given in the Tables.

Crop wise number of experiments planned for check at harvest and the response achieved, variety wise estimated yield rates for irrigated and unirrigated categories, crop-wise rate of application of fertilizers and yield rates according to inputs for central and state samples for the whole year crops Banana, Tapioca, Coconut, Pepper and Arecanut are given in the Tables.

V. Comparison of ICS and GCES yield Estimates

The yield rates of rice under ICS and GCES during the year 2014-15 for district level for central and state samples are given in Table 17(i). Trend of yield rate for Rice under ICS and GCES during Autumn, Winter and Summer for the year 2014-15 are given in Chart 1, 2 and 3 respectively. State wise yield rate under GCES and ICS for paddy is given in Chart 4.

Yield rates of rice under ICS are higher as compared to GCES for state and central samples during three seasons.

The yield rates of important crops under GCES and ICS for the year 2014-15 is given in Table 17(ii) & 17(iii). A graphical representation of yield rates of Tapioca, Banana, Coconut, Pepper and Arecanut are given in Chart 5 to 9. A graphical representation of crop-wise yield rates of important crops during the year 2014-15 is given in Chart 10.

RESPONSE IN SAMPLE CHECK ON ENUMERATION OF AREA DURING 2014-15

Sl.No.	District	Agency	Sample Size	Percentage of Response		
				Autumn	Winter	Summer
1	2	3	4	5	6	7
1	Thiruvananthapuram	C	5	100	100	100
		S	5	100	100	100
2	Kollam	C	5	100	100	100
		S	5	100	100	100
3	Pathanamthitta	C	3	100	100	100
		S	3	100	100	100
4	Alappuzha	C	3	100	100	100
		S	3	100	100	100
5	Kottayam	C	6	100	100	100
		S	6	100	100	100
6	Idukki	C	9	100	100	100
		S	9	100	100	100
7	Eranakulam	C	5	100	100	100
		S	5	100	100	100
8	Thriassur	C	5	100	100	100
		S	5	100	100	100
9	Palakkad	C	9	100	100	100
		S	9	100	100	100
10	Malappuram	C	7	100	100	100
		S	7	100	100	100
11	Kozhikkode	C	6	100	100	100
		S	6	100	100	100
12	Wayanad	C	5	100	100	100
		S	5	100	100	100
13	Kannur	C	7	100	100	100
		S	7	100	100	100
14	Kazharagod	C	5	100	100	100
		S	5	100	100	100
For District Covered		C	80	100	100	100
		S	80	100	100	100

C - Central Sample

S -State Sample

Table-2

TIMELINESS IN COMPLETION OF GIRDAWARI DURING 2014-15

Sl. No.	District	Agency	Percentage of villages where Girdawari was completed during										But date of completion not
			Autumn				Winter				Summer		
			In Time	Late	But date of completion not known	Partially completed	In Time	Late	But date of completion not known	Partially completed	In Time	Late	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Thiruvananthapuram	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
2	Kollam	C	100	0	0	0	100	0	0	0	60	40	
		S	100	0	0	0	100	0	0	0	100	0	
3	Pathanamthitta	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
4	Alappuzha	C	100	0	0	0	100	0	0	0	66.67	33.33	
		S	100	0	0	0	100	0	0	0	100	0	
5	Kottayam	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
6	Idukki	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
7	Eranakulam	C	100	0	0	0	100	0	0	0	100	0	
		S	20	80	0	0	60	40	0	0	100	0	
8	Thrissur	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
9	Palakkad	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
10	Malappuram	C	85.71	14.29	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
11	Kozhikkode	C	50	0	50	0	66.67	0	33.33	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
12	Wayanad	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
13	Kannur	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
14	Kazharagod	C	100	0	0	0	100	0	0	0	100	0	
		S	100	0	0	0	100	0	0	0	100	0	
For District Covered		C	95	1.25	3.75	0	97.5	0	2.5	0	96.25	3.75	
		S	95	5	0	0	97.5	2.5	0	0	100	0	

Table-3
TIMELINESS IN SUBMISSION OF EARAS STATEMENT DURING 2014-15

Sl. No.	District	Season	Agency	Percentage of villages for which							
				EARAS Statement Submitted					EARAS Statement not Submitted		
				Without completing Girdawari		After completing Girdawari		Information regarding date of submission of submission not known	Though Girdawari completed	Girdawari not completed	Information regarding EARAS submission not available
				By due date	After due date	By due date	After due date				
1	2	3	4	5	6	7	8	9	10	11	12
1	Thiruvananthapuram	Autumn	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Summer	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
2	Kollam	Autumn	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Summer	C	20	0	40	20	20	0	0	0
			S	0	0	100	0	0	0	0	0
3	Pathanamthitta	Autumn	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Summer	C	0	0	66.67	33.33	0	0	0	0
			S	0	0	100	0	0	0	0	0
4	Alappuzha	Autumn	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Summer	C	33.33	0	33.33	0	33.37	0	0	0
			S	0	0	100	0	0	0	0	0
5	Kottayam	Autumn	C	0	0	66.67	33.33	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Winter	C	16.67	0	83.33	0	0	0	0	0
			S	0	0	100	0	0	0	0	0
		Summer	C	0	0	83.33	0	16.67	0	0	0
			S	0	0	100	0	0	0	0	0

TIMELINESS IN SUBMISSION OF EARAS STATEMENT DURING 2014-15

Sl. No	District	Season	Agency	Percentage of villages for which									
				EARAS Statement Submitted					EARAS Statement not Submitted				
				Without completing Girdawari		After completing Girdawari		Information regarding date of submission not known	Though Girdawari completed	Girdawari not completed	Information regarding EARAS submission not available		
				By due date	After due date	By due date	After due date						
1	2	3	4	5	6	7	8	9	10	11	12		
6	Idukki	Autumn	C	0	0	100	0	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	0	
		Winter	C	0	0	88.89	11.11	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
		Summer	C	11.11	0	88.89	0	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
7	Eranakulam	Autumn	C	0	0	100	0	0	0	0	0	0	
			S	0	80	20	0	0	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0	0	0
			S	0	0	60	40	0	0	0	0	0	0
		Summer	C	0	0	100	0	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
8	Thrissur	Autumn	C	40	0	0	0	60	0	0	0	0	
			S	0	0	100	0	0	0	0	0	0	
		Winter	C	60	0	0	0	40	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
		Summer	C	0	0	100	0	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
9	Palakkad	Autumn	C	0	0	44.45	33.33	22.22	0	0	0	0	
			S	0	0	100	0	0	0	0	0	0	
		Winter	C	0	0	77.78	0	22.22	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
		Summer	C	0	0	66.67	33.33	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0
10	Malappuram	Autumn	C	14.29	0	71.42	14.29	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	0	
		Winter	C	0	0	100	0	0	0	0	0	0	0
			S	42.86	0	57.14	0	0	0	0	0	0	0
		Summer	C	0	0	100	0	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0	0

Table-3 Contd.....

TIMELINESS IN SUBMISSION OF EARAS STATEMENT DURING 2014-15

Sl. No.	District	Season	Agency	Percentage of villages for which								
				EARAS Statement Submitted				EARAS Statement not Submitted				
				Without completing Girdawari		After completing Girdawari		Information regarding date of submission not known	Though Girdawari completed	Girdawari not completed	Information regarding EARAS submission not available	
				By due date	After due date	By due date	After due date					
1	2	3	4	5	6	7	8	9	10	11	12	
11	Kozhikkode	Autumn	C	0	0	100	0	0	0	0	0	0
			S	0	0	0	100	0	0	0	0	0
		Winter	C	0	0	100	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0
		Summer	C	0	0	100	0	0	0	0	0	0
			S	0	0	100	0	0	0	0	0	0
12	Wayanad	Autumn	C	0	0	100	0	0	0	0	0	
			S	0	0	0	100	0	0	0	0	
		Winter	C	0	0	100	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
		Summer	C	0	0	100	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
13	Kannur	Autumn	C	0	0	14.29	85.71	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
		Winter	C	0	0	0	100	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
		Summer	C	0	0	100	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
14	Kazaragod	Autumn	C	0	0	0	100	0	0	0	0	
			S	20	0	80	0	0	0	0	0	
		Winter	C	0	0	0	100	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
		Summer	C	0	0	100	0	0	0	0	0	
			S	0	0	100	0	0	0	0	0	
For District Covered		Autumn	C	3.75	0	68.75	21.25	6.25	0	0	0	
			S	1.25	5	80	13.75	0	0	0	0	
		Winter	C	5	0	73.75	16.25	5	0	0	0	
			S	3.75	0	93.75	2.5	0	0	0	0	
		Summer	C	3.75	0	86.25	6.25	3.75	0	0	0	
			S	0	0	100	0	0	0	0	0	

C - Central Sample

S - State Sample

Table-4

PERCENTAGE OF SURVEY NUMBERS IN WHICH ERRORS IN RECORDING CROP AREAS WERE OBSERVED : 2014-15

Sl. No.	District	Agency	Percentage of survey numbers with different types of errors in enumeration of area during											
			AUTUMN				WINTER				SUMMER			
			e ₀	e ₁	e ₂	e ₃	e ₀	e ₁	e ₂	e ₃	e ₀	e ₁	e ₂	e ₃
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Thiruvananthapuram	C	100	0	0	0	100	0	0	0	100	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0
2	Kollam	C	100	0	0	0	90.48	0	0	9.52	0	0	0	0
		S	100	0	0	0	100	0	0	0	0	0	0	0
3	Pathanamthitta	C	0	0	0	0	100	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	C	100	0	0	0	100	0	0	0	100	0	0	0
		S	100	0	0	0	100	0	0	0	100	0	0	0
5	Kottayam	C	100	0	0	0	100	0	0	0	100	0	0	0
		S	0	0	0	0	100	0	0	0	100	0	0	0
6	Idukki	C	0	0	100	0	87.5	6.25	0	6.25	80	0	0	20
		S	92.85	0	0	7.14	85	0	0	15	100	0	0	0
7	Ernakulam	C	100	0	0	0	100	0	0	0	0	0	0	0
		S	100	0	0	0	100	0	0	0	100	0	0	0
8	Thrissur	C	0	0	0	0	100	0	0	0	100	0	0	0
		S	100	0	0	0	100	0	0	0	100	0	0	0
9	Palakkad	C	100	0	0	0	100	0	0	0	100	0	0	0
		S	97.18	0	0	2.8	93.75	0	0	6.25	100	0	0	0
10	Malappuram	C	100	0	0	0	94.44	0	0	5.56	100	0	0	0
		S	100	0	0	0	81.25	3.12	0	15.62	100	0	0	0
11	Kozhikkode	C	0	0	0	0	93.10	6.90	0	0	100	0	0	0
		S	100	0	0	0	88.88	0	0	11.11	0	0	0	0
12	Wayanad	C	100	0	0	0	95.35	0	0	4.65	100	0	0	0
		S	0	0	0	0	82.97	0	0	17.02	100	0	0	0
13	Kannur	C	100	0	0	0	97.18	0	0	2.82	0	0	0	0
		S	100	0	0	0	90.62	0	3.12	6.25	0	0	0	0
14	Kazharagod	C	100	0	0	0	100	0	0	0	100	0	0	0
		S	65	10	0	25	56.52	17.39	0	26.08	100	0	0	0
For District Covered		C	99.41	0	0.59	0	96.67	0.95	0	2.38	98.81	0	0	1.19
		S	93.63	1.27	0	5.09	88.67	1.57	0.31	9.43	100	0	0	0

C - Central Sample

S - State Sample

- Crop not reported in the selected zones

e0 - No error

e2 - Reporting of crops actually not grown

e1 - Non-reporting of crops actually grown

e3 - Reporting incorrect area of crops

Table-5(a)

DISCREPANCIES IN RECORDING SEED VARIETY PARTICULARS OF PADDY DURING 2014-15

Autumn

SI No	District	Agency	Percentage of survey numbers in which particulars												
			Tallied				Not Tallied								
							Supervisor				Patwarl				
			HY&L	HY	L	Total	HY	L	NR	Total	HY	L	NR	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Thiruvananthapuram	C	0	83.33	16.67	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kollam	C	0	75	25	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
3	Pathanamthitta	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	C	0	33.33	66.67	100	0	0	0	0	0	0	0	0	0
		S	0	88.89	11.11	100	0	0	0	0	0	0	0	0	0
5	Kottayam	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	C	0	0	0	0	0	0	100	100	0	0	0	0	0
		S	0	85.71	14.29	100	0	0	0	0	0	0	0	0	0
7	Ernakulam	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	100	100	0	0	0	0	0	0	0	0	0
8	Thrissur	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
9	Palakkad	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
10	Malappuram	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
11	Kozhikkode	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	0	100	100	0	0	0	0	0	0	0	0	0
12	Wayanad	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
14	Kaziragod	C	0	78.95	21.05	100	0	0	0	0	0	0	0	0	0
		S	0	85	5	90	0	0	0	0	0	0	0	10	10
For District Covered		C	0	93.53	5.88	99.41	0	0	100	100	0	0	0	0	0
		S	0	94.27	4.46	98.73	0	0	0	0	0	0	0	1.27	1.27

C - Central Sample

S - State Sample

HY- High Yielding Variety Seed

L- Local Variety Seed

- Crop not reported in the selected zones

Table-5(w)
DISCREPANCIES IN RECORDING SEED VARIETY PARTICULARS OF PADDY
DURING 2014-15
WINTER SEASON

Sl. No	District	Agency	Percentage of survey numbers in which particulars												
			Tallied				Not Tallied								
			HY & L	HY	L	Total	Supervisor				Patwari				
8	9	10	11	12	13	14	15	16							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kollam	C	0	42.86	57.14	100	0	0	0	0	0	0	0	0	0
		S	0	77.27	22.73	100	0	0	0	0	0	0	0	0	0
3	Pathanamthitta	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	C	0	0	100	100	0	0	0	0	0	0	0	0	0
		S	0	83.33	16.67	100	0	0	0	0	0	0	0	0	0
5	Kottayam	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	71.43	28.57	100	0	0	0	0	0	0	0	0	0
6	Idukki	C	0	65.63	28.13	93.76	0	6.3	0	0	6.3	0	0	6.3	6.3
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
7	Eranakulam	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
8	Thrissur	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
9	Palakkad	C	0	95.87	4.13	100	0	0	0	0	0	0	0	0	0
		S	0	96.88	3.12	100	0	0	0	0	0	0	0	0	0
10	Malappuram	C	0	47.22	52.78	100	0	0	0	0	0	0	0	0	0
		S	0	68.75	28.13	96.87	0	3.13	0	0	3.13	0	0	3.13	3.13
11	Kozhikkode	C	0	13.79	79.31	93.10	0	0	6.9	0	6.9	0	0	6.9	6.9
		S	0	0	100	100	0	0	0	0	0	0	0	0	0
12	Wayanad	C	0	72.09	27.91	100	0	0	0	0	0	0	0	0	0
		S	0	89.36	10.64	100	0	0	0	0	0	0	0	0	0
13	Kannur	C	0	63.38	36.62	100	0	0	0	0	0	0	0	0	0
		S	0	96.88	3.12	100	0	0	0	0	0	0	0	0	0
14	Kazharagod	C	0	90.48	9.52	100	0	0	0	0	0	0	0	0	0
		S	0	26.08	56.52	82.60	0	0	17.39	0	17.39	0	0	17.39	17.39
For District Covered		C	0	73.09	25.95	99.05	0	0.48	0.48	0	0.95	0	0	0.95	0.95
		S	0	80.82	17.3	98.11	0	0.31	1.26	0	1.57	0	0	1.57	1.57

C - Central Sample

S - State Sample

HY- High Yielding Variety Seed

L- Local Variety Seed

- Crop not reported in the selected zones

Table-5(s)
DISCREPANCIES IN RECORDING SEED VARIETY PARTICULARS OF PADDY
DURING 2014-15
SUMMER

Sl. No.	District	Agency	Percentage of survey numbers in which particulars												
			Tallied				Not Tallied								
							Supervisor				Patwari				
			HY &L	HY	L	Total	HY	L	NR	Total	HY	L	NR	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	Thiruvananthapuram	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kollam	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Pathanamthitta	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
5	Kottayam	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
6	Idukki	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
7	Ernakulam	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
8	Thrissur	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	80	20	100	0	0	0	0	0	0	0	0	0
9	Palakkad	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
10	Malappuram	C	0	90	10	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
11	Kozhikkode	C	0	0	100	100	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Wayanad	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
13	Kannur	C	0	0	0	0	0	0	0	0	0	0	0	0	0
		S	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Kazharagod	C	0	100	0	100	0	0	0	0	0	0	0	0	0
		S	0	100	0	100	0	0	0	0	0	0	0	0	0
For District Covered		C	0	97.62	2.38	100	0	0	0	0	0	0	0	0	
		S	0	98.38	1.62	100	0	0	0	0	0	0	0	0	

Table-6

**RESPONSE IN SAMPLE CHECK ON CROP CUTTING EXPERIMENTS
FOR PADDY DURING 2014-15**

Sl. No.	District	Agency	Autumn			Winter		
			Planned	Expts. Conducted	% Response	Expts. Planned	Expts. Conducted	% Response
1	2	3	4	5	6	7	8	9
1	Thiruvananthapuram	C	8	8	100	8	8	100
		S	8	8	100	8	8	100
2	Kollam	C	6	6	100	6	6	100
		S	6	6	100	6	6	100
3	Pathanamthitta	C	4	4	100	4	4	100
		S	4	4	100	4	4	100
4	Alappuzha	C	6	6	100	6	6	100
		S	6	6	100	6	6	100
5	Kottayam	C	8	8	100	8	8	100
		S	8	8	100	8	8	100
6	Idukki	C	4	4	100	4	4	100
		S	4	4	100	4	4	100
7	Ernakulam	C	8	8	100	8	8	100
		S	8	8	100	8	8	100
8	Thrissur	C	10	10	100	10	10	100
		S	10	10	100	10	10	100
9	Palakkad	C	10	10	100	10	10	100
		S	10	10	100	10	10	100
10	Malappuram	C	10	10	100	10	10	100
		S	10	10	100	10	10	100
11	Kozhikkode	C	12	12	100	8	8	100
		S	12	12	100	8	8	100
12	Wayanad	C	0	0	0	4	4	100
		S	0	0	0	4	4	100
13	Kannur	C	8	8	100	8	8	100
		S	8	8	100	8	8	100
14	Kazaragod	C	6	6	100	6	6	100
		S	6	6	100	6	6	100
For District Covered		C	100	100	100	100	100	100
		S	100	100	100	100	100	100

Table-6
RESPONSE IN SAMPLE CHECK ON CROP CUTTING EXPERIMENTS
FOR PADDY DURING - 2014-15

Sl. No.	District	Agency	Summer			Annual		
			Expts. Planned	Expts. Conducted	% Response	Expts. Planned	Expts. Conducted	% Response
			10	11	12	13	14	15
1	Thiruvananthapuram	C	8	8	100	24	24	100
		S	8	8	100	24	24	100
2	Kollam	C	2	2	100	14	14	100
		S	0	0	0	12	12	100
3	Pathanamthitta	C	4	4	100	12	12	100
		S	4	4	100	12	12	100
4	Alappuzha	C	10	10	100	22	22	100
		S	12	12	100	24	24	100
5	Kottayam	C	8	8	100	24	24	100
		S	8	8	100	24	24	100
6	Idukki	C	4	4	100	12	12	100
		S	4	4	100	12	12	100
7	Ernakulam	C	8	8	100	24	24	100
		S	8	8	100	24	24	100
8	Thrissur	C	10	10	100	30	30	100
		S	10	10	100	30	30	100
9	Palakkad	C	10	10	100	30	30	100
		S	10	10	100	30	30	100
10	Malappuram	C	10	10	100	30	30	100
		S	10	10	100	30	30	100
11	Kozhikkode	C	8	8	100	28	28	100
		S	8	8	100	28	28	100
12	Wayanad	C	4	4	100	8	8	100
		S	4	4	100	8	8	100
13	Kannur	C	8	8	100	24	24	100
		S	8	8	100	24	24	100
14	Kazaragod	C	6	6	100	18	18	100
		S	6	6	100	18	18	100
For District Covered		C	100	100	100	100	100	100
		S	100	100	100	100	100	100

Table-7(i)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Rice-Autumn

Srl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	8	100	100	87.5
		S		8	100	100	100
		C	T	8	100	100	87.5
		S		8	100	100	100
2	Kollam	C	H	6	33.33	100	100
		S		6	0	100	100
		C	T	6	33.33	100	100
		S		6	0	100	100
3	Pathanamthitta	C	H	4	50	100	50
		S		4	75	100	75
		C	T	4	50	100	50
		S		4	75	100	75
4	Alappuzha	C	H	6	66.67	83.33	100
		S		6	16.66	100	66.66
		C	T	6	66.67	83.33	100
		S		6	16.66	100	66.66
5	Kottayam	C	H	8	100	100	100
		S		8	75	100	100
		C	T	8	100	100	100
		S		8	75	100	100
6	Idukki	C	H	4	50	0	100
		S		4	75	100	100
		C	T	4	50	0	100
		S		4	75	100	100
7	Eranakulam	C	H	8	75	100	87.5
		S		8	50	75	37.5
		C	T	8	75	100	87.5
		S		8	50	75	37.5
8	Thrissur	C	H	10	0	100	100
		S		10	0	100	100
		C	T	10	0	100	100
		S		10	0	100	100

Contd.....

**DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15**

Rice-Autumn

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	10	0	100	100
		S		10	0	100	100
		C	T	10	0	100	100
		S		10	0	100	100
10	Malappuram	C	H	10	20	80	60
		S		10	10	100	90
		C	T	10	20	80	60
		S		10	10	100	90
11	Kozhikkode	C	H	12	0	58.33	41.67
		S		12	8.33	83.33	58.33
		C	T	12	0	58.33	41.67
		S		12	8.33	83.33	58.33
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	8	0	100	75
		S		8	0	100	75
		C	T	8	0	100	75
		S		8	0	100	75
14	Kasaragod	C	H	6	0	100	100
		S		6	0	83.33	66.66
		C	T	6	0	100	100
		S		6	0	83.33	66.66
For District Covered		C	H	100	34	88	83
		S		100	27	95	82
		C	T	100	34	88	83
		S		100	27	95	82

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F - Fertilizers used

I - Irrigated

Table 7(ii)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT
INPUTS DURING 2014-15

Rice-Winter

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	8	100	100	100
		S		8	100	100	100
		C	T	8	100	100	100
		S		8	100	100	100
2	Kollam	C	H	6	33.33	83.33	100
		S		6	100	83.33	100
		C	T	6	33.33	83.33	100
		S		6	100	83.33	100
3	Pathanamthitta	C	H	4	50	75	100
		S		4	100	100	100
		C	T	4	50	75	100
		S		4	100	100	100
4	Alappuzha	C	H	6	66.67	66.66	66.66
		S		6	33.33	33.33	50
		C	T	6	66.66	66.66	66.66
		S		6	33.33	33.33	50
5	Kottayam	C	H	8	100	87.5	87.5
		S		8	100	62.5	75
		C	T	8	100	87.5	87.5
		S		8	100	62.5	75
6	Idukki	C	H	4	100	75	75
		S		4	100	100	100
		C	T	4	100	75	75
		S		4	100	100	100
7	Eranakulam	C	H	8	100	100	100
		S		8	100	100	87.5
		C	T	8	100	100	100
		S		8	100	100	87.5
8	Thrissur	C	H	10	100	80	90
		S		10	80	80	80
		C	T	10	100	80	90
		S		10	80	80	80

Contd.....

DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT INPUTS DURING - 2014-15

Rice-Winter

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	10	90	80	80
		S		10	90	100	100
		C	T	10	90	80	80
		S		10	90	100	100
10	Malappuram	C	H	10	60	70	90
		S		10	50	50	80
		C	T	10	60	70	90
		S		10	50	50	80
11	Kozhikkode	C	H	8	25	0	75
		S		8	37.5	12.5	62.5
		C	T	8	25	0	75
		S		8	37.5	12.5	62.5
12	Wayanad	C	H	4	75	75	75
		S		4	100	50	75
		C	T	4	75	75	75
		S		4	100	50	75
13	Kannur	C	H	8	75	62.5	75
		S		8	75	50	62.5
		C	T	8	75	62.5	75
		S		8	75	50	62.5
14	Kazharagod	C	H	6	83.33	66.67	100
		S		6	100	16.66	66.67
		C	T	6	83.33	66.67	100
		S		6	100	16.66	66.67
For District Covered		C	H	100	77	73	87
		S		100	81	67	81
		C	T	100	77	73	87
		S		100	81	67	81

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F -Fertilizers used

Table 7(iii)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Rice-Summer

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	8	100	100	100
		S		8	100	100	100
		C	T	8	100	100	100
		S		8	100	100	100
2	Kollam	C	H	2	0	100	100
		S		0	0	0	0
		C	T	6	0	100	100
		S		6	0	0	0
3	Pathanamthitta	C	H	4	75	100	100
		S		4	100	100	100
		C	T	4	75	100	100
		S		4	100	100	100
4	Alappuzha	C	H	10	100	100	100
		S		12	66.66	100	100
		C	T	6	100	100	100
		S		6	66.66	100	100
5	Kottayam	C	H	8	100	100	100
		S		8	100	100	100
		C	T	8	100	100	100
		S		8	100	100	100
6	Idukki	C	H	4	100	50	100
		S		4	100	100	100
		C	T	4	100	50	100
		S		4	100	100	100
7	Ernakulam	C	H	8	100	100	87.5
		S		8	100	87.5	62.5
		C	T	8	100	100	87.5
		S		8	100	87.5	62.5
8	Thrissur	C	H	10	100	100	100
		S		10	100	100	90
		C	T	10	100	100	100
		S		10	100	100	90

Contd.....

**DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15**

Rice-Summer

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	10	100	90	100
		S		10	100	100	100
		C	T	10	100	90	100
		S		10	100	100	100
10	Malappuram	C	H	10	100	100	100
		S		10	100	100	80
		C	T	10	100	100	100
		S		10	100	100	80
11	Kozhikkode	C	H	8	75	50	62.5
		S		8	75	62.5	25
		C	T	8	75	50	62.5
		S		8	75	62.5	25
12	Wayanad	C	H	4	100	100	100
		S		4	100	100	75
		C	T	4	100	100	100
		S		4	100	100	75
13	Kannur	C	H	8	100	100	100
		S		8	100	87.5	87.5
		C	T	8	100	100	100
		S		8	100	87.5	87.5
14	Kazharagod	C	H	6	100	100	66.66
		S		6	100	83.33	83.33
		C	T	6	100	100	66.66
		S		6	100	83.33	83.33
For District Covered		C	H	100	95	93	94
		S		100	94	94	85
		C	T	100	95	93	94
		S		100	94	94	85

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F - Fertilizers used

Table 7(iv)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT
INPUTS DURING 2014-15

Tapioca

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	4	50	25	50
		S		4	0	0	0
		C	T	4	50	25	50
		S		4	0	0	0
2	Kollam	C	H	4	0	0	50
		S		4	25	0	25
		C	T	4	0	0	50
		S		4	25	0	25
3	Pathanamthitta	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
4	Alappuzha	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
5	Kottayam	C	H	4	50	75	75
		S		4	0	0	75
		C	T	4	50	75	75
		S		4	0	0	75
6	Idukki	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
7	Eranakulam	C	H	4	50	0	25
		S		4	50	50	0
		C	T	4	50	0	25
		S		4	50	50	0
8	Thrissur	C	H	4	75	50	25
		S		4	25	25	25
		C	T	4	75	50	25
		S		4	25	25	25

Contd.....

DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT INPUTS DURING 2014-15							
Tapioca							
Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
				5	6	7	8
9	Palakkad	C	H	4	75	25	50
		S		4	50	25	50
		C	T	4	75	25	50
		S		4	50	25	50
10	Malappuram	C	H	4	75	100	75
		S		4	50	0	25
		C	T	4	75	100	75
		S		4	50	0	25
11	Kozhikkode	C	H	4	50	100	0
		S		4	75	0	50
		C	T	4	50	100	0
		S		4	75	0	50
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	4	0	0	25
		S		4	50	0	25
		C	T	4	0	0	25
		S		4	50	0	25
14	Kazargod	C	H	4	50	0	0
		S		4	0	0	25
		C	T	4	50	0	0
		S		4	0	0	25
For District Covered		C	H	40	47.5	37.5	37.5
		S		40	32.5	10	30
		C	T	40	47.5	37.5	37.5
		S		40	32.5	10	30

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F -Fertilizers used

Table 7(v)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Pepper

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	4	25	25	25
		S		4	0	25	0
		C	T	4	25	25	25
		S		4	0	25	0
2	Kollam	C	H	4	0	0	0
		S		4	25	0	0
		C	T	4	0	0	0
		S		4	25	0	0
3	Pathanamthitta	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
4	Alappuzha	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
5	Kottayam	C	H	4	0	50	0
		S		4	25	0	0
		C	T	4	0	50	0
		S		4	25	0	0
6	Idukki	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
7	Ernakulam	C	H	4	25	0	0
		S		4	25	0	0
		C	T	4	25	0	0
		S		4	25	0	0
8	Thrissur	C	H	4	75	50	0
		S		4	100	0	0
		C	T	4	75	50	0
		S		4	100	0	0

Contd.....

DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT INPUTS DURING 2014-15

Pepper

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	4	25	50	0
		S		4	50	50	0
		C	T	4	25	50	0
		S		4	50	50	0
10	Malappuram	C	H	4	25	50	0
		S		4	0	0	0
		C	T	4	25	50	0
		S		4	0	0	0
11	Kozhikkode	C	H	4	25	0	0
		S		4	0	100	0
		C	T	4	25	0	0
		S		4	0	100	0
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	4	25	0	25
		S		4	0	25	0
		C	T	4	25	0	25
		S		4	0	25	0
14	Kazharagod	C	H	4	100	0	0
		S		4	25	25	25
		C	T	4	100	0	0
		S		4	25	25	25
For District Covered		C	H	40	32.5	22.5	5
		S		40	25	22.5	2.5
		C	T	40	32.5	22.5	5
		S		40	25	22.5	2.5

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F - Fertilizers used

Table7(vi)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Banana

Si. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	4	75	0	100
		S		4	100	0	50
		C	T	4	75	0	100
		S		4	100	0	50
2	Kollam	C	H	4	0	0	100
		S		4	100	0	0
		C	T	4	0	0	100
		S		4	100	0	0
3	Pathanamthitta	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
4	Alappuzha	C	H	4	0	0	50
		S		4	50	0	50
		C	T	4	0	0	50
		S		4	50	0	50
5	Kottayam	C	H	4	25	0	100
		S		4	0	0	25
		C	T	4	25	0	100
		S		4	0	0	25
6	Idukki	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
7	Eranakulam	C	H	4	100	0	100
		S		4	50	0	50
		C	T	4	100	0	100
		S		4	50	0	50
8	Thrissur	C	H	6	16.66	0	33.33
		S		6	100	0	66.66
		C	T	6	16.66	0	33.33
		S		6	100	0	66.66

Contd.....

DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT INPUTS DURING 2014-15

Banana

Sl.No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	6	83.33	16.66	66.66
		S		6	100	16.66	66.66
		C	T	6	83.33	16.66	66.66
		S		6	100	16.66	66.66
10	Malappuram	C	H	6	83.33	16.67	50
		S		6	100	0	50
		C	T	6	83.33	16.67	50
		S		6	100	0	50
11	Kozhikkode	C	H	4	100	0	100
		S		4	100	0	75
		C	T	4	100	0	100
		S		4	100	0	75
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	4	100	0	100
		S		4	100	0	100
		C	T	4	100	0	100
		S		4	100	0	100
14	Kazharagod	C	H	4	50	0	25
		S		4	100	0	100
		C	T	4	50	0	25
		S		4	100	0	100
For District Covered		C	H	50	58	4	72
		S		50	84	2	58
		C	T	50	58	4	72
		S		50	84	2	58

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F - Fertilizers used

Table 7(vii)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Coconut

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	4	0	0	0
		S		4	0	0	0
		C	T	4	0	0	0
		S		4	0	0	0
2	Kollam	C	H	4	50	0	25
		S		4	0	0	0
		C	T	4	50	0	25
		S		4	0	0	0
3	Pathanamthitta	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
4	Alappuzha	C	H	4	0	0	0
		S		4	50	0	0
		C	T	4	0	0	0
		S		4	50	0	0
5	Kottayam	C	H	4	0	0	0
		S		4	50	0	0
		C	T	4	0	0	0
		S		4	50	0	0
6	Idukki	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
7	Eranakulam	C	H	4	50	0	0
		S		4	0	0	25
		C	T	4	50	0	0
		S		4	0	0	25
8	Thrissur	C	H	6	16.66	0	0
		S		6	66.66	0	0
		C	T	6	16.66	0	0
		S		6	66.66	0	0

Contd.....

**DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15**

Coconut

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	6	16.66	0	0
		S		6	66.66	0	16.66
		C	T	6	16.66	0	0
		S		6	66.66	0	16.66
10	Malappuram	C	H	6	66.66	0	100
		S		6	16.66	0	50
		C	T	6	66.66	0	100
		S		6	16.66	0	50
11	Kozhikkode	C	H	4	25	0	0
		S		4	0	0	0
		C	T	4	25	0	0
		S		4	0	0	0
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	4	75	0	0
		S		4	25	0	0
		C	T	4	75	0	0
		S		4	25	0	0
14	Kaziragad	C	H	4	50	0	0
		S		4	50	0	25
		C	T	4	50	0	0
		S		4	50	0	25
For District Covered		C	H	50	32	0	10
		S		50	32	0	12
		C	T	50	32	0	10
		S		50	32	0	12

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F -Fertilizers used

Table 7(viii)
DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO
IMPORTANT INPUTS DURING 2014-15

Arecanut

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	C	H	4	0	0	0
		S		4	0	50	25
		C	T	4	0	0	0
		S		4	0	50	25
2	Kollam	C	H	4	50	25	0
		S		4	0	0	0
		C	T	4	50	25	0
		S		4	0	0	0
3	Pathanamthitta	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
4	Alappuzha	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
5	Kottayam	C	H	4	0	0	0
		S		4	0	0	0
		C	T	4	0	0	0
		S		4	0	0	0
6	Idukki	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
7	Ernakulam	C	H	4	0	0	0
		S		4	0	0	0
		C	T	4	0	0	0
		S		4	0	0	0
8	Thrissur	C	H	4	75	0	0
		S		4	75	0	25
		C	T	4	75	0	0
		S		4	75	0	25

Contd.....

DISTRIBUTION OF NUMBER OF EXPERIMENTS CONDUCTED ACCORDING TO IMPORTANT INPUTS DURING 2014-15

Arecanut

Sl. No.	District	Agency	H/T		Percentage of Experiments under various inputs for crops		
					I	HYV	F
1	2	3	4	5	6	7	8
9	Palakkad	C	H	4	100	0	0
		S		4	100	25	25
		C	T	4	100	0	0
		S		4	100	25	25
10	Malappuram	C	H	4	50	0	50
		S		4	75	0	25
		C	T	4	50	0	50
		S		4	75	0	25
11	Kozhikkode	C	H	4	25	0	0
		S		4	25	0	0
		C	T	4	25	0	0
		S		4	25	0	0
12	Wayanad	C	H	0	0	0	0
		S		0	0	0	0
		C	T	0	0	0	0
		S		0	0	0	0
13	Kannur	C	H	4	0	0	0
		S		4	0	0	0
		C	T	4	0	0	0
		S		4	0	0	0
14	Kazharagod	C	H	4	100	0	0
		S		4	100	0	25
		C	T	4	100	0	0
		S		4	100	0	25
For District Covered		C	H	40	40	2.5	5
		S		40	37.5	7.5	12.5
		C	T	40	40	2.5	5
		S		40	37.5	7.5	12.5

C - Central Sample
H - Checked at Harvest
HYV - High yielding Variety

S - State Sample
T - Total Experiment
F - Fertilizers used

Table 8 (i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA YEAR : 2014-15 STATE SAMPLE

SEASON : AUTUMN CROP :PADDY

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	8	8				
2	Kollam	6	6				
3	Pathanamthitta	4	4				
4	Alappuzha	6	6				
5	Kottayam	8	8				
6	Idukki	4	4				
7	Ernakulam	8	8				
8	Thrissur	10	10				
9	Palakkad	10	10				
10	Malappuram	10	10				
11	Kozhikode	8	12				
12	Wayanad	4	0				
13	Kannur	8	8				
14	Kasargod	6	6				
Total for all crops		100	100				

Table 8 (ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED**STATE : KERALA****YEAR : 2014-15****CENTRAL SAMPLE****SEASON : Autumn****CROP : Paddy**

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	8	8				
2	Kollam	6	6				
3	Pathanamthitta	4	4				
4	Alappuzha	6	6				
5	Kottayam	8	8				
6	Idukki	4	4				
7	Ernakulam	8	8				
8	Thrissur	10	10				
9	Palakkad	10	10				
10	Malappuram	10	10				
11	Kozhikode	8	12				
12	Wayanad	4	*				
13	Kannur	8	8				
14	Kasargod	6	6				
Total		100	100				

*Autumn Paddy Nil. Substituted to Kozhikode.

Table 8(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No	District	STATE:KERALA				YEAR: 2014-15				SEASON:AUTUMN PADDY				STATE SAMPLE						
		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated				
		No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha			
		No. of expts. Checked at harvest																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	TvpM	8	8	3574.2	0	0	8	3574.2	0	0	0	0	0	0	8	3574.2	0	0	8	3574.2
2	Kollam	6	0	0	6	3627.26	6	3627.26	0	0	0	0	0	0	0	0	6	3627.26	6	3627.26
3	Path	4	3	1659.09	1	2766.72	4	1936	0	0	0	0	0	0	3	1659.09	1	2766.72	4	1936
4	Alpy	6	1	2979.72	5	1612.25	6	1840.16	0	0	0	0	0	0	1	2979.72	5	1612.25	6	1840.16
5	Ktm	8	6	4936.45	2	3785.6	8	4648.74	0	0	0	0	0	0	6	4936.45	2	3785.6	8	4648.74
6	Idukki	4	3	3519.6	1	4208.4	4	3691.8	0	0	0	0	0	0	3	3519.6	1	4208.4	4	3691.8
7	Ekm	8	4	2772.35	2	3746.9	6	3097.2	0	0	2	3560	2	3560	4	2772.35	4	3653.45	8	3212.9
8	Thrs	10	0	0	10	3438.62	10	3438.62	0	0	0	0	0	0	0	0	10	3438.62	10	3438.62
9	Pakkd	10	0	0	10	4275.12	10	4275.12	0	0	0	0	0	0	0	0	10	4275.12	10	4275.12
10	Mlp	10	1	2693.6	9	3684.49	10	3585.4	0	0	0	0	0	0	1	2693.6	9	3684.49	10	3585.4
11	Kozhi	12	1	1543.36	9	2349.01	10	2268.45	0	0	2	817.18	2	817.18	1	1543.36	11	2070.5	12	2026.57
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	8	0	0	8	3142.44	8	3142.44	0	0	0	0	0	0	0	0	8	3142.44	8	3142.44
14	Ksrgd	6	0	0	5	3065.6	5	3065.6	0	0	1	2323.2	1	2323.2	0	0	6	2941.87	6	2941.87
	State	100	27	3409.42	68	3290.76	95	3324.48	0	0	5	2215.51	5	2215.51	27	3409.42	73	3217.11	100	3269.03

Table 8 (iv)
ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No.	District	STATE:KERALA		YEAR: 2014-15				SEASON:AUTUMN PADDY				CENTRAL SAMPLE								
		HY varieties		Other Varieties		Both Hy & Others		Irrigated		Un irrigated		Irrigated		Un irrigated						
		No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	Total	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	Total	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Tvpm	8	8	4381.96	0	0	8	4381.96	0	0	0	0	0	0	0	4381.96	0	0	8	4381.96
2	Kollam	6	2	4145.96	4	3022.11	6	3396.73	0	0	0	0	0	0	2	4145.96	4	3022.11	6	3396.73
3	Path	4	2	2678.72	2	2861.76	4	2770.24	0	0	0	0	0	0	2	2678.72	2	2861.76	4	2770.24
4	Alpy	6	4	2096.59	1	1915.8	5	2060.43	0	0	1	2083.2	1	2083.2	4	2096.59	2	1999.5	6	2064.23
5	Kottim	8	8	3414.78	0	0	8	3414.78	0	0	0	0	0	0	8	3414.78	0	0	8	3414.78
6	Idukki	4	0	0	0	0	0	0	2	3515.4	2	3569.4	4	3542.4	2	3515.4	2	3569.4	4	3542.4
7	Ekm	8	6	2938.78	2	2981.5	8	2949.46	0	0	0	0	0	0	6	2938.78	2	2981.5	8	2949.46
8	Thrs	10	0	0	10	2483.68	10	2483.68	0	0	0	0	0	0	0	0	10	2483.68	10	2483.68
9	Pakkd	10	0	0	10	3310.91	10	3310.91	0	0	0	0	0	0	0	0	10	3310.91	10	3310.91
10	Mlp	10	1	3676.4	7	3528.2	8	3546.73	1	2824.64	1	1765.4	2	2295.02	2	3250.52	8	3307.85	10	3296.38
11	Kozhi	12	0	0	7	1881.88	7	1881.88	0	0	5	231.5	5	231.5	0	0	12	1194.22	12	1194.22
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	8	0	0	8	2974.02	8	2974.02	0	0	0	0	0	0	0	0	8	2974.02	8	2974.02
14	Ksrgd	6	0	0	6	3758.93	6	3758.93	0	0	0	0	0	0	0	0	6	3758.93	6	3758.93
	State	100	31	3410.28	57	2944.79	88	3108.77	3	3285.15	9	1349.44	12	1833.36	34	3399.24	66	2727.24	100	2955.72

Table 8(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate	No.	Yield Rate	No. of Experiments			Rate of application			No.	Yield Rate		
						N	P	K	Yield Rate	N	P			K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	3574.2	2	3663.44	8	7	6	8	3574.2	49.15	23.34	40.67	0	0
2	Kollam	6	3627.26	0	0	6	6	6	6	3627.26	26	36.33	30	0	0
3	Pathanamthitta	4	1936	1	1108.8	3	3	3	3	1824.53	53	22.33	21	1	2270.4
4	Alappuzha	6	1840.16	3	2664.76	4	3	2	4	2407.77	49.5	26	45	2	704.94
5	Kottayam	8	4648.74	8	4648.74	8	8	8	8	4648.73	80.5	43.63	46.88	0	0
6	Idukki	4	3691.8	3	3519.6	4	4	2	4	3691.8	49.75	49.75	30.5	0	0
7	Ernakulam	8	3212.9	0	0	3	2	3	3	2672.37	49.26	46.75	26.34	5	3537.21
8	Thrissur	10	3438.62	4	3390.55	10	10	7	10	3188.58	70.4	32.7	86.29	0	0
9	Palakkad	10	4275.12	8	4624.8	10	10	10	10	4275.12	67.5	37.2	60.7	0	0
10	Malappuram	10	3585.4	3	3229.89	9	5	4	9	3536.86	41	42.8	33.25	1	4022.2
11	Kozhikode	12	2026.57	1	578.76	7	4	4	7	2743.52	36.91	28.6	39.5	5	1022.85
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	8	3142.44	2	3801.84	6	5	3	6	3521.28	37.83	26	39.33	2	2005.92
14	Kasargod	6	2941.87	1	2640	4	3	4	4	3068	31.5	37.33	34	2	2689.6
	Total	100	3269.03	36	3756.98	82	70	62	82	3469.62	49.41	34.83	41.04	18	2216.32

Contd.....

Table 8(v)

CROP WISE RATE OF APPLICATION FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	6	3544.45	2	3663.44	6	3544.45	0	0	8	3574.2
2	Kollam	0	0	6	3627.26	0	0	6	3627.26	0	0	6	3627.26
3	Pathanamthitta	1	2270.4	3	2211.73	1	1108.8	2	2182.4	0	0	4	1936
4	Alappuzha	1	1000.68	2	1318.74	4	2100.87	1	1636.8	1	409.2	5	2126.35
5	Kottayam	0	0	0	0	8	4648.73	0	0	0	0	8	4648.74
6	Idukki	0	0	1	4208.4	3	3519.6	1	4208.4	0	0	4	3691.8
7	Ernakulam	2	3746.9	5	3102.18	3	3397.42	3	2672.37	3	3397.43	5	3102.18
8	Thrissur	0	0	6	3470.66	3	3687.27	6	3470.67	0	0	10	3188.58
9	Palakkad	0	0	2	2876.4	8	4624.8	2	2876.4	0	0	10	4275.12
10	Malappuram	1	4022.2	7	3737.76	3	3229.89	6	3690.35	0	0	10	3585.4
11	Kozhikode	2	644.3	8	2489.31	4	1101.1	6	3104.31	3	1275.21	9	2277.02
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	2	2005.92	6	2922.64	2	3801.84	4	3381	0	0	8	3142.44
14	Kasaragod	2	2689.6	5	3002.24	1	2640	3	3210.67	0	0	6	2941.87
	Total	11	2315.16	57	3109.21	42	3504.24	46	3299.09	7	2061.02	93	3333.07

Table 8(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : AUTUMN CROP: PADDY CENTRAL SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate	No.	Yield Rate	No. of Experiments			Rate of application			No.	Yield Rate		
						N	P	K	Yield Rate	N	P			K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	4381.96	0	0	7	7	6	7	4469.62	73.14	38.57	63	1	3768.32
2	Kollam	6	3396.73	2	2240.42	6	6	6	6	3396.72	81.83	34.17	35.67	0	0
3	Pathanamthitta	4	2770.24	0	0	2	1	2	2	2678.72	50	55	83.5	2	2861.76
4	Alappuzha	6	2064.23	0	0	6	4	4	6	2064.22	75.33	49.5	82	0	0
5	Kottayam	8	3414.78	7	3325.92	8	8	6	8	3414.77	84.75	41.38	74.5	0	0
6	Idukki	4	3542.4	1	4269.6	4	4	4	4	3542.4	56.25	30.75	58.25	0	0
7	Ernakulam	8	2949.46	3	3419.97	7	7	7	7	2735.09	49.71	37.57	28.71	1	4450
8	Thrissur	10	2483.68	4	804.66	10	10	9	10	2483.68	45.5	36.8	56.89	0	0
9	Palakkad	10	3310.91	1	1496.48	10	10	5	10	2854.44	85.6	37.1	132.4	0	0
10	Malappuram	10	3296.38	1	3053.96	6	6	4	6	3336.06	63.83	23.83	53.75	4	3236.87
11	Kozhikode	12	1194.22	0	0	5	5	3	5	921.64	39.8	28.2	47.33	7	1388.92
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	8	2974.02	2	3020.64	6	5	3	6	3004.96	46.33	42.4	91.33	2	2881.2
14	Kasargod	6	3758.93	2	4816	6	4	3	6	3758.93	43.33	19.75	38.33	0	0
	Total	100	2955.72	23	2658.01	83	77	62	83	2995.58	61.18	36.54	65.05	17	2492.6

Contd.....

Table 8(vi)

CROP WISE RATE OF APPLICATION FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : AUTUMN PADDY CENTRAL SAMPLE

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	1	3768.32	8	4381.96	0	0	7	4469.62	0	0	8	4381.96
2	Kollam	0	0	4	3974.88	2	2240.42	4	3974.88	0	0	6	3396.73
3	Pathanamthitta	2	2861.76	4	2770.24	0	0	2	2678.72	0	0	4	2770.24
4	Alappuzha	0	0	6	2064.22	0	0	6	2064.23	0	0	6	2064.23
5	Kottayam	0	0	1	4036.76	7	3325.92	1	4036.76	0	0	8	3414.78
6	Idukki	0	0	3	3300	1	4269.6	3	3300	0	0	4	3542.4
7	Ernakulam	1	4450	5	2667.15	3	3419.97	4	2221.44	0	0	8	2949.46
8	Thrissur	0	0	6	3603.03	4	804.66	6	3603.03	0	0	10	2483.68
9	Palakkad	0	0	9	3005.32	1	1496.48	9	3005.33	0	0	10	2854.44
10	Malappuram	4	3236.87	9	3323.32	1	3053.96	5	3392.48	0	0	10	3296.38
11	Kozhikode	7	1388.92	12	1194.22	0	0	5	921.64	0	0	12	1194.22
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	2	2881.2	6	2958.48	2	3020.64	4	2997.12	0	0	8	2974.02
14	Kasargod	0	0	4	3230.4	2	4816	4	3230.4	0	0	6	3758.93
	Total	17	2492.6	77	2925.63	23	2858.01	60	3048.32	0	0	100	2910.07

Table 9(i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : WINTER

CROP : PADDY

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	8	8				
2	Kollam	6	6				
3	Pathanamthitta	4	4				
4	Alappuzha	6	6				
5	Kottayam	8	8				
6	Idukki	4	4				
7	Ernakulam	8	8				
8	Thrissur	10	10				
9	Palakkad	10	10				
10	Malappuram	10	10				
11	Kozhikode	8	8				
12	Wayanad	4	4				
13	Kannur	8	8				
14	Kasargod	6	6				
		100	100				

Table 9(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	8	8				
2	Kollam	6	6				
3	Pathanamthitta	4	4				
4	Alappuzha	6	6				
5	Kottayam	8	8				
6	Idukki	4	4				
7	Ernakulam	8	8				
8	Thrissur	10	10				
9	Palakkad	10	10				
10	Malappuram	10	10				
11	Kozhikode	8	8				
12	Wayanad	4	4				
13	Kannur	8	8				
14	Kasaragod	6	6				
	Total	100	100				

STATE : KERALA

YEAR : 2014-15

SEASON : Winter

CENTRAL SAMPLE
CROP : Paddy

Table 9(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No	District	STATE:KERALA										STATE SAMPLE														
		YEAR:2014-15					SEASON:WINTER					CROP:PADDY					Both Hy & Others									
		HY varieties		Other Varieties			Irrigated		Un irrigated			Irrigated		Un irrigated			Irrigated		Un irrigated							
No. of expts. Checked at harvest	Irrigated	No. of Experiments	Yield Rate Kg/Ha	Un irrigated	No. of Experiments	Yield Rate Kg/Ha	Total	No. of Experiments	Yield Rate Kg/Ha	Irrigated	No. of Experiments	Yield Rate Kg/Ha	Un irrigated	No. of Experiments	Yield Rate Kg/Ha	Irrigated	No. of Experiments	Yield Rate Kg/Ha	Un irrigated	No. of Experiments	Yield Rate Kg/Ha	Total	No. of Experiments	Yield Rate Kg/Ha		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
1	Tvpm	8	8	2786.75	0	0	8	2786.75	0	0	0	0	0	0	8	2786.75	0	0	8	2786.75	0	0	8	2786.75	20	21
2	Kollam	6	5	3052.19	0	0	5	3052.19	1	2657	0	0	1	2657	6	2986.32	0	0	6	2986.32	0	0	6	2986.32	6	2986.32
3	Path	4	4	5452.84	0	0	4	5452.84	0	0	0	0	0	0	4	5452.84	0	0	4	5452.84	0	0	4	5452.84	4	5452.84
4	Alpy	6	2	6168.28	0	0	2	6168.28	0	0	4	412.19	4	412.19	2	6168.28	4	412.19	6	6168.28	4	412.19	6	6168.28	6	2330.89
5	Ktm	8	5	4281.37	0	0	5	4281.37	3	3769.8	0	0	3	3769.83	8	4089.54	0	0	8	4089.54	0	0	8	4089.54	8	4089.54
6	Idukki	4	4	4245.45	0	0	4	4245.45	0	0	0	0	0	0	4	4245.45	0	0	4	4245.45	0	0	4	4245.45	4	4245.45
7	Ekm	8	8	3314.76	0	0	8	3314.76	0	0	0	0	0	0	8	3314.76	0	0	8	3314.76	0	0	8	3314.76	8	3314.76
8	Thrs	10	8	4511.43	0	0	8	4511.43	0	0	2	1367.1	2	1367.1	8	4511.43	2	1367.1	10	4511.43	2	1367.1	10	4511.43	10	3882.56
9	Pakkd	10	9	5174.6	1	6260.4	10	5283.18	0	0	0	0	0	0	9	5124.6	1	6260.4	10	5283.18	10	5283.18	10	5283.18	10	5283.18
10	Mlp	10	1	3342.64	4	3666	5	3601.33	4	3202.6	1	744.48	5	2710.96	5	3230.59	5	3081.7	10	3156.14	5	2245.39	8	2835.57	8	2835.57
11	Kozhi	8	1	1979.04	0	0	1	1979.04	2	4739.3	5	2245.39	7	2957.93	3	3819.2	5	2245.39	8	2835.57	5	2245.39	8	2835.57	8	2835.57
12	Wyd	4	2	4553.28	0	0	2	4553.28	2	2695.1	0	0	2	2695.14	4	3624.21	0	0	4	3624.21	0	0	4	3624.21	4	3624.21
13	Kannur	8	4	3296.02	0	0	4	3296.02	2	795.34	2	575.12	4	685.23	6	2462.46	2	575.12	8	1990.63	6	2462.46	8	1990.63	8	1990.63
14	Ksrgd	6	1	2559.36	0	0	1	2559.36	5	1746.9	0	0	5	1746.91	6	1882.32	0	0	6	1882.32	0	0	6	1882.32	6	1882.32
	State	100	62	4023.29	5	4184.88	67	4035.35	19	2735.3	14	1250.33	33	2105.32	81	3721.17	19	2022.58	100	3398.44						

Table 9(iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No.	District	STATE:KERALA		YEAR:2014-15		SEASON: WINTER		CROP: PADDY		CENTRAL SAMPLE									
		HY varieties		Other Varieties		Both Hy & Others		Irrigated		Un irrigated		Irrigated		Un irrigated					
		No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha				
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Tvpm	8	3532.14	0	0	8	3532.14	0	0	0	0	0	0	8	3532.14	0	0	8	3532.14
2	Kollam	6	3784.88	3	2735.47	5	3155.23	0	0	1	2653.28	1	2653.28	2	3784.88	4	2714.92	6	3071.57
3	Path	4	2779.5	1	2719.52	3	2759.51	0	0	1	1117.98	1	1117.98	2	2779.5	2	1918.75	4	2349.13
4	Alpy	6	5039.34	0	0	4	5039.34	0	0	2	799	2	799	4	5039.34	2	799	6	3625.89
5	Kottim	8	4373.72	0	0	7	4373.72	1	2795.52	0	0	1	2795.52	8	4176.45	0	0	8	4176.45
6	Idukki	4	4379.68	0	0	3	4379.68	1	3593.52	0	0	1	3593.52	4	4183.14	0	0	4	4183.14
7	Ekm	8	3229.2	0	0	8	3229.2	0	0	0	0	0	0	8	3229.2	0	0	8	3229.2
8	Thrs	10	5728.8	0	0	8	5728.8	2	3176.88	0	0	2	3176.88	10	5218.42	0	0	10	5218.42
9	Pakkd	10	4961.41	0	0	8	4961.41	1	2842.56	1	2331.2	2	2586.88	9	4725.99	1	2331.2	10	4486.51
10	Mlp	10	4456.54	3	3975.57	7	4250.41	2	2594.4	1	4534.56	3	3241.12	6	3835.83	4	4115.32	10	3947.62
11	Kozhi	8	0	0	0	0	0	2	2806.74	6	1380.74	8	1737.24	2	2806.74	6	1380.74	8	1737.4
12	Wynd	4	4439.2	0	0	3	4439.2	0	0	1	2529.6	1	2529.6	3	4439.2	1	2529.6	4	3961.8
13	Kannur	8	4193.28	2	3843.84	5	4053.5	3	2050.53	0	0	3	2050.53	6	3121.91	2	3843.84	8	3302.39
14	Ksrgd	6	3994.04	1	4798.8	4	4195.23	2	2533.32	0	0	2	2533.32	5	3409.75	1	4798.8	6	3641.26
	State	100	4379.68	10	3533.91	73	4215.05	14	2686.13	13	1773	27	2246.48	77	4025.52	23	2538.62	100	3683.53

Table 9(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE : KERALA		YEAR : 2014-15		SEASON : WINTER		CROP: PADDY		STATE SAMPLE		Experiments not Treated with Fertilizers			
		Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		No. of Experiments		Experiments With Fertilizers		Rate of application		No.	Yield Rate		
		No.	Yield Rate	No.	Yield Rate	N	P	K	Exclusive Total	Yield Rate	N			P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	2786.75	1	1659.12	8	4	7	8	2786.75	58.18	22.01	34.32	0	0
2	Kollam	6	2986.32	0	0	6	6	5	6	2986.32	32.33	16.33	52.8	0	0
3	Pathanamthitta	4	5452.84	4	5452.84	4	4	4	4	5452.84	54.5	37	39.5	0	0
4	Alappuzha	6	2330.89	1	5493.36	3	3	3	3	4290.16	71.33	32.33	3	3	371.61
5	Kottayam	8	4089.54	5	4281.36	6	6	5	6	40493.18	69.17	38	42.2	2	4078.62
6	Idukki	4	4245.45	2	4183.14	4	4	4	4	4245.45	24.25	24.25	32.25	0	0
7	Ernakulam	8	3314.76	1	3146.4	7	5	5	7	3445.53	39.66	25.84	17.99	1	2399.36
8	Thrissur	10	3875.66	3	4708.28	8	8	8	8	4511.43	58.58	32.88	43.53	2	1367.1
9	Palakkad	10	5283.18	5	5121.12	10	10	9	10	5283.18	83.12	49.7	50.11	0	0
10	Malappuram	10	3156.14	2	2869.04	8	5	4	8	3784.44	34.35	19.16	16.5	2	642.96
11	Kozhikode	8	2835.57	1	2440.32	5	5	2	5	3233.42	41.3	25.4	44.5	3	2172.48
12	Wayanad	4	3624.21	0	0	3	3	2	3	4172.6	17	32.5	1	1	1979.04
13	Kannur	8	1990.63	2	3658.2	5	5	4	5	2928.01	55.6	24	28.75	3	428.30
14	Kasaragod	6	1882.32	2	2563.08	4	4	3	4	2371.5	37.9	34.9	35.53	2	903.96
	Total	100	3398.44	29	4283.96	81	72	65	81	3858.8	48.38	29.59	31.57	19	1435.84

Table 9(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE : KERALA		YEAR : 2014-15		SEASON : WINTER		CROP: PADDY		STATE SAMPLE			
		Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure			
		No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate		
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	7	2947.83	1	1659.12	7	2947.83	0	0	8	2786.74
2	Kollam	0	0	6	2986.32	0	0	6	2986.32	0	0	6	2986.32
3	Pathanamthitta	0	0	0	0	4	5452.84	0	0	0	0	4	5452.84
4	Alappuzha	3	371.61	5	1698.39	1	5493.36	2	3688.56	0	0	6	2330.88
5	Kottayam	2	4078.62	3	3769.82	5	4281.37	1	3152.24	0	0	8	4089.54
6	Idukki	0	0	2	4307.76	2	4183.14	2	4307.76	0	0	4	4245.45
7	Ernakulam	1	2399.36	7	3338.81	1	3146.4	6	3495.39	0	0	8	3314.76
8	Thrissur	2	1367.1	7	3528.68	3	4708.28	5	4393.32	0	0	10	3882.56
9	Palakkad	0	0	5	5445.23	5	5121.12	5	5445.23	0	0	10	5283.17
10	Malappuram	2	642.96	8	2977.92	2	3869.04	6	3756.24	0	0	10	3156.14
11	Kozhikode	2	1564.26	6	2809.22	2	2914.62	4	3431.7	1	3388.92	7	2756.52
12	Wayanad	1	1979.04	4	3624.21	0	0	3	4172.6	0	0	4	3624.21
13	Kannur	2	442.26	5	1641.64	3	2572.26	3	2441.23	1	400.4	7	2217.8
14	Kasargod	2	903.96	4	1541.94	2	2563.08	2	2179.92	0	0	6	1882.32
	Total	17	1381.86	69	3069.85	31	4129.81	52	3621.7	2	1894.66	98	3429.13

Table 9(vii)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA

YEAR : 2014-15

SEASON : WINTER PADDY

CENTRAL SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate	No.	Yield Rate	No. of Experiments			Rate of application			No.	Yield Rate		
						N	P	K	Yield Rate	N	P			K	Exclusive Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	3532.14	0	0	8	8	8	8	3235.14	56.76	45.24	51.35	0	0
2	Kollam	6	3071.57	2	2211.68	6	6	3	6	3071.57	73.2	32.97	33.8	0	0
3	Pathanamthitta	4	2349.13	0	0	4	4	4	4	2349.12	36.75	2175	37.5	0	0
4	Alappuzha	6	3625.89	2	3498.68	4	4	4	4	5039.34	65.5	24.5	87	2	799
5	Kottayam	8	4176.45	5	4541.26	7	7	7	7	4373.72	78	52.86	56.29	1	2795.52
6	Idukki	4	4183.14	1	4865.76	3	3	1	3	4268.08	28.67	17.67	21	1	3928.32
7	Ernakulam	8	3229.2	3	3535.25	8	8	5	8	3229.2	42.32	34.87	37.88	0	0
8	Thrissur	10	5218.42	8	5934.79	9	9	9	9	5567.18	64.33	47.89	70.11	1	2079.48
9	Palakkad	10	4486.51	5	5024.11	8	6	8	8	4961.41	79.25	58.67	51.75	2	2586.88
10	Malappuram	10	3947.62	2	3425.36	9	9	8	9	4185.71	63.88	35.07	43.77	1	1804.8
11	Kozhikode	8	1737.24	2	2806.74	6	5	4	6	1915.8	60.83	26.2	55.25	2	1201.56
12	Wayanad	4	3961.8	1	4776.48	3	2	3	3	2906.56	38	38.13	38.13	1	2529.6
13	Kannur	8	3302.39	0	0	6	5	5	6	3857.18	45.33	31	34.4	2	1638
14	Kasargod	6	3641.26	3	2854.48	6	5	6	6	3641.26	32.17	27.8	27.33	0	0
	Total	100	3683.53	34	4352.99	87	81	75	87	3886.98	54.64	35.33	46.11	13	1968.35

Table 9(viii)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	8	3532.14	0	0	8	3532.14	0	0	8	3532.14
2	Kollam	0	0	4	3501.52	2	2211.68	4	3501.52	0	0	6	3071.57
3	Pathanamthitta	0	0	4	2349.12	0	0	4	2349.13	0	0	4	2349.12
4	Alappuzha	2	799	4	3689.5	2	3498.68	2	6580	0	0	6	3625.89
5	Kottayam	0	0	2	3954.86	6	4250.30	2	3954.86	1	2795.52	7	4373.72
6	Idukki	0	0	2	3969.24	2	4397.04	2	3969.24	1	3928.32	3	4268.08
7	Ernakulam	0	0	5	3045.56	3	3535.25	5	3045.57	0	0	8	3229.2
8	Thrissur	1	2079.48	2	2352.9	8	5934.79	1	2626.32	0	0	10	5218.41
9	Palakkad	2	2586.88	5	3948.9	5	5024.11	3	4856.92	0	0	10	4486.50
10	Malappuram	1	1804.8	8	4078.19	2	3425.36	7	4402.96	0	0	10	3947.62
11	Kozhikode	1	182.28	5	1212.72	3	2611.44	4	1470.33	1	2220.84	7	1668.15
12	Wayanad	1	2529.6	3	3630.72	1	4955.04	2	4597.92	0	0	4	3961.8
13	Kannur	2	1638	8	3302.39	0	0	6	3857.19	0	0	8	3302.39
14	Kasargod	0	0	3	4428.04	3	2854.48	3	4428.04	0	0	6	3641.26
	Total	10	1664.39	63	3352.83	37	4246.62	53	3687.13	3	2981.56	97	3705.24

Table 10(i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : SUMMER

CROP :PADDY

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	8	8				
2	Kollam	6	0				
3	Pathanamthitta	4	4				
4	Alappuzha	6	12				
5	Kottayam	8	8				
6	Idukki	4	4				
7	Ernakulam	8	8				
8	Thrissur	10	10				
9	Palakkad	10	10				
10	Malappuram	10	10				
11	Kozhikode	8	8				
12	Wayanad	4	4				
13	Kannur	8	8				
14	Kasargod	6	6				
Total		100	100				

Table 10(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No	District	No. of expts. Checked at harvest	STATE:KERALA												YEAR: 2014-15		SEASON:SUMMER PADDY						STATE SAMPLE			
			HY varieties				Other Varieties				Both Hy & Others				Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated	
			Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated	
			No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
1	Tvpm	8	8	3356.95	0	0	8	3356.95	0	0	0	0	0	0	8	3356.95	0	0	8	3356.95	0	0	0	0		
2	Kollam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	Path	4	4	4177.86	0	0	4	4177.86	0	0	0	0	0	0	4	4177.86	0	0	4	4177.86	0	0	0	0		
4	Alpy	12	8	4581.19	4	2847.77	12	4003.38	0	0	0	0	0	0	8	4581.19	4	2847.77	12	4003.38	0	0	0	0		
5	Kottm	8	8	4954.96	0	0	8	4954.96	0	0	0	0	0	0	8	4954.96	0	0	8	4954.96	0	0	0	0		
6	Idukki	4	4	3583.4	0	0	4	3583.4	0	0	0	0	0	0	4	3583.4	0	0	4	3583.4	0	0	0	0		
7	Ekrm	8	7	2501.27	0	0	7	2501.27	1	2625	0	0	0	1	2625.08	0	0	0	4	3583.4	0	0	0	0		
8	Thrs	10	10	5117.84	0	0	10	5117.84	0	0	0	0	0	0	8	2516.75	0	0	8	2516.75	0	0	0	0		
9	Pakkd	10	10	3255.46	0	0	10	3255.46	0	0	0	0	0	0	10	5117.84	0	0	10	5117.84	0	0	0	0		
10	Mlp	10	10	3389.5	0	0	10	3389.5	0	0	0	0	0	0	10	3255.46	0	0	10	3255.46	0	0	0	0		
11	Kozhi	8	3	4137.15	2	280.56	5	2594.51	3	1185	0	0	0	3	1185.4	6	2661.28	2	280.56	8	2066.1	0	0	0		
12	Wyd	4	4	3386.27	0	0	4	3386.27	0	0	0	0	0	0	4	3386.27	0	0	4	3386.27	0	0	0	0		
13	Kannur	8	7	1913.65	0	0	7	1913.65	1	0.0366	0	0	1	0.0366	8	1674.45	0	0	8	1674.45	0	0	0	0		
14	Ksrgd	6	5	3067.68	0	0	5	3067.68	1	1461	0	0	1	1160.54	6	2749.82	0	0	6	2749.82	0	0	0	0		
	State	100	88	3682.01	6	1992.03	94	3574.14	6	1224	0	0	6	1223.64	94	3525.1	6	1992.03	100	3433.11	6	1992.03	100	3433.11		

Table 10(iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No	District	No. of expts. Checked at harvest	STATE:KERALA						YEAR: 2014-15						SEASON:SUMMER PADDY						CENTRAL SAMPLE													
			Irrigated		Un irrigated		Total	Irrigated		Un irrigated		Total	Irrigated		Un irrigated		Total	Irrigated		Un irrigated		Total	Irrigated		Un irrigated		Total							
			No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
1	Tvpm	8	8	3817.56	0	0	8	3817.56	0	0	0	0	0	0	0	8	3817.56	0	0	8	3817.56	0	0	8	3817.56	0	0	8	3817.56					
2	Kollam	2	0	0	2	3202.48	2	3202.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3	Path	4	3	3432.36	1	207.87	4	2626.24	0	0	0	0	0	0	0	3	3432.36	1	207.87	4	2626.24	0	0	0	0	0	0	0	0	0	0	0		
4	Alpy	10	10	4253.27	0	0	10	4253.27	0	0	0	0	0	0	0	10	4253.27	0	0	10	4253.27	0	0	10	4253.27	0	0	10	4253.27	0	0	10	4253.27	
5	Kottm	8	8	4289.9	0	0	8	4289.9	0	0	0	0	0	0	0	8	4289.9	0	0	8	4289.9	0	0	8	4289.9	0	0	8	4289.9	0	0	8	4289.9	
6	Idukki	4	2	3242.03	0	0	2	3242.03	2	3136	0	0	2	3136.42	4	3189.23	0	0	4	3189.23	0	0	4	3189.23	0	0	4	3189.23	0	0	4	3189.23		
7	Ekrm	8	8	2564.6	0	0	8	2564.6	0	0	0	0	0	0	0	8	2564.6	0	0	8	2564.6	0	0	8	2564.6	0	0	8	2564.6	0	0	8	2564.6	
8	Thrs	10	10	5091.65	0	0	10	5091.65	0	0	0	0	0	0	0	10	5091.65	0	0	10	5091.65	0	0	10	5091.65	0	0	10	5091.65	0	0	10	5091.65	
9	Pakkd	10	9	3309.58	0	0	9	3309.58	1	1142	0	0	1	1142.4	10	3092.86	0	0	10	3092.86	0	0	10	3092.86	0	0	10	3092.86	0	0	10	3092.86		
10	Mlp	10	10	6675.11	0	0	10	6675.11	0	0	0	0	0	0	0	10	6675.11	0	0	10	6675.11	0	0	10	6675.11	0	0	10	6675.11	0	0	10	6675.11	
11	Kozhi	8	3	1917.46	1	2467.42	4	2054.95	3	1384	1	260.12	4	1102.72	6	1650.52	2	1363.77	8	1578.84	4	4994.5	0	0	4	4994.5	0	0	4	4994.5	0	0	4	4994.5
12	Wyd	4	4	4994.5	0	0	4	4994.5	0	0	0	0	0	0	0	4	4994.5	0	0	4	4994.5	0	0	4	4994.5	0	0	4	4994.5	0	0	4	4994.5	
13	Kannur	8	8	3977.73	0	0	8	3977.73	0	0	0	0	0	0	0	8	3977.73	0	0	8	3977.73	0	0	8	3977.73	0	0	8	3977.73	0	0	8	3977.73	
14	Ksrgd	6	6	3597.44	0	0	6	3597.44	0	0	0	0	0	0	0	6	3597.44	0	0	6	3597.44	0	0	6	3597.44	0	0	6	3597.44	0	0	6	3597.44	
	State	100	89	4171.7	4	2270.07	93	4089.91	6	1928	1	260.12	7	1689.45	95	4029.97	5	1868.08	100	3921.87														

Table 10(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate(KG/Ha)	No.	Yield Rate(KG/Ha)	No. of Experiments			Yield Rate(KG/Ha)	Rate of application			No.	Yield Rate (KG/Ha)	
						N	P	K		Exclusive Total	N	P			K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	3356.95	2	4459.20	8	8	8	8	3356.94	66.93	32.78	42.08	0	0
2	Kollam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Pathanamthitta	4	4177.86	4	4177.86	4	4	4	4	4177.86	52.5	26	39	0	0
4	Alappuzha	12	4003.38	10	4783.43	12	12	12	12	4003.38	87.72	44.97	48.33	0	0
5	Kottayam	8	4954.96	8	4954.96	8	6	8	8	4954.96	67.25	43.5	53.15	0	0
6	Idukki	4	3583.4	2	4045.47	4	3	3	4	3583.4	19	17.67	40	0	0
7	Ernakulam	8	2516.75	1	2646.66	5	4	5	5	2253.25	41.02	17.28	29.79	3	2955.91
8	Thrissur	10	5117.84	5	3907.07	9	9	8	9	4778.42	78.56	48	54.38	1	8172.60
9	Palakkad	10	3255.46	5	2889.51	10	9	6	10	3255.46	61.9	22.22	67.17	0	0
10	Malappuram	10	3389.5	0	0	8	6	6	8	3671.05	76.25	31.83	42	2	2263.33
11	Kozhikode	8	2066.1	0	0	2	2	1	2	2474.86	43.05	37.1	49.2	6	1929.84
12	Wayanad	4	3386.27	2	3940.29	3	3	1	3	4201.98	53.33	11.81	59.4	1	939.13
13	Kannur	8	1674.45	0	0	7	7	7	7	1718.94	57	48.43	52.71	1	1363.00
14	Kasargod	6	2749.82	0	0	5	5	3	5	3067.68	24.44	24.44	25.06	1	1160.54
	Total	100	3433.11	39	4248.84	85	78	72	85	3608.26	57.5	31.9	48.1	15	2440.58

Table 10(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

SEASON : SUMMER PADDY

YEAR : 2014-15

STATE : KERALA

STATE SAMPLE

Sl. No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate	No.	Yield Rate	No.	Yield Rate(KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	6	2989.53	2	4459.2	6	2989.52	0	0	8	3356.95
2	Kollam	0	0	0	0	0	0	0	0	0	0	0	0
3	Pathanamthitta	0	0	0	0	4	4177.86	0	0	0	0	4	4177.86
4	Alappuzha	0	0	2	103.18	10	4783.43	2	103.18	0	0	12	4003.38
5	Kottayam	0	0	0	0	8	4954.96	0	0	0	0	8	4954.96
6	Idukki	0	0	2	3121.33	2	4045.47	2	3121.33	0	0	4	3583.4
7	Ernakulam	2	3121.32	6	2477.05	2	2635.87	4	2154.9	1	2625.08	7	2501.28
8	Thrissur	1	8172.60	5	6328.61	5	3907.07	4	5867.61	0	0	10	5117.84
9	Palakkad	0	0	5	3621.41	5	2889.51	5	3671.41	0	0	10	3255.46
10	Malappuram	2	2263.33	10	3389.50	0	0	8	3671.05	0	0	10	3389.50
11	Kozhikode	5	2295.00	7	2346.39	1	104.05	2	2474.86	1	104.04	7	2346.39
12	Wayanad	1	939.13	2	2201.22	2	3940.29	1	4725.38	0	0	4	3386.27
13	Kannur	1	1363.00	8	1674.45	0	0	7	1504.07	0	0	8	1674.45
14	Kasargod	1	1160.54	6	2749.82	0	0	5	3067.68	0	0	6	2749.82
	Total	13	2606.12	59	2930.27	41	4108.14	46	2999.95	2	1364.56	98	3475.33

Table 10(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE : KERALA		YEAR : 2014-15		SEASON : SUMMER PADDY		CENTRAL SAMPLE							
		Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		No. of Experiments		Rate of application		Experiments With Fertilizers		Experiments not Treated with Fertilizers			
		No.	Yield Rate(KG/Ha)	No.	Yield Rate (KG/Ha)	N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N	P	K	No.	Yield Rate(KG/Ha)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	8	3817.56	0	0	8	8	5	8	3817.56	67.25	35.13	78.6	0	0
2	Kollam	2	3202.48	0	0	2	2	0	2	3202.48	118	44	0	0	0
3	Pathanamthitta	4	2626.24	2	3578.36	4	4	4	4	2626.24	58.5	25	42.75	0	0
4	Alappuzha	10	4253.27	7	3626.57	10	10	10	10	4253.27	91.3	43	63	0	0
5	Kottayam	8	4289.9	7	4453.83	8	8	8	8	4289.9	80.38	57.5	82.75	0	0
6	Idukki	4	3189.23	3	2945.93	4	3	2	4	3189.23	69.5	46	92.5	0	0
7	Ernakulam	8	2564.6	3	3580.64	7	6	5	7	2448.21	47.29	35.33	32.6	1	3379.32
8	Thrissur	10	5091.65	8	5242.95	10	10	10	10	5091.65	49.1	25.7	50.1	0	0
9	Pala k kad	10	3092.86	3	4202.76	10	9	7	10	3092.86	53.7	29.33	60.14	0	0
10	Malappuram	10	6675.11	3	8270.31	10	9	9	10	6675.11	70.8	33	64.89	0	0
11	Kozhikode	8	1578.84	4	2113.47	5	5	2	5	2008.12	29.2	22.4	38.5	3	863.35
12	Wayanad	4	4994.5	0	0	4	4	3	4	4994.5	113.8	52.1	107.27	0	0
13	Kannur	8	3977.73	0	0	8	5	8	8	3977.73	48.25	35.6	37.88	0	0
14	Kasargod	6	3597.44	0	0	4	4	4	4	3705.24	38	38	37.5	2	3381.84
	Total	100	3921.87	40	4277.9	94	87	77	94	4036.75	62.38	41.23	52.4	6	2122.18

Table 10(vi)

CROP WISE RATE OF APPLICATION FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Treated With Fertilizers & Manure		Experiments Treated or With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	8	3817.56	0	0	8	3817.56	0	0	8	3817.56
2	Kollam	0	0	2	3202.48	0	0	2	3202.48	0	0	2	3202.48
3	Pathanamthitta	0	0	2	1674.11	2	3578.36	2	1674.11	0	0	4	2626.24
4	Alappuzha	0	0	3	5715.54	7	3626.57	3	5715.54	0	0	10	4253.27
5	Kottayam	0	0	1	3142.41	7	4453.83	1	3142.41	0	0	8	4289.9
6	Idukki	0	0	1	3919.10	3	2945.93	1	3919.10	0	0	4	3189.23
7	Ernakulam	1	3379.32	5	1954.97	3	3580.64	4	1598.89	0	0	8	2564.59
8	Thrissur	0	0	2	4486.45	8	5242.95	2	4486.45	0	0	10	5091.65
9	Palakkad	0	0	7	2617.18	3	4202.76	7	2617.18	0	0	10	3092.86
10	Malappuram	0	0	7	5991.45	3	8270.31	7	5991.46	0	0	10	6675.11
11	Kozhikode	3	863.35	4	1044.19	4	2113.47	1	1586.73	0	0	8	1578.83
12	Wayanad	0	0	4	4994.49	0	0	4	4994.5	0	0	4	4994.49
13	Kannur	0	0	8	3977.73	0	0	8	3977.73	0	0	8	3977.73
14	Kasargod	1	3030.72	5	3570.33	1	3732.96	4	3705.24	1	3732.96	5	3570.33
	Total	5	1800.02	59	3683.7	41	4264.61	54	3858.12	1	3732.96	99	3923.78

Table 11(i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : ANNUAL

CROP : BANANA

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	4	4				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	6	6				
9	Palakkad	6	6				
10	Malappuram	6	6				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasaragod	4	4				
Total for all crops		50	50				

Table 11(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

CENTRAL SAMPLE

YEAR : 2014-15

STATE : KERALA

CROP : Banana

SEASON : Annual

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	4	4				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	6	6				
9	Palakkad	6	6				
10	Malappuram	6	6				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasaragod	4	4				
	Total	50	50				

Table 11(iii)
ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl. No	District	STATE: KERALA		SEASON: ANNUAL										CROP: BANANA				STATE SAMPLE		
		YEAR: 2014-15		HY varieties					Other Varieties					Both Hy & Others				Total		
		No. of expts. Checked at harvest	Irrigated	Un irrigated	Total	Irrigated		Un irrigated		total		Irrigated		Un irrigated		Irrigated	Un irrigated	Total	No. of Experiments	Yield Rate Kg/Ha
						No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Tyvm	4	0	0	0	0	0	0	4	11900	0	0	4	11900	4	11900	0	0	4	11900
2	Kollam	4	0	0	0	0	0	0	4	16100	0	0	4	16100	4	16100	0	0	4	16100
3	Pnhta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alpza	4	0	0	0	0	0	0	2	12370	2	17233.	4	14801.7	2	12370	2	17233.3	4	14801.7
5	Kotym	4	0	0	0	0	0	0	0	0	4	12716.	4	12716.7	0	0	4	12716.7	4	12716.7
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernklim	4	0	0	0	0	0	0	2	8733	2	11833.	4	10283.3	2	8733.33	2	11833.3	4	10283.3
8	Trissur	6	0	0	0	0	0	0	6	12111	0	0	6	12111.1	6	12111.1	0	0	6	12111.1
9	Palkkad	6	1	20066.7	0	0	1	20066.7	5	12453	0	0	5	12453.3	6	13722.2	0	0	6	13722.2
10	Mlpram	6	0	0	0	0	0	0	6	13153	0	0	6	13153.3	6	13153.3	0	0	6	13153.3
11	Kozkd	4	0	0	0	0	0	0	4	16050	0	0	4	16050	4	16050	0	0	4	16050
12	Wynad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	0	0	0	0	0	0	4	14083	0	0	4	14083.3	4	14083.3	0	0	4	14083.3
14	Ksrgod	4	0	0	0	0	0	0	4	21600	0	0	4	21600	4	21600	0	0	4	21600
	State	50	1	20066.7	0	0	1	20066.7	41	14024	8	13625	49	13959.1	42	14168.1	8	13625	50	14081.2

Table 11(iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No.	District	No. of expts. Checked at harvest	STATE:KERALA						YEAR: 2014-15						SEASON : ANNUAL BANANA						CENTRAL SAMPLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			HY varieties			Other Varieties			Both Hy & Others			HY varieties			Other Varieties			Both Hy & Others			HY varieties			Other Varieties			Both Hy & Others																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total	Irrigated	Un irrigated	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286

Table 11(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA		YEAR : 2014-15				SEASON : ANNUAL, BANANA				STATE SAMPLE					
Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers				Experiments not Treated with Fertilizers					
		No.	Yield Rate	No.	Yield Rate	No. of Experiments	Yield Rate	Rate of application	No.	Yield Rate	No.	Yield Rate			
						N	P	K	Exclusive Total	N	P	K	N	P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	11900	0	0	2	2	2	2	15200	89.55	89.55	89.55	2	8600
2	Kollam	4	16100	0	0	0	0	0	0	0	0	0	0	4	16100
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	4	14801.7	2	17233.3	2	1	1	2	17233.3	41.5	25	39	2	12370
5	Kottayam	4	12716.7	0	0	1	1	1	1	21000	171	171	171	3	9955.5
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	10283.3	1	15466.7	2	2	1	2	11833.3	167.95	122.5	67.15	2	8733.3
8	Thrissur	6	12111.1	0	0	4	3	1	4	13083.3	73	66.67	120	2	10166.6
9	Palakkad	6	13722.2	2	12000	4	3	4	4	13900	402.5	410	552	2	13366.6
10	Malappuram	6	13153.3	0	0	2	2	2	3	17662.2	1078.5	493.5	618	3	8644.4
11	Kozhikode	4	16050	0	0	3	2	1	3	15511.1	63	56.5	33	1	17666.6
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	kannur	4	14083.3	0	0	0	0	0	0	0	0	0	0	0	0
14	Kasargod	4	21600	1	22000	4	2	3	4	21600	176.25	76.5	198	0	0
Total		50	14081.2	6	15988.9	24	18	16	25	13909.9	251.47	167.91	209.74	21	11635.24

Table 11(v)

CROP-WISE RATE OF APPLICATION FERTILIZERS AND YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE: KERALA		YEAR: 2014-15		SEASON : ANNUAL		CROP : BANANA		STATE SAMPLE			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	2	8600	4	11900	0	0	2	15200	0	0	4	11900
2	Kollam	4	16100	4	16100	0	0	0	0	0	0	4	16100
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	2	12370	2	12370	2	17233.3	0	0	0	0	4	14801.7
5	Kottayam	3	9955.6	4	12716.7	0	0	1	21000	0	0	4	12716.7
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	2	8733.3	3	8555.6	1	15466.7	1	8200	0	0	4	10283.3
8	Thrissur	2	10166.7	6	12161.1	0	0	4	8408.3	0	0	6	12111.1
9	Palakkad	1	13800	3	15133.3	3	12311.1	2	15800	1	12933.3	5	13880
10	Malappuram	3	8644.4	6	13153.3	0	0	3	17662.2	0	0	6	13153.3
11	Kozhikode	1	17666.7	4	16050	0	0	3	15511.1	0	0	4	16050
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	0	0	4	14083.3	0	0	4	14083.3	0	0	4	14083.3
14	Kasargod	0	0	3	21466.6	1	22000	3	21466.7	0	0	4	21600
	Total	20	10775.31	43	12538.6	7	15552.38	23	12554.5	1	12933.3	49	14104.6

Table 11(vi)
CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA		SEASON : ANNUAL BANANA														CENTRAL SAMPLE		
Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		No. of Experiments						Rate of application						Experiments not Treated with Fertilizers
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N	P	K	No.	Yield Rate (KG/Ha)			
																Yield Rate (KG/Ha)	Yield Rate (KG/Ha)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
1	Thiruvananthapuram	4	16041.7	0	0	4	2	4	4	16041.7	109.75	16	142	0	0			
2	Kollam	4	15500	0	0	4	2	0	4	15500	125.75	40	0	0	0			
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4	Alappuzha	4	16000	0	0	2	2	0	2	19766.7	33	33	0	2	12233.3			
5	Kottayam	4	16516.7	2	14100	4	4	3	4	16516.7	102.75	75.5	391	0	0			
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7	Ernakulam	4	13093.3	0	0	4	4	3	4	13093.3	183.5	126	214	0	0			
8	Thrissur	6	9017.78	0	0	2	1	2	2	9620	86.5	31	52.5	4	8716.7			
9	Palakkad	6	11525.6	1	11200	4	3	3	4	12438.3	49.25	51.6	90.3	2	9700			
10	Malappuram	6	19337.7	0	0	3	3	3	3	18355.5	104.3	114.6	105.3	3	20320			
11	Kozhikode	4	14133.3	1	15000	4	4	4	4	14133.3	243.2	207.7	359	0	0			
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13	Kannur	4	16900	0	0	4	4	2	4	16900	132	75.7	164.5	0	0			
14	Kasargod	4	9900	0	0	1	1	1	1	12000	120	120	348	3	9200			
	Total	50	14232.53	4	13600	36	30	25	36	15120.4	117.3	81.03	207.4	14	11949.5			

Table 11(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		YEAR : 2014-15		YEAR : 2014-15		SEASON : ANNUAL BANANA		SEASON : ANNUAL BANANA		CENTRAL SAMPLE		CENTRAL SAMPLE	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	4	16041.7	0	0	4	16041.7	0	0	4	16041.7
2	Kollam	0	0	4	15500	0	0	4	15500	0	0	4	15500
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	2	12233.3	4	16000	0	0	2	19766.7	0	0	4	16000
5	Kottayam	0	0	2	18933.3	2	14100	2	18933.3	0	0	4	16516.7
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	0	0	4	13093.3	0	0	4	13093.3	0	0	4	13093.3
8	Thrissur	4	8716.6	6	9017.7	0	0	2	9620	0	0	6	9017.78
9	Palakkad	1	7066.6	4	11405	2	11766.67	3	12851.1	1	12333.3	5	11364
10	Malappuram	2	21446.6	5	19592	1	18066.67	3	18355.6	1	18066.6	5	19592
11	Kozhikode	0	0	3	13844.4	1	15000	3	13844.4	0	0	4	14133.3
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	0	0	4	16900	0	0	4	16900	0	0	4	16900
14	Kasargod	3	9200	4	9900	0	0	1	12000	0	0	4	9900
	Total	12	11407.78	44	14246.06	6	14133.3	32	15310.4	2	15200	48	14192.2

Table 12(i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : Annual

CROP : Tapioca

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	0	0				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	4	4				
9	Palakkad	4	4				
10	Malappuram	4	4				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
Total		40	40				

Table 12(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA YEAR : 2014-15 CENTRAL SAMPLE
 SEASON : Annual CROP : Tapioca

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	0	0				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	4	4				
9	Palakkad	4	4				
10	Malappuram	4	4				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
Total		40	40				

Table 12(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No	District	STATE:KERALA		YEAR:2014-15				SEASON:ANNUAL CROP:TAPIOCA				STATE SAMPLE								
		HY varieties		Other Varieties		Both Hy & Others		Irrigated		Un irrigated		Irrigated		Un irrigated		Total				
		No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha	No.of Experiments	Yield Rate Kg/Ha			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Tvpm	4	0	0	0	0	0	0	0	0	4	9375	4	9375	0	0	4	9375	4	9375
2	Kollam	4	0	0	0	0	1	41500	3	41416.7	4	41437.5	4	41437.5	1	41500	3	41416.7	4	41437.5
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottm	4	0	0	0	0	0	0	0	0	4	33906.3	4	33906.3	0	0	4	33906.3	4	33906.25
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ekm	4	0	0	2	49125	2	49125	2	23500	0	0	2	23500	2	23500	2	49125	4	36312.5
8	Thrs	4	1	25000	0	0	1	25000	0	0	3	11666.7	3	11666.7	1	25000	3	11666.7	4	15000
9	Pakkd	4	0	0	1	17500	1	17500	2	20625	1	31250	3	24166.7	2	20625	2	24375	4	22500
10	Mlp	4	0	0	0	0	0	0	2	30000	2	22500	4	26250	2	30000	2	22500	4	26250
11	Kozhi	4	0	0	0	0	0	0	3	14583	1	78750	4	30625	3	14583.3	1	78750	4	30625
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	0	0	0	0	0	0	2	31250	2	23750	4	27500	2	31250	2	23750	4	27500
14	Ksrgd	4	0	0	0	0	0	0	0	0	4	34375	4	34375	0	0	4	34375	4	34375
	State	40	1	25000	3	38583.3	4	35187.5	12	24667	24	28015.6	36	26899.3	13	24692.3	27	29189.8	40	27728.13

Table 12 (iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No.	District	STATE:KERALA		YEAR: 2014-15				SEASON:ANNUAL TAPIOCA				CENTRAL SAMPLE									
		HY varieties		Other Varieties		Both Hy & Others		Irrigated		Un irrigated		Irrigated		Un irrigated		Total					
		No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	Total	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha	No. of Expts	Yield Rate Kg/Ha			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	Tvpm	4	0	0	1	58750	1	58750	2	66250	1	25000	3	52500	2	66250	2	41875	4	54062.5	
2	Kollam	4	0	0	0	0	0	0	0	0	4	45781.3	4	45781.3	0	0	4	45781.3	4	45781.25	
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Kottim	4	2	35625	1	40000	3	37083.3	0	0	1	16250	1	16250	2	35625	2	28125	4	31875	
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	EkM	4	0	0	0	0	0	0	2	53500	2	25875	4	39687.5	2	53500	2	25875	4	39687.5	
8	Thrs	4	1	97500	1	60000	2	78750	2	15625	0	0	2	15625	3	42916.7	1	60000	4	47187.5	
9	Pakkd	4	1	7000	0	0	1	7000	2	52500	1	23750	3	42916.7	3	37333.3	1	23750	4	33937.5	
10	Mlp	4	3	61000	1	69500	4	63125	0	0	0	0	0	0	3	61000	1	69500	4	63125	
11	Kozhi	4	2	28750	2	28012.5	4	28381.2	0	0	0	0	0	0	2	28750	2	28012.5	4	28381.25	
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Kannur	4	0	0	0	0	0	0	0	0	4	38343.8	4	38343.8	0	0	4	38343.75	4	38343.7	
14	Ksrgd	4	0	0	0	0	0	0	2	37375	2	37500	4	37437.5	2	37375	2	37500	4	37437.5	
	State	40	9	46250	6	47379.17	15	46701.6	10	45050	15	35216.7	25	39150	19	45618.4	21	38691.7	40	41981.8	

Table 12(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP:TAPIOCA STATE SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		Yield Rate (KG/Ha)		Yield Rate (KG/Ha)		No. of Experiments			Rate of application			Yield Rate (KG/Ha)	No.		
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N			P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	9375	0	0	0	0	0	0	0	0	0	0	4	9375
2	Kollam	4	41437.5	0	0	1	1	0	1	18500	10	10	0	3	49083.3
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	33906.25	0	0	3	3	2	3	39791.7	42.33	42.33	105.5	1	16250
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	36312.5	0	0	0	0	0	0	0	0	0	0	4	36312.5
8	Thrissur	4	15000	0	0	0	0	1	1	25000	0	0	294	3	11666.7
9	Palakkad	4	22500	1	31250	2	2	1	2	31250	86.5	52	84	2	13750
10	Malappuram	4	26250	0	0	1	1	0	1	37500	69	39	0	3	22500
11	Kozhikode	4	30625	0	0	1	1	2	2	46250	43	43	65.5	2	15000
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	27500	0	0	1	1	0	1	41250	122	122	0	3	22916.7
14	Kasargod	4	34375	0	0	1	0	0	1	41250	57	0	0	3	32083.3
	State	40	27728.13	1	31250	10	9	6	12	36489.6	61.4	51.39	137.25	28	23973.21

Table 12(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP:TAPIOCA STATE SAMPLE

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate(KG/Ha)	No.	Yield Rate(KG/Ha)	No.	Yield Rate	No.	Yield Rate
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	1	11250	1	11250	3	8750	0	0	3	8750	1	11250
2	Kollam	2	67875	3	51416.7	1	11500	1	18500	1	11500	3	51416.7
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	1	16250	4	33906.3	0	0	3	39791.7	0	0	4	33906.2
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	36312.5	4	36312.5	0	0	0	0	0	0	4	36312.5
8	Thrissur	3	11666.7	4	15000	0	0	1	25000	0	0	4	15000
9	Palakkad	1	10000	2	20625	2	24375	1	31250	1	17500	3	24166.7
10	Malappuram	2	20625	3	26250	1	26250	1	37500	1	26250	3	26250
11	Kozhikode	2	15000	4	30625	0	0	2	46250	0	0	4	30625
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	1	10000	2	25625	2	29375	1	41250	2	29375	2	25625
14	Kasaragod	1	48750	2	45000	2	23750	1	41250	2	23750	2	45000
	State	18	26861.1	29	30693.9	11	19909.09	11	36965.9	10	18775	30	30712.5

Table 12(vi)
CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL TAPIOCA CENTRAL SAMPLE

Sl. No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate	No.	Yield Rate	No. of Experiments			Yield Rate	Rate of application			No.	Yield Rate	
						N	P	K		Exclusive Total	N	P			K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	54062.5	0	0	2	2	2	2	66250	195.5	43	86	2	41875
2	Kollam	4	45781.25	1	27125	2	2	1	2	31562.5	91.5	64	20	2	60000
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	31875	3	37916.7	3	2	3	3	37916.7	179.3	195	186.7	1	13750
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	39687.5	1	66250	1	1	1	1	66250	106	106	106	3	30833.3
8	Thrissur	4	47187.5	0	0	1	1	1	1	60000	74	74	222	3	42916.7
9	Palakkad	4	33937.5	1	11250	2	1	0	2	9125	44.5	6	0	2	58750
10	Malappuram	4	63125	0	0	3	3	3	3	69166.7	189.3	109.3	422	1	45000
11	Kozhikode	4	28381.25	0	0	0	0	0	0	0	0	0	0	4	28381.3
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	kannur	4	38343.7	1	46250	1	1	1	1	46250	43	43	43	3	35708.3
14	Kasargod	4	37437.5	0	0	0	0	0	0	0	0	0	0	4	37437.5
	Total	40	41981.8	7	37803.6	15	13	12	15	47175	115.4	80.04	155.1	25	38866

Table 12(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE : KERALA				YEAR : 2014-15				SEASON : ANNUAL TAPIOCA				CENTRAL SAMPLE			
		Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both					
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)				
1	2	17	18	19	20	21	22	23	24	25	26	27	28				
1	Thiruvananthapuram	1	58750	3	63750	1	25000	2	66250	1	25000	3	63750				
2	Kollam	1	67500	2	51750	2	39812.5	1	36000	1	52500	3	43541.7				
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0				
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0				
5	Kottayam	1	13750	1	13750	3	37916.7	0	0	0	0	4	31875				
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0				
7	Ernakulam	2	34125	2	34125	2	45250	0	0	1	24250	3	44833.3				
8	Thrissur	3	42916.7	4	47187.5	0	0	1	60000	0	0	4	47187.5				
9	Palakkad	1	93750	2	50375	2	17500	1	7000	1	23750	3	37333.3				
10	Malappuram	1	45000	4	63125	0	0	3	69166.7	0	0	4	63125				
11	Kozhikode	4	28381.3	4	28381.3	0	0	0	0	0	0	4	28381.3				
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0				
13	Kannur	3	35708.3	3	35708.3	1	46250	0	0	0	0	4	38343.8				
14	Kasargod	3	39500	3	39500	1	31250	0	0	1	31250	3	39500				
	Total	20	40745	28	44925	12	35114.6	8	55375	5	31350	35	43500.7				

Table 13(i)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : Annual

CROP : Coconut

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	4	4				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	6	6				
9	Palakkad	6	6				
10	Malappuram	6	6				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
	Total	50	50				

Table 13(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA YEAR : 2014-15 CENTRAL SAMPLE

SEASON : Annual CROP : Coconut

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	4	4				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	6	6				
9	Palakkad	6	6				
10	Malappuram	6	6				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
Total		50	50				

Table 13(iii)
ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES
STATE: KERALA **YEAR: 2014-15** **CROP: Coconut** **STATE SAMPLE**

Sl.No	District	No. of expts. Checked at harvest				HY varieties				Other Varieties				Both Hy & Others					
		Irrigated	Un irrigated	Total	No. of Experiments	Irrigated	Un irrigated	Total	No. of Experiments	Irrigated	Un irrigated	Total	No. of Experiments	Irrigated	Un irrigated	Total	No. of Experiments		
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	TvpM	0	0	0	0	0	0	0	0	4	5913.4	4	5913.4	0	0	4	5913.4	4	5913.4
2	Kollam	0	0	0	0	0	0	0	0	4	6940.5	4	6940.5	0	0	4	6940.5	4	6940.5
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alpy	4	0	0	0	0	0	2	6352	2	8389.8	4	7370.7	2	6352	2	8389.8	4	7370.7
5	Kottm	4	0	0	0	0	0	2	6356	2	8560	4	7457.9	2	6356	2	8560	4	7457.9
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ekm	4	0	0	0	0	0	0	0	4	6625.3	4	6625.3	0	0	4	6625.3	4	6625.3
8	Thrs	6	0	0	0	0	0	4	6129	2	3502	6	5253	4	6129	2	3502	6	5253
9	Pakkd	6	0	0	0	0	0	4	5854	2	8366.1	6	6691.3	4	5854	2	8366.1	6	6691.3
10	Mlp	6	0	0	0	0	0	1	7470	5	10607	6	10084.3	1	7470	5	10607	6	10084.3
11	Kozhi	4	0	0	0	0	0	0	0	4	17651.5	4	17651.5	0	0	4	17651.5	4	17651.5
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	0	0	0	0	0	1	17178	3	4830	4	7917	1	17178	3	4830	4	7917
14	Ksrgd	4	0	0	0	0	0	2	13648	2	14667.6	4	14157.6	2	13648	2	14667.6	4	14157.6
	State	0	0	0	0	0	0	16	7831	34	8912.32	50	8566.14	16	7831	34	8912.32	50	8566.14

Table 13(iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

District	STATE:KERALA		YEAR: 2014-15						CENTRAL SAMPLE										
			HY varieties			Other Varieties			Both Hy & Others										
			Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Total				
	No. of expts. Checked at harvest	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	Total			
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Tvpn	4	0	0	0	0	0	0	0	0	4	6129	4	6129	0	0	4	6129	4	6129
Kollam	4	0	0	0	0	0	0	2	18270	2	6930	4	12600	2	18270	2	6930	4	12600
Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alpy	4	0	0	0	0	0	0	0	0	4	9954	4	9954	0	0	4	9954	4	9954
Kottim	4	0	0	0	0	0	0	0	0	4	10272	4	10272	0	0	4	10272	4	10272
Idlukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EkM	4	0	0	0	0	0	0	2	6249	2	6019.2	4	6134.2	2	6249.1	2	6019.2	4	6134.2
Thrs	6	0	0	0	0	0	0	1	11000	5	9418.3	6	9682	1	11000.4	5	9418.3	6	9682
Pakkd	6	0	0	0	0	0	0	1	6446	5	7261.6	6	7125.8	1	6446.4	5	7261.6	6	7125.8
Mlp	6	0	0	0	0	0	0	4	12226	2	6449.6	6	10300.8	4	12226.4	2	6449.6	6	10300.8
Kozhi	4	0	0	0	0	0	0	1	3225	3	12197.7	4	9954.5	1	3225	3	12197.7	4	9954.5
Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kannur	4	0	0	0	0	0	0	3	8498	1	4914	4	7602	3	8498	1	4914	4	7602
Ksrgd	4	0	0	0	0	0	0	2	15361	2	7772.4	4	11566.8	2	15361.2	2	7772.4	4	11566.8
State	50	0	0	0	0	0	0	16	10927	34	8372.6	50	9190.03	16	10927	34	8372.6	50	9190.03

Table 13(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP : Coconut STATE SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers										Experiments not Treated with Fertilizers	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No. of Experiments					Rate of application					No.	Yield Rate (KG/Ha)
						N	P	K	Exclusiv e Total	Yield Rate (KG/Ha)	N	P	K	Yield Rate (KG/Ha)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1	Thiruvananthapuram	4	5913.4	0	0	0	0	0	0	0	0	0	0	4	5913.4		
2	Kollam	4	6940.5	0	0	0	0	0	0	0	0	0	0	4	6940.5		
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	Alappuzha	4	7370.7	0	0	0	0	0	0	0	0	0	0	4	7293.2		
5	Kottayam	4	7457.9	0	0	0	0	0	0	0	0	0	0	4	7457.9		
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	Ernakulam	4	6625.3	0	0	1	1	0	1	3260.4	62.2	62.2	0	3	7746.9		
8	Thrissur	6	5253	0	0	0	0	0	0	0	0	0	0	6	0		
9	Palakkad	6	6691.3	0	0	1	1	1	1	7678.8	50	50	150	5	6493.8		
10	Malappuram	6	10084.3	0	0	3	0	0	3	7547.7	7.2	0	0	3	12620.8		
11	Kozhikode	4	17651.5	0	0	0	0	0	0	0	0	0	0	4	17651.5		
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	Kannur	4	7917	0	0	0	0	0	0	0	0	0	0	4	7917		
14	Kasargod	4	14157.6	0	0	1	1	0	1	13423.2	79	79	0	3	14402.4		
	State	50	8566.14	0	0	6	3	1	6	7834.27	49.6	63.73	150	44	7942.57		

Table 13(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl. No.	District	STATE : KERALA						YEAR : 2014-15						SEASON : ANNUAL						Coconut						STATE SAMPLE													
		Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both		Experiments Treated With Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both		Experiments Treated With Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)		
1	2	17	18	19	20	21	22	23	24	25	26	27	28																										
1	Thiruvananthapuram	1	5538.8	1	5538.8	3	6038.2	0	0	3	6038.2	1	5538.8																										
2	Kollam	2	8778	2	8778	2	5103	0	0	2	5103	2	8778																										
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0																										
4	Alappuzha	0	0	0	0	4	7370.7	0	0	4	7370.7	0	0																										
5	Kottayam	4	7457.9	4	7457.9	0	0	0	0	0	0	0	7457.9																										
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0																										
7	Ernakulam	0	0	1	3260.4	3	7746.9	1	3260.4	3	7746.9	1	3260.4																										
8	Thrissur	5	5380.73	5	5380.73	1	4614.4	0	0	1	4614.4	0	5380.73																										
9	Palakkad	4	6647.85	5	6854.04	1	5877.6	1	5877.6	1	5877.6	1	6854.04																										
10	Malappuram	3	12620.8	6	10084.27	0	0	3	7547.73	0	0	3	10084.27																										
11	Kozhikode	3	18805.3	3	18805.33	1	14190	0	0	1	14190	0	18805.33																										
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0																										
13	Kannur	1	3486	1	3486	3	9394	0	0	3	9394	0	3486																										
14	Kasargod	3	14402.4	4	14157.6	0	0	1	13423.2	0	0	1	14157.6																										
	Total	26	8480.4	32	9199.9	18	7439.4	6	7834.27	18	7439.3	6	9199.9																										

Table 13(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP: Coconut CENTRAL SAMPLE

Sl.No	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.of Experiments			Rate of application			No.	Yield Rate (KG/Ha)		
						N	P	K	Yield Rate (KG/Ha)	N	P			K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	6129	0	0	0	0	0	0	0	0	0	0	4	6129
2	Kollam	4	12600	1	17724	1	0	1	1	17724	9	0	26	3	10892
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	4	9954	0	0	0	0	0	0	0	0	0	0	4	9954
5	Kottayam	4	10272	0	0	0	0	0	0	0	0	0	0	4	10272
6	Idukki	4	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	6134.2	0	0	0	0	0	0	0	0	0	0	4	6134.2
8	Thrissur	4	14523	0	0	0	0	0	0	0	0	0	0	6	9682
9	Palakkad	6	7125.8	0	0	0	0	0	0	0	0	0	0	6	7125.8
10	Malappuram	4	15451.2	0	0	4	3	4	4	12029.2	76.75	28.33	234.25	2	6844
11	Kozhikode	4	9954.5	0	0	0	0	0	0	0	0	0	0	4	9954.5
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	7602	0	0	0	0	0	0	0	0	0	0	4	7602
14	Kasargod	4	11566.8	0	0	0	0	0	0	0	0	0	0	4	11566.8
	Total	50	9190.03	1	17724	5	3	5	5	13168.2	42.8	28.33	130.2	45	8748.01

Table 13(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL Coconut CENTRAL SAMPLE

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	0	0	4	6129	0	0	4	6129	0	0
2	Kollam	3	10892	3	10892	1	17724	0	0	0	0	4	12600
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	4	9954	0	0	4	9954	0	0
5	Kottayam	1	11042.4	1	11042.4	3	10015.2	0	0	3	10015.2	1	11042.4
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	2	4848.8	2	4848.8	2	7419.5	0	0	2	7419.5	2	4848.8
8	Thrissur	1	11000.4	1	11000.4	5	9418.3	0	0	5	9418.3	1	11000.4
9	Palakkad	0	0	0	0	6	7125.8	0	0	6	7125.8	0	0
10	Malappuram	0	0	4	12029.2	2	6844	4	12029.2	2	6844	4	12029.2
11	Kozhikode	2	12319.5	2	12319.5	2	7589.5	0	0	2	7589.5	2	12319.5
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	7602	4	7602	0	0	0	0	0	0	4	7602
14	Kasargod	4	11566.8	4	11566.8	0	0	0	0	0	0	4	11566.8
	Total	17	9748.86	21	10183.21	29	8470.83	4	12029.2	28	8140.36	22	10846.18

Table 14(ii)
CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED
STATE : KERALA **YEAR : 2014-15** **STATE SAMPLE**

SEASON : : Annual **CROP : Pepper**

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	0	0				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	4	4				
9	Palakkad	4	4				
10	Malappuram	4	4				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
	Total	40	40				

Table 14(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

Sl.No.	District	SEASON : Annual		YEAR : 2014-15				CENTRAL SAMPLE	
		Planned	No of experiments Checked at harvest	At post harvest	Lost	Rejected for analysis	For which Schedules are not received	CROP : Pepper	
								5	6
1	2	3	4	5	6	7	8		
1	Thiruvananthapuram	4	4						
2	Kollam	4	4						
3	Pathanamthitta	0	0						
4	Alappuzha	0	0						
5	Kottayam	4	4						
6	Idukki	0	0						
7	Ernakulam	4	4						
8	Thrissur	4	4						
9	Palakkad	4	4						
10	Malappuram	4	4						
11	Kozhikode	4	4						
12	Wayanad	0	0						
13	Kannur	4	4						
14	Kasaragod	4	4						
	Total	40	40						

Table 14(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

Sl.No.	District	No. of expts. Checked at harvest	STATE: KERALA						YEAR: 2014-15						CROP: PEPPER						STATE SAMPLE					
			Irrigated		Un irrigated		Total		Irrigated		Un irrigated		total		Irrigated		Un irrigated		Irrigated		Un irrigated		Total			
			No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21						
1	Tvpm	4	0	0	1	102.66	1	102.66	0	0	3	503.51	3	503.51	0	0	4	403.29	4	403.29	4	403.29	4	403.29		
2	Kollam	4	0	0	0	0	0	0	1	644	3	352.7	4	425.47	1	643.8	3	352.7	4	425.47	4	425.47	4	425.47		
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Kottm	4	0	0	0	0	0	0	1	452	3	213.87	4	273.32	1	451.69	3	213.87	4	273.32	4	273.32	4	273.32		
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	EkM	4	0	0	0	0	0	0	1	152	3	478.09	4	396.6	1	152.15	3	478.09	4	396.6	4	396.6	4	396.6		
8	Thrs	4	0	0	0	0	0	0	4	248	0	0	4	248.21	4	248.21	0	0	4	248.21	4	248.21	4	248.21		
9	Pakkd	4	1	567.5	1	1165.8	2	866.71	1	79.2	1	100.46	2	89.82	2	323.37	2	633.17	4	478.27	4	478.27	4	478.27		
10	Mlp	4	0	0	0	0	0	0	0	0	4	205.31	4	205.31	0	0	4	205.31	4	205.31	4	205.31	4	205.31		
11	Kozhi	4	0	0	4	546.65	4	546.65	0	0	0	0	0	0	0	0	4	546.65	4	546.65	4	546.65	4	546.65		
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	Kannur	4	0	0	1	934.17	1	934.17	0	0	3	121.97	3	121.97	0	0	4	325.02	4	325.02	4	325.02	4	325.02		
14	Ksrkd	4	1	1488.5	0	0	1	1488.5	0	0	3	996.5	3	996.5	1	1488.52	3	996.5	4	1119.5	4	1119.5	4	1119.5		
	State	40	2	1028.03	7	627.04	9	716.15	8	290	23	387.89	31	362.62	10	437.57	30	443.7	40	442.16	40	442.16	40	442.16		

Table 14(Iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

STATE:KERALA YEAR: 2014-15 SEASON: ANNUAL PEPPER CENTRAL SAMPLE

Sl.No	District	No. of expts. Checked at harvest				HY varieties						Other Varieties						Both Hy & Others							
		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Irrigated		Un irrigated		Total			
		No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
1	Tvpm	4	1	1382.2	0	0	1	1382.2	0	0	3	663.84	3	663.84	1	1382.2	3	663.84	4	843.43					
2	Kollam	4	0	0	0	0	0	0	0	0	4	370.66	4	370.66	0	0	4	370.66	4	370.66					
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
5	Kottm	4	0	0	2	768.46	2	768.46	0	0	2	351.6	2	351.6	0	0	4	560.03	4	560.03					
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
7	EkM	4	0	0	0	0	0	0	1	304	3	197.74	4	224.38	1	304.3	3	197.74	4	224.38					
8	Thrs	4	1	318.45	1	52.79	2	185.62	2	258	0	0	2	258.4	3	278.42	1	52.79	4	222.01					
9	Pakkd	4	1	232.44	1	194.31	2	213.38	0	0	2	398.89	2	398.89	1	232.44	3	330.7	4	306.14					
10	Mlp	4	1	619.75	1	378.83	2	499.79	0	0	2	370.15	2	370.15	1	619.75	3	373.38	4	434.97					
11	Kozhi	4	0	0	0	0	0	0	1	699	3	514.75	4	560.76	1	698.8	3	514.75	4	560.76					
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
13	Kannur	4	0	0	0	0	0	0	1	493	3	935.64	4	825.1	1	493.48	3	935.64	4	825.1					
14	Ksrgd	4	0	0	0	0	0	0	4	671	0	0	4	670.57	4	670.57	0	0	4	670.57					
	State	40	4	638.21	5	432.77	9	524.08	9	522	22	484.54	31	495.34	13	557.58	27	474.95	40	501.8					

Table 14(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP:PEPPER STATE SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		Yield Rate(KG/Ha)		Yield Rate (KG/Ha)		No.of Experiments			Rate of application			Yield Rate (KG/Ha)	No.		
		No.	Yield	No.	Yield Rate (KG/Ha)	N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N			P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	403.29	0	0	0	0	0	0	0	0	0	0	4	403.29
2	Kollam	4	425.47	0	0	0	0	0	0	0	0	0	0	4	292.38
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	273.32	0	0	0	0	0	0	0	0	0	0	4	273.32
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	396.6	0	0	0	0	0	0	0	0	0	0	4	396.6
8	Thrissur	4	248.21	0	0	0	0	0	0	0	0	0	0	4	248.2
9	Palakkad	4	478.27	0	0	0	0	0	0	0	0	0	0	4	478.26
10	Malappuram	4	205.31	0	0	0	0	0	0	0	0	0	0	4	205.31
11	Kozhikode	4	546.65	0	0	0	0	0	0	0	0	0	0	4	546.64
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	325.02	0	0	0	0	0	0	0	0	0	0	4	325.01
14	Kasargod	4	1119.5	0	0	1	0	0	1	1488.52	12	0	0	3	996.5
	State	40	442.17	0	0	1	0	0	1	1488.52	12	0	0	39	401.69

Table 14(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	STATE : KERALA		YEAR : 2014-15		SEASON : ANNUAL		CROP:PEPPER		STATE SAMPLE			
		Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Treated With Fertilizers & Manure			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	2	639.76	2	639.76	2	166.81	0	0	2	166.81	2	639.76
2	Kollam	2	324.83	2	324.83	2	259.94	0	0	2	259.94	2	324.83
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	273.32	4	273.32	0	0	0	0	0	0	4	273.32
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	1	1182.01	1	1182.01	3	134.79	0	0	3	134.79	1	1182.01
8	Thrissur	3	273.75	3	273.75	1	171.58	0	0	1	171.58	3	273.75
9	Palakkad	3	611.29	3	611.29	1	79.19	0	0	1	79.19	3	611.29
10	Malappuram	0	0	0	0	4	205.31	0	0	4	205.31	0	0
11	Kozhikode	2	553.97	2	553.97	2	539.31	0	0	2	539.31	2	553.97
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	2	83.59	2	83.59	2	566.44	0	0	2	566.44	2	83.59
14	Kasaragod	3	996.5	4	1119.50	0	0	1	1488.52	0	0	4	1119.51
	State	22	505.65	23	548.38	17	267.14	1	1488.52	17	267.14	23	548.38

Table 14(vi)
CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS
STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL PEPPER CENTRAL SAMPLE

Sl. No	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers										Experiments not Treated with Fertilizers	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No. of Experiments					Rate of application					No.	Yield Rate (KG/Ha)
						N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N	P	K				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1	Thiruvananthapuram	4	843.43	1	1382	1	1	1	1	1382.19	4	2	8	3	663.84		
2	Kollam	4	370.66	0	0	0	0	0	0	0	0	0	0	4	370.66		
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Kottayam	4	560.03	0	0	0	0	0	0	0	0	0	0	4	560.02		
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	Ernakulam	4	224.38	0	0	0	0	0	0	0	0	0	0	4	224.37		
8	Thrissur	4	222.01	0	0	0	0	0	0	0	0	0	0	4	222.01		
9	Palakkad	4	306.14	0	0	0	0	0	0	0	0	0	0	4	306.13		
10	Malappuram	4	434.97	0	0	0	0	0	0	0	0	0	0	4	434.97		
11	Kozhikode	4	560.76	0	0	0	0	0	0	0	0	0	0	4	560.76		
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	Kannur	4	825.1	0	0	0	0	1	1	493.48	0	0	60	3	935.64		
14	Kasargod	4	670.57	0	0	0	0	0	0	0	0	0	0	4	670.56		
	Total	40	501.8	1	1382	1	1	2	2	937.84	4	2	34	38	478.86		

Table 14(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL PEPPER CENTRAL SAMPLE

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	0	0	4	843.43	0	0	3	663.84	1	1382.19
2	Kollam	1	692.93	1	692.93	3	263.24	0	0	3	263.24	1	692.93
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	1	362.96	1	362.96	3	625.71	0	0	3	625.71	1	362.96
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	1	220.71	1	220.71	3	225.6	0	0	3	225.6	1	220.71
8	Thrissur	3	278.41	3	278.41	1	52.79	0	0	1	52.79	3	278.41
9	Palakkad	0	0	0	0	4	306.13	0	0	4	306.13	0	0
10	Malappuram	2	627.37	2	627.37	2	242.56	0	0	2	242.56	2	627.37
11	Kozhikode	4	560.76	4	560.76	0	0	0	0	0	0	4	560.76
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	1	445.08	2	469.28	2	1180.91	1	493.48	2	1180.91	2	469.28
14	Kasargod	4	670.56	4	670.56	0	0	0	0	0	0	4	670.56
	Total	17	513.94	18	512.81	22	492.8	1	493.48	21	450.45	19	558.56

Table 15(j)
CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

STATE SAMPLE

SEASON : Annual

CROP : Arecanut

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	0	0				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	4	4				
9	Palakkad	4	4				
10	Malappuram	4	4				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasargod	4	4				
	Total	40	40				

Table 15(ii)

CROP-WISE NUMBER OF EXPERIMENTS PLANNED FOR CHECK AT HARVEST AND THE RESPONSE ACHIEVED

STATE : KERALA

YEAR : 2014-15

CENTRAL SAMPLE

SEASON : Annual

CROP : Arecanut

Sl.No.	District	No of experiments		At post harvest	Lost	Rejected for analysis	For which Schedules are not received
		Planned	Checked at harvest				
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	4	4				
2	Kollam	4	4				
3	Pathanamthitta	0	0				
4	Alappuzha	0	0				
5	Kottayam	4	4				
6	Idukki	0	0				
7	Ernakulam	4	4				
8	Thrissur	4	4				
9	Palakkad	4	4				
10	Malappuram	4	4				
11	Kozhikode	4	4				
12	Wayanad	0	0				
13	Kannur	4	4				
14	Kasaragod	4	4				
	Total	40	40				

Table 15(iii)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

STATE : KERALA
YEAR :2014-

15

CROP: ARECANUT

STATE SAMPLE

Sl.No	Dist	No. of expts. Checked at harvest		HY varieties						Other Varieties						Both Hy & Others							
		Irrigated		Un irrigated		Total		Irrigated		Un irrigated		total		Irrigated		Un irrigated		Irrigated		Un irrigated		Total	
		No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1	Tvpm	4	0	0	2	1511.87	2	1511.87	0	0	2	1454.8	2	1454.8	0	0	4	1483.34	4	1483.34	4	1483.34	
2	Kollam	4	0	0	0	0	0	0	0	0	4	924.8	4	924.8	0	0	4	924.83	4	924.83	4	924.83	
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Kottm	4	0	0	0	0	0	0	0	0	4	560.25	4	560.25	0	0	4	560.25	4	560.25	4	560.25	
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Ekrm	4	0	0	0	0	0	0	0	0	4	768.08	4	768.08	0	0	4	768.08	4	768.08	4	768.08	
8	Thrs	4	0	0	0	0	0	0	3	1010	1	414.14	4	860.74	3	1009.6	1	414.14	4	860.74	4	860.74	
9	Pakkd	4	1	965.43	0	0	1	965.43	3	591	0	0	3	590.6	4	684.32	0	0	4	684.32	4	684.32	
10	Mlp	4	0	0	0	0	0	0	3	981	1	400.82	4	836.1	3	981.26	1	400.82	4	836.15	4	836.15	
11	Kozhi	4	0	0	0	0	0	0	1	712	3	2553.2	4	2092.8	1	711.5	3	2553.2	4	2092.8	4	2092.8	
12	Wynd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Kannur	4	0	0	0	0	0	0	0	0	4	833.7	4	833.7	0	0	4	833.67	4	833.67	4	833.67	
14	Ksrgd	4	0	0	0	0	0	0	4	4149	0	0	4	4148.9	4	4148.91	0	0	4	4148.91	4	4148.91	
	State	40	1	965.43	2	1511.87	3	1329.72	14	1789	23	1031.8	37	1318.47	15	1734.47	25	1070.22	40	1319.31	40	1319.31	

Table 15(iv)

ESTIMATED YIELD RATES OF HIGH YIELDING AND OTHER VARIETIES OF CROPS FOR IRRIGATED AND UNIRRIGATED CATEGORIES

STATE : KERALA		YEAR :2014-15		CROP: ARECANUT		CENTRAL SAMPLE														
Sl.No.	District	HY varieties				Other Varieties				Both Hy & Others										
		No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha	No. of Experiments	Yield Rate Kg/Ha					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Tvpm	4	0	0	0	0	0	0	0	0	4	1117.26	4	1117.26	0	0	4	1117.26	4	1117.26
2	Kollam	4	1	1519.37	0	0	1	1519.37	1	451	2	2281.33	3	1671.23	2	985.2	2	2281.33	4	1633.26
3	Path	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alpy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottrm	4	0	0	0	0	0	0	0	0	4	560.25	4	560.25	0	0	4	560.25	4	560.25
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ekm	4	0	0	0	0	0	0	0	0	4	1550.96	4	1550.96	0	0	4	1550.96	4	1550.96
8	Thrs	4	0	0	0	0	0	0	3	1060	1	940.21	4	1030.37	3	1060.42	1	940.21	4	1030.37
9	Pakkd	4	0	0	0	0	0	0	4	488	0	0	4	487.9	4	487.9	0	0	4	487.9
10	Mlp	4	0	0	0	0	0	0	2	1868	2	1250.22	4	1558.99	2	1867.76	2	1250.22	4	1558.99
11	Kozhi	4	0	0	0	0	0	0	1	3355	3	1124.55	4	1682.28	1	3355.48	3	1124.55	4	1682.28
12	Wyd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	0	0	0	0	0	0	0	0	4	1337.01	4	1337.01	0	0	4	1337.01	4	1337.01
14	Ksrgd	4	0	0	0	0	0	0	4	5131	0	0	4	5130.63	4	5130.63	0	0	4	5130.63
	State	40	1	1519.37	0	0	1	1519.37	15	2213	24	1234.95	9	1611.19	16	2169.8	24	1234.95	40	1608.89

Table 15(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP: ARECANUT STATE SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No. of Experiments			Rate of application			No.	Yield Rate (KG/Ha)		
						N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N			P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	1483.34	0	0	1	0	0	1	134.32	0	0	0	3	1664.35
2	Kollam	4	924.83	0	0	0	0	0	0	0	0	0	0	4	924.83
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	560.25	0	0	0	0	0	0	0	0	0	0	4	560.25
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	768.08	0	0	0	0	0	0	0	0	0	0	4	768.08
8	Thrissur	4	860.74	0	0	1	0	0	1	1629.7	184	0	0	3	604.42
9	Palakkad	4	684.32	0	0	1	1	0	1	1126.71	200	200	0	3	536.86
10	Malappuram	4	836.15	0	0	1	0	1	1	880.86	46	0	25	3	821.24
11	Kozhikode	4	2092.8	0	0	0	0	0	0	0	0	0	0	4	2092.8
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	833.67	0	0	0	0	0	0	0	0	0	0	4	833.67
14	Kasargod	4	4148.91	0	0	1	1	1	1	4420.43	90	90	90	3	4058.40
	State	40	1319.31	0	0	5	2	2	5	1638.41	127	145	57.5	35	1250.7

Table 15(v)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP:ARECANUT STATE SAMPLE

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Not Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	1	920.29	3	1664.35	1	940.29	3	1664.35	1	940.29
2	Kollam	0	0	0	0	4	924.83	0	0	4	924.83	0	0
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	1	1409.27	1	1409.27	3	277.24	0	0	3	277.24	1	1409.27
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	2	637.07	2	637.07	2	899.09	0	0	2	899.09	2	637.07
8	Thrissur	2	699.56	3	1009.60	1	414.14	1	1629.7	1	414.14	3	1009.6
9	Palakkad	3	536.86	4	684.32	0	0	1	1126.72	0	0	4	684.32
10	Malappuram	3	821.24	4	836.15	0	0	1	880.86	0	0	4	836.15
11	Kozhikode	1	2958.22	1	2958.22	3	1804.32	0	0	2	2350.73	2	2806.09
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	1	1388.10	1	1388.10	3	648.86	0	0	3	648.86	1	1388.1
14	Kasargod	2	4110.88	3	4214.06	1	3953.46	1	4420.44	1	3953.46	3	4214.06
	State	15	1381.66	20	1486.15	20	1152.47	5	1799.6	19	1015.36	21	1471.68

Table 15(vi)

CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

STATE : KERALA YEAR : 2014-15 SEASON : ANNUAL CROP:ARECANUT CENTRAL SAMPLE

Sl.No.	District	Experiments Checked at harvest Stage		Experiments Treated with Fertilizers Only		Experiments With Fertilizers						Experiments not Treated with Fertilizers			
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No. of Experiments			Rate of application			No.	Yield Rate (KG/Ha)		
						N	P	K	Exclusive Total	Yield Rate (KG/Ha)	N			P	K
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Thiruvananthapuram	4	1117.26	0	0	0	0	0	0	0	0	0	0	4	1117.26
2	Kollam	4	1633.26	0	0	0	0	0	0	0	0	0	0	4	1633.26
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	4	560.25	0	0	0	0	0	0	0	0	0	0	4	560.25
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	4	1550.96	0	0	0	0	0	0	0	0	0	0	4	1550.96
8	Thrissur	4	1030.37	0	0	0	0	0	0	0	0	0	0	4	1030.37
9	Palakkad	4	487.9	0	0	0	0	0	0	0	0	0	0	4	487.9
10	Malappuram	4	1558.99	0	0	2	2	2	2	1867.76	96	96	191.5	2	1250.22
11	Kozhikode	4	1682.28	0	0	0	0	0	0	0	0	0	0	4	1682.28
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	4	1337.01	0	0	0	0	0	0	0	0	0	0	4	1337.01
14	Kasargod	4	5130.63	0	0	0	0	0	0	0	0	0	0	4	5130.63
	Total	40	1608.89	0	0	2	2	2	2	1867.76	96	96	191.5	38	1595.27

Table 15(vi)
CROP WISE RATE OF APPLICATION OF FERTILIZERS AND DIFFERENTIAL YIELD RATES ACCORDING TO INPUTS

Sl.No.	District	Experiments Treated with Manure Only		Experiments Treated With Manure		Experiments Treated With Manures		Experiments Treated (both) With Fertilizers & Manure		Experiments Not Treated With Fertilizers & Manure		Experiments Treated With Fertilizers or Manure or Both	
		YEAR : 2014-15		SEASON : ANNUAL		CROP: ARECANUT		CENTRAL SAMPLE					
		No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)	No.	Yield Rate (KG/Ha)
1	2	17	18	19	20	21	22	23	24	25	26	27	28
1	Thiruvananthapuram	0	0	0	0	4	1117.25	0	0	4	1117.25	0	0
2	Kollam	2	985.19	2	985.19	2	2281.32	0	0	2	2281.32	2	985.19
3	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
4	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
5	Kottayam	1	1409.27	1	1409.27	3	277.24	0	0	3	277.24	1	1409.27
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Ernakulam	0	0	0	0	4	1550.95	0	0	4	1550.95	0	0
8	Thrissur	1	940.21	1	940.21	3	1060.42	0	0	3	1060.42	1	940.21
9	Palakkad	2	501.14	2	501.14	2	474.64	0	0	2	474.64	2	501.14
10	Malappuram	2	1250.22	4	1558.98	0	0	2	1867.76	0	0	4	1558.98
11	Kozhikode	2	2336.29	2	2336.29	2	1028.27	0	0	2	1028.27	2	2336.29
12	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
13	Kannur	3	1587.75	3	1587.75	1	584.78	0	0	1	584.78	3	1587.75
14	Kasargod	3	5360.14	3	5360.14	1	4442.08	0	0	1	4442.08	3	5360.14
	Total	16	2083.68	18	2059.69	22	1240.06	2	1867.76	22	1240.06	18	2059.69

Table 16(i)
State Wise Position of Supply and Use of Equipments

State : Kerala

Year : 2014-15

Crop	AGENCY	Item of equipment	No of equipments supervised (harvest & post harvest) for which equipments was											Total of columns 8,13 &14				
			Supplied					Not supplied					Information about supply not available					
			And used		But used locally procured one		But not used though required	But not required to be used	Total	Used locally procured one		And also not used though required			As not required	Total		
			Standard	Non standard	Standard	Non standard				Standard	Non standard							
Paddy (Autumn)	C	Tape	91	5	0	0	0	0	0	96	4	0	0	0	4	0	100	
		Balance	78	14	0	0	0	0	0	92	8	0	0	0	8	0	100	
		Weight	60	14	0	0	0	0	0	74	8	0	6	12	26	0	100	
		Pegs	32	23	3	0	0	1	0	59	41	0	0	0	41	0	100	
		Tape	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100
Paddy (Winter)	C	Balance	94	6	0	0	0	0	0	100	0	0	0	0	0	0	0	100
		Weight	81	6	0	0	0	13	0	100	0	0	0	0	0	0	0	100
		Pegs	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100
		Tape	82	14	0	0	0	0	0	96	4	0	0	0	4	0	0	100
		Balance	88	12	0	0	0	0	0	100	0	0	0	0	0	0	0	100
Paddy (Summer)	C	Weight	51	15	0	2	2	4	72	0	0	0	28	28	0	0	0	100
		Pegs	27	35	5	0	0	0	0	67	32	1	0	0	33	0	0	100
		Tape	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100
		Balance	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100
		Weight	62	0	0	0	0	38	0	100	0	0	0	0	0	0	0	100
Paddy (Summer)	S	Pegs	100	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100
		Tape	83	7	2	0	0	0	0	92	8	0	0	0	8	0	0	100
		Balance	82	10	0	1	1	1	0	94	0	0	0	6	6	0	0	100
		Weight	51	8	0	1	1	0	0	60	0	0	0	40	40	0	0	100
		Pegs	22	19	7	0	0	0	0	48	47	5	0	0	52	0	0	100
Paddy (Summer)	S	Tape	100	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100
		Balance	100	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100
		Weight	72	0	0	0	0	28	0	100	0	0	0	0	0	0	0	100
		Pegs	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100
		Tape	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	100

Table 16(ii)
State Wise Position of Supply and Use of Equipments
Year : 2014-15

Crop	AGENCY	Item of equipment	No of equipments supervised (harvest & post harvest) for which equipments was													Total of columns 8,13 &14
			Supplied						Not supplied						Information about supply not available	
			And used		But used locally procured one		But not used through required	But not required to be used	Total	Used locally procured one		And also not used through required	As not required	Total		
			Standard	Non standard	Standard	Non standard				Standard	Non standard					
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Tape	35	0	0	0	2	37	3	0	0	0	3	0	40	
		Balance	35	2	0	0	0	37	2	0	0	1	3	0	40	
C		Weight	24	3	0	0	1	28	2	0	0	10	12	0	40	
		Pegs	7	15	0	0	1	23	12	3	0	2	17	0	40	
		Tape	35	0	0	0	2	37	3	0	0	0	3	0	40	
S		Balance	37	0	0	0	0	37	2	0	0	1	3	0	40	
		Weight	34	0	0	0	0	34	2	0	0	4	6	0	40	
		Pegs	25	4	0	0	0	29	9	0	0	2	11	0	40	
Banana		Tape	2	0	0	0	41	43	0	0	0	7	7	0	50	
		Balance	35	12	0	0	0	47	3	0	0	0	3	0	50	
		Weight	25	8	0	0	2	35	3	0	0	12	15	0	50	
S		Pegs	0	0	0	0	37	37	0	0	0	13	13	0	50	
		Tape	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Balance	50	0	0	0	0	50	0	0	0	0	0	0	50	
Coconut		Weight	40	0	0	0	10	50	0	0	0	0	0	0	50	
		Pegs	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Tape	0	0	0	0	48	48	0	0	2	2	2	0	50	
C		Balance	0	0	0	0	48	48	0	0	2	0	2	0	50	
		Weight	0	0	0	0	40	40	0	0	10	0	10	0	50	
		Pegs	0	0	0	0	40	40	0	0	10	0	10	0	50	
S		Tape	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Balance	8	0	0	0	42	50	0	0	0	0	0	0	50	
		Weight	8	0	0	0	42	50	0	0	0	0	0	0	50	
S		Pegs	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Tape	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Balance	8	0	0	0	42	50	0	0	0	0	0	0	50	
S		Weight	8	0	0	0	42	50	0	0	0	0	0	0	50	
		Pegs	0	0	0	0	50	50	0	0	0	0	0	0	50	
		Tape	0	0	0	0	50	50	0	0	0	0	0	0	50	

Table 16(iii)
State Wise Position of Supply and Use of Equipments
State : Kerala **Year : 2014-15**

Crop	AGENCY	Item of equipment	No of experiments supervised (harvest & post harvest) for which equipments was												Total of columns 8,13 &14	
			Supplied						Not supplied							Information about supply not available
			And used	But used locally procured one		But not used though required	But not required to be used	Total	Used locally procured one		And also not used though required	As not required	Total			
	Standard	Non standard				Standard	Non standard									
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		Tape	3	0	0	0	0	33	36	0	0	0	4	4	0	40
		Balance	33	5	0	0	0	0	38	2	0	0	0	2	0	40
		Weight	24	5	0	0	0	2	31	2	0	0	7	9	0	40
Pepper		Pegs	1	0	0	0	33	34	0	0	2	4	6	0	40	
		Tape	0	0	0	0	40	0	40	0	0	0	0	0	0	40
		Balance	40	0	0	0	0	0	40	0	0	0	0	0	0	40
		Weight	24	0	0	0	0	16	40	0	0	0	0	0	0	40
		Pegs	0	0	0	0	40	40	0	0	0	0	0	0	0	40
		Tape	2	0	0	0	30	0	32	0	0	0	8	8	0	40
		Balance	30	4	0	0	2	0	36	4	0	0	0	4	0	40
		Weight	24	4	0	0	0	0	28	4	0	0	8	12	0	40
Areca nut		Pegs	0	0	0	0	26	26	0	0	0	14	14	0	40	
		Tape	0	0	0	4	36	0	40	0	0	0	0	0	0	40
		Balance	40	0	0	0	0	0	40	0	0	0	0	0	0	40
		Weight	28	0	0	0	12	0	40	0	0	0	0	0	0	40
		Pegs	0	0	0	4	36	40	0	0	0	0	0	0	0	40

Table 17(i)
Yield Rates(Kg/Ha) of Rice Under GCES and ICS 2014-15

Sl.No.	District	Autumn			Winter			Summer		
		GCES	ICS		GCES	ICS		GCES	ICS	
			State Sample	Central Sample		State Sample	Central Sample		State Sample	Central Sample
1	Thiruvananthapuram	2687	2348.24	2878.94	2631	1830.89	2320.62	2636	2205.51	2508.13
2	Kollam	2516	2383.10	2231.65	2318	1962.01	2018.02	2000	0	2104.02
3	Pathanamthitta	1514	1271.95	1820.04	2761	3582.51	1543.37	2982	2744.85	1725.44
4	Alappuzha	2568	1208.98	1356.19	3031	1531.39	2382.20	3241	2630.22	2794.39
5	Kottayam	2837	3054.22	2243.51	2741	2686.82	2743.92	2902	3255.4	2818.46
6	Idukki	2315	2425.51	2327.35	2623	2789.26	2748.32	2697	2354.29	2095.32
7	Eranakulam	1950	2110.87	1937.79	2231	2177.79	2121.58	2197	1653.5	1684.94
8	Thrissur	2193	2259.17	1631.77	3015	2550.84	3428.5	3705	3362.42	3345.21
9	Palakkad	2547	2808.75	2175.26	3088	3471.04	2947.63	3312	2138.83	2032.00
10	Malappuram	2065	2355.6	2165.72	2293	2073.58	2593.58	3906	2226.9	4385.54
11	Kozhikode	1000	1331.45	784.60	1216	1862.96	1141.36	2330	1357.42	1037.29
12	Wayanad	0	0	0	2696	2381.10	2602.9	2737	2224.77	3281.38
13	Kannur	2238	2064.58	1953.93	2270	1307.84	2169.67	2273	1100.31	2613.36
14	Kasargod	2371	1932.80	2469.61	2101	1236.68	2392.3	2287	1806.63	2363.51
	State	2524	2147.75	1941.91	2859	2232.77	2420.07	3235	2255.55	2576.66

Table 17(ii)

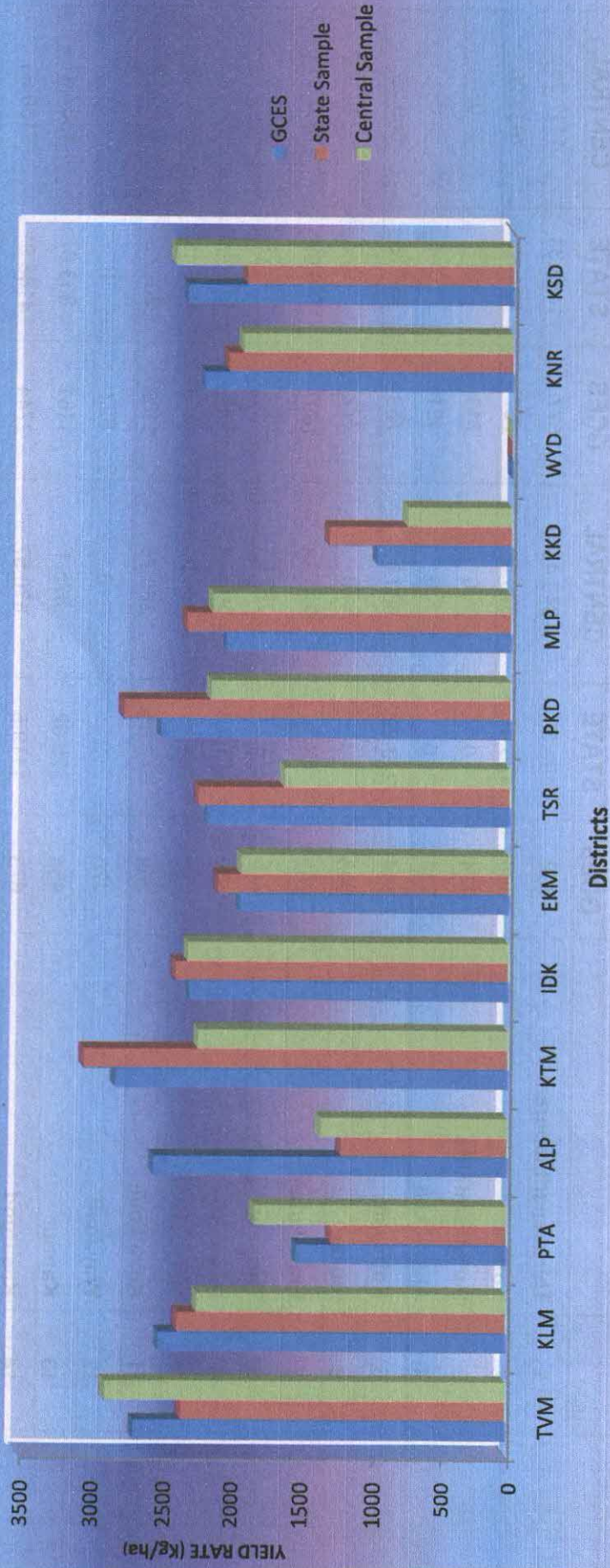
Yield Rate(Kg/Ha) of Important Crops Under GCES and ICS 2014-15

Sl.No.	DISTRICT	TAPIOCA			BANANA			COCONUT		
		GCES	STATE	CENTRAL	GCES	STATE	CENTRAL	GCES	STATE	CENTRAL
1	Thiruvananthapuram	37222	9375	54062.5	6869	11900	16041.67	9100	5913.35	6129
2	Kollam	38854	41437.5	45781.25	6972	16100	15500	7391	6940.5	12600
3	Pathanamthitta	43581	0	0	7833	0	0	5822	0	0
4	Alappuzha	32897	0	0	8296	14801.67	16000	6200	7370.7	9954
5	Kottayam	38895	33906.25	31875	8468	12716.67	16516.67	5277	7457.9	10272
6	Idukki	45208	0	0	9194	0	0	4503	0	0
7	Eranakulam	42581	36312.5	39687.5	9167	10283.33	13093.33	4853	6625.3	6134.15
8	Thrissur	44926	15000	47187.5	8263	12111.11	9017.78	5828	5253	9682
9	Palakkad	29887	22500	33937.5	9402	13722.22	11525.56	7283	6691.3	7125.8
10	Malappuram	35397	26250	63125	8326	13153.33	19337.78	8998	10084.27	10300.8
11	Kozhikode	29453	30625	28381.25	7934	16050	14133.33	8134	17651.5	9954.5
12	Wayanad	42883	0	0	9356	0	0	5714	0	0
13	Kannur	40376	27500	38343.75	8526	14083.33	16900	6212	7917	7602
14	Kasargod	31298	34375	37437.5	7353	21600	9900	11052	14157.6	11566.8
	State	38996	27728.13	41981.88	8806	14081.2	14232.53	7491	8566.14	9190.03

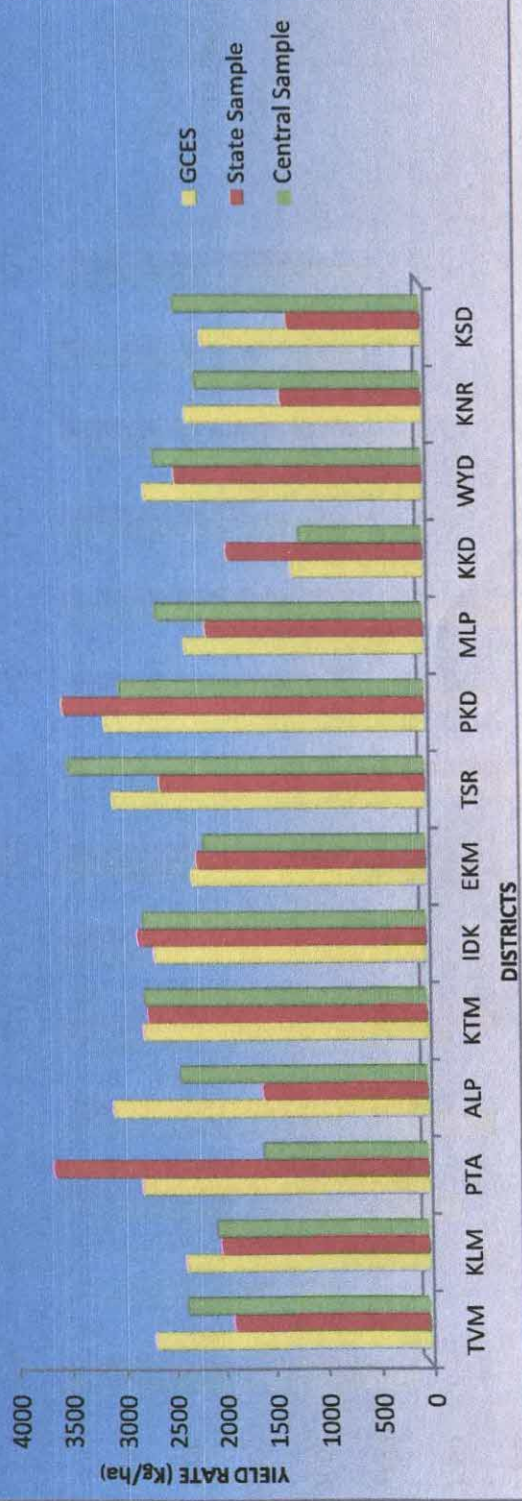
Table 17(iii)
Yield Rate(Kg/Ha) of Important Crops Under GCES and ICS 2014-15

SI.No.	DISTRICT	PEPPER			ARECANUT		
		GCES	STATE	CENTRAL	GCES	STATE	CENTRAL
1	Thiruvananthapuram	382	403.29	843.43	577	1483.34	1117.26
2	Kollam	368	425.47	370.66	757	924.83	1633.26
3	Pathanamthitta	424	0	0	711	0	0
4	Alappuzha	239	0	0	481	0	0
5	Kottayam	344	273.32	560.03	769	560.25	560.25
6	Idukki	545	0	0	772	0	0
7	Eranakulam	282	396.6	224.38	1097	768.08	1550.96
8	Thrissur	279	248.21	222.01	765	860.74	1030.37
9	Palakkad	360	478.27	306.14	945	684.32	487.9
10	Malappuram	223	205.31	434.97	1203	836.15	1558.99
11	Kozhikode	308	546.65	560.76	1132	2092.8	1682.28
12	Wayanad	476	0	0	523	0	0
13	Kannur	464	325.02	825.1	1161	833.67	1337.01
14	Kasargod	673	1119.5	670.57	2744	4148.91	5130.63
	State	476	442.16	501.8	1302	1319.31	1608.89

**CHART 1: TREND OF YIELD RATES UNDER ICS AND GCES
AUTUMN RICE YIELD RATE 2014-2015**



**CHART 2: TREND OF YIELD RATES UNDER ICS AND GCES
WINTER RICE YIELD RATE 2014-15**



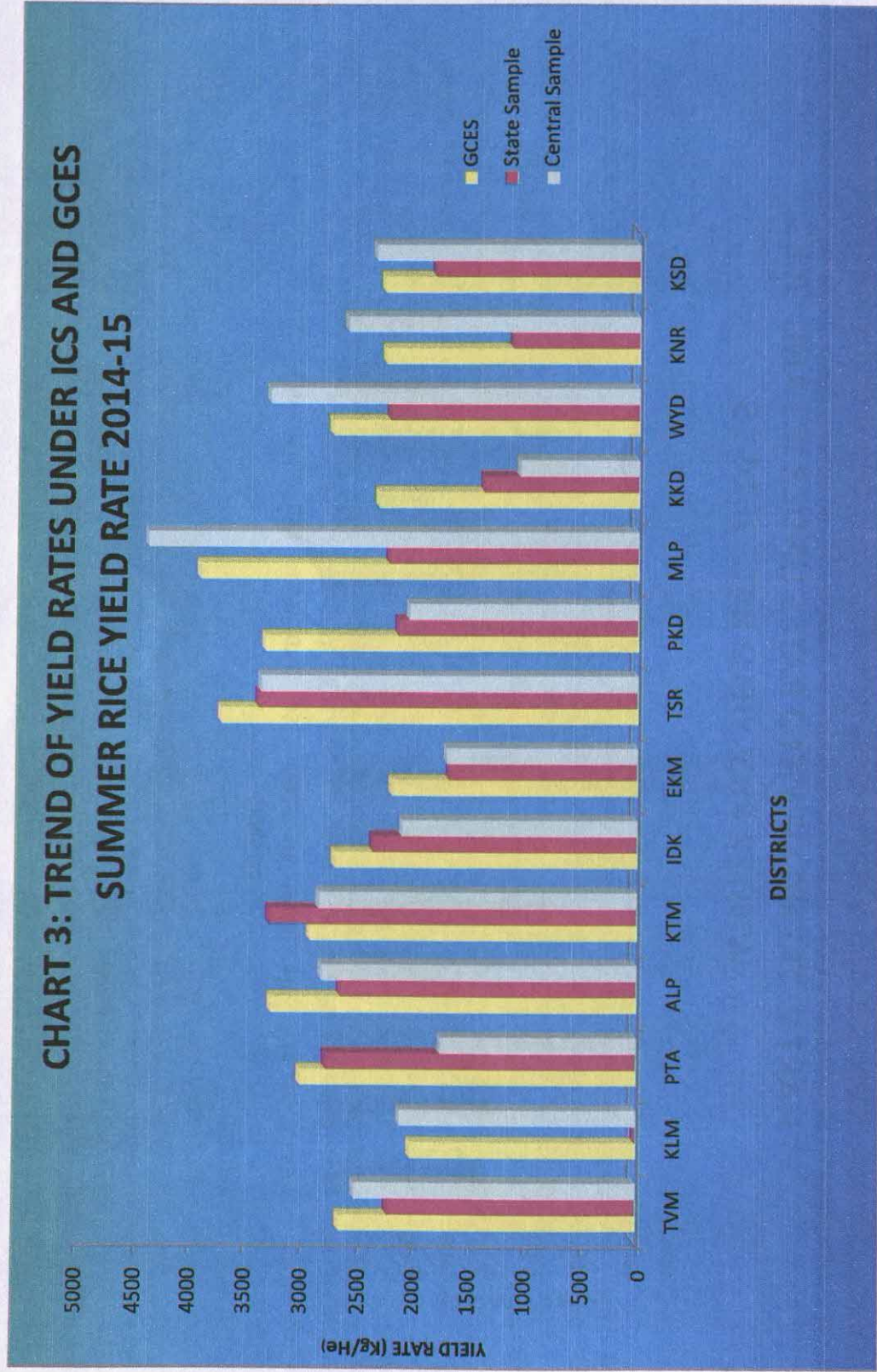


CHART 4: SEASON WISE YIELD RATE UNDER GCES AND ICS FOR RICE 2014-15

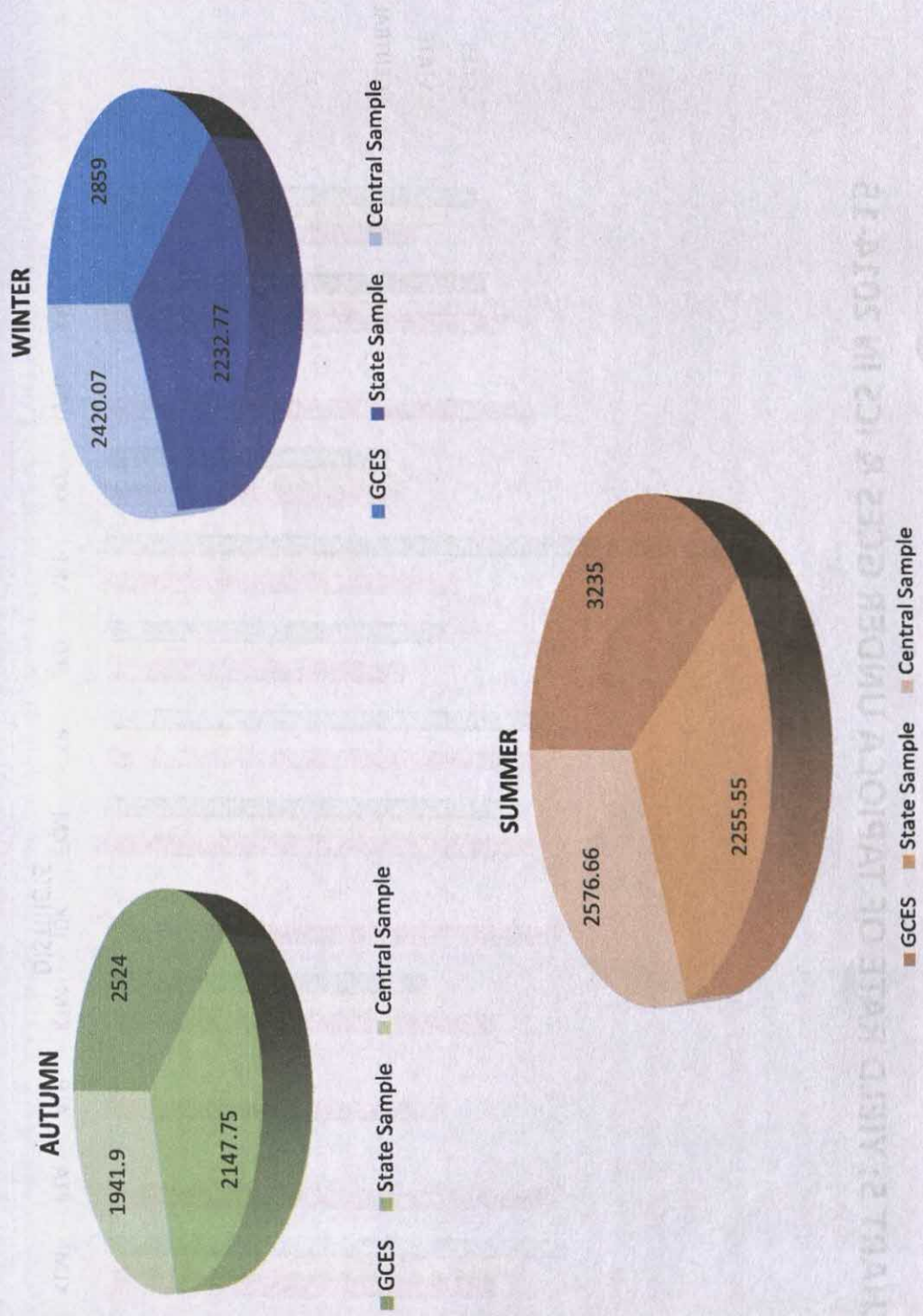


CHART 5: YIELD RATE OF TAPIOCA UNDER GCES & ICS IN 2014-15

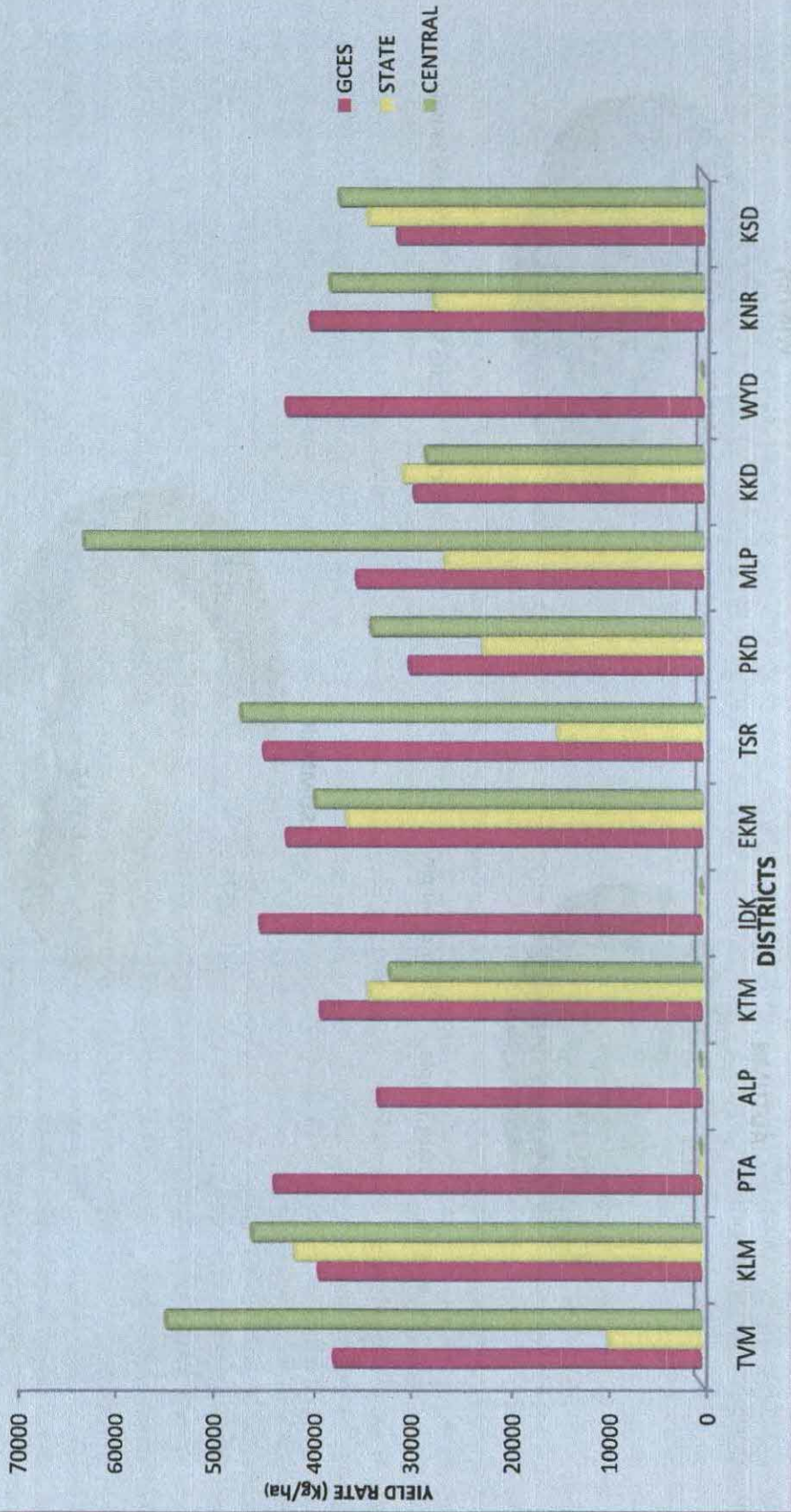
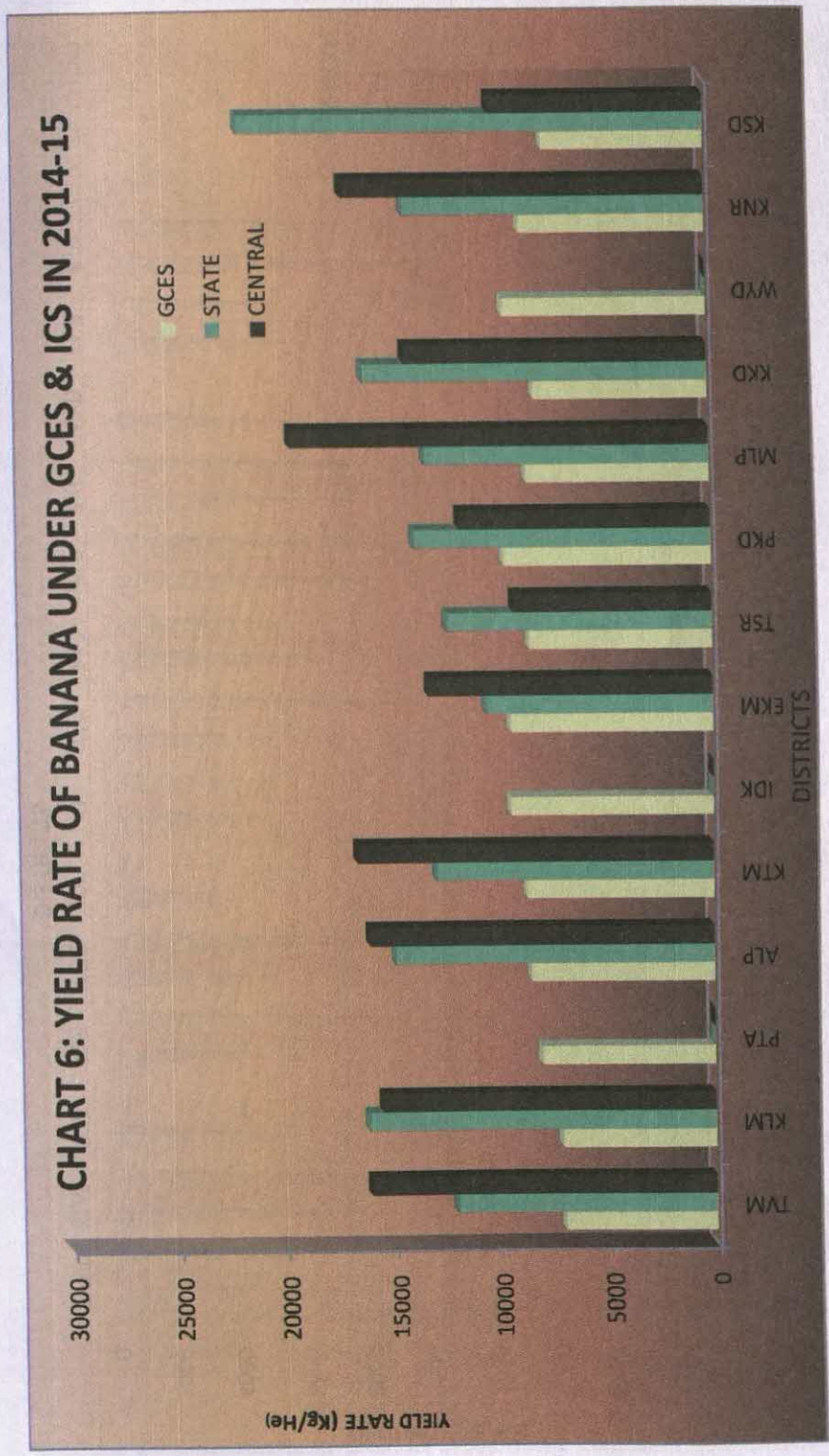
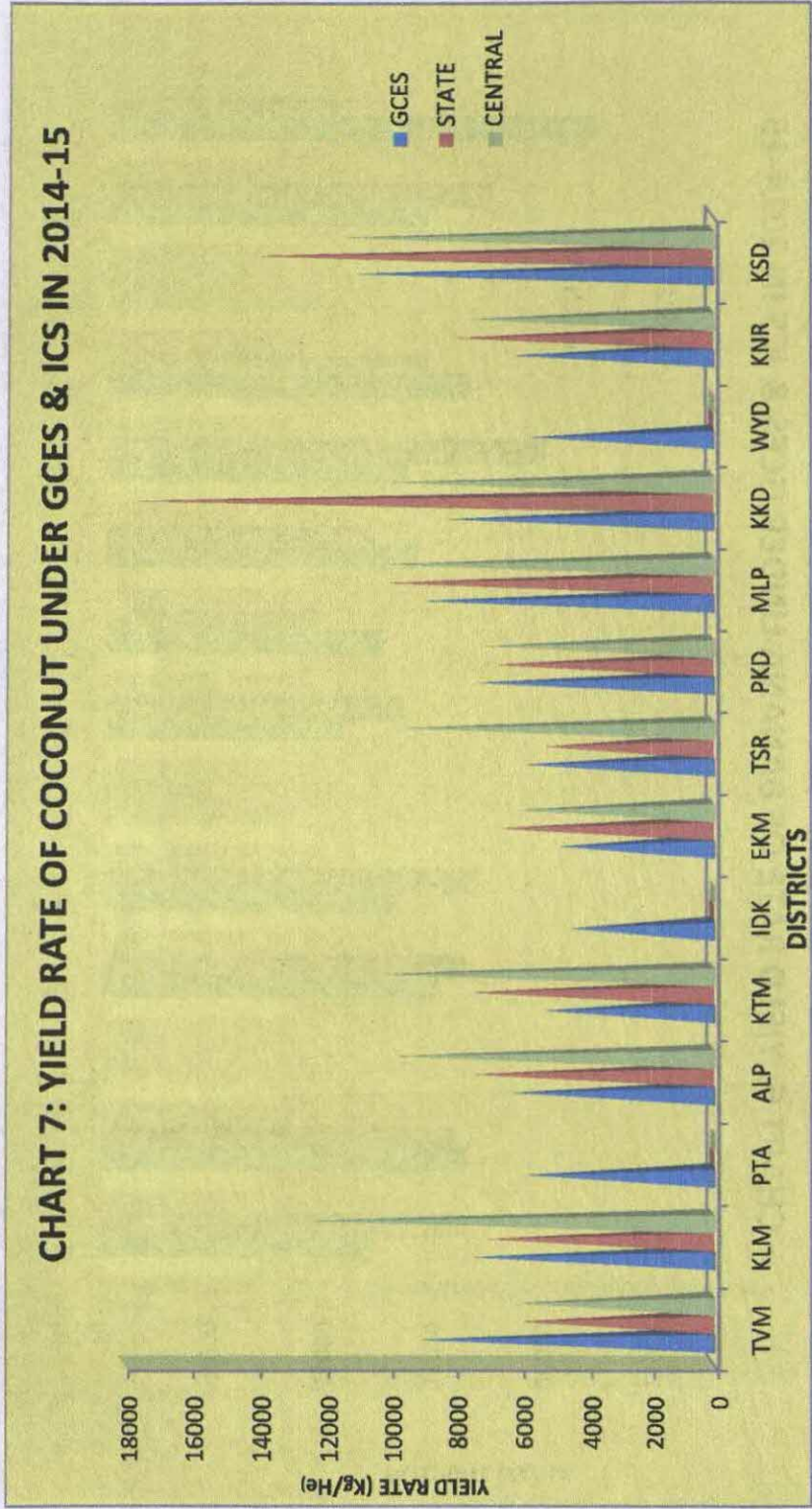


CHART 4: 2EV20M MIPE AIED PYLE TMDK GCES VND ICS FOR RICE 50Y4 12





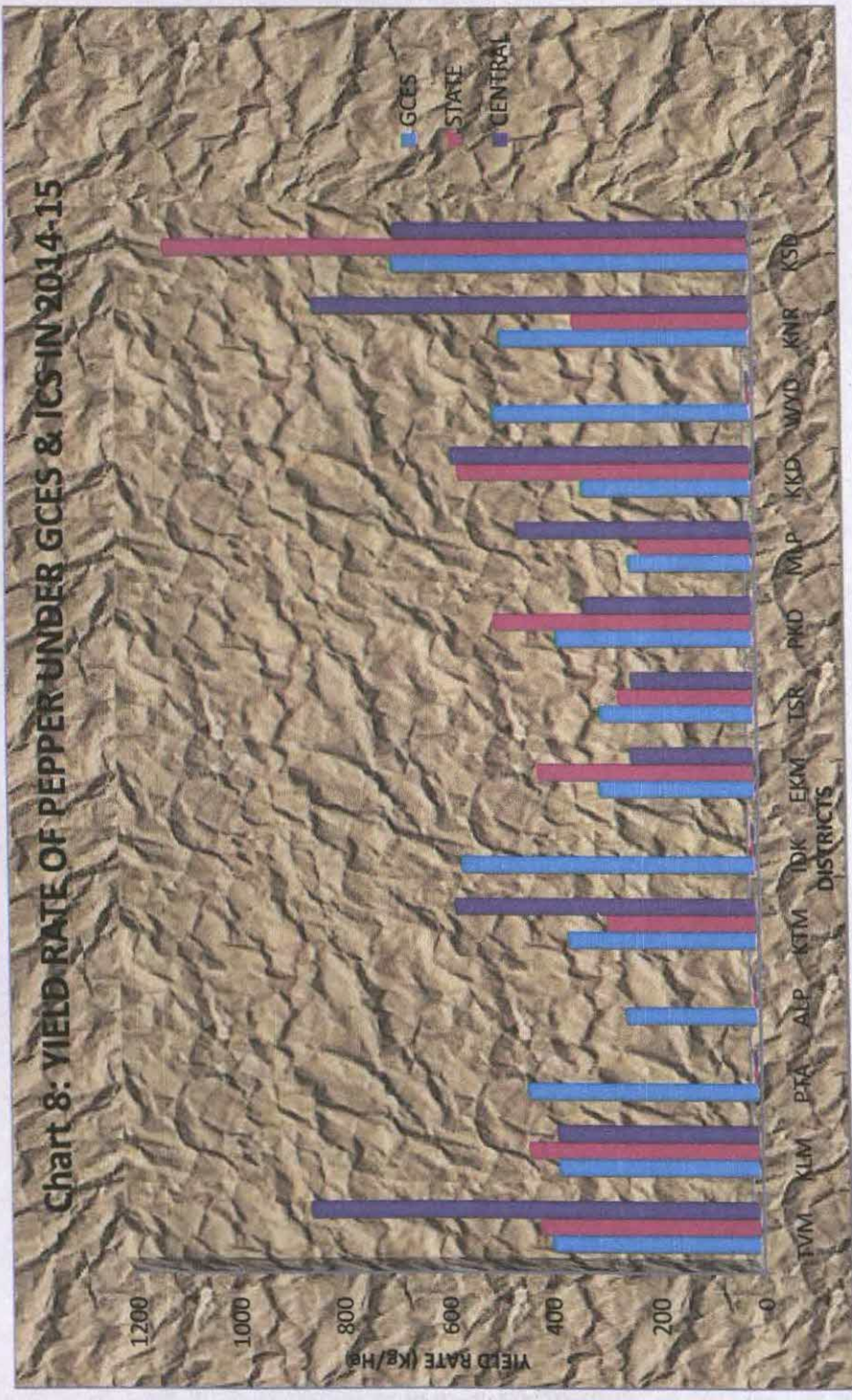


Chart 9: YIELD RATE OF ARECANUT UNDER GCES & ICS IN 2014-15

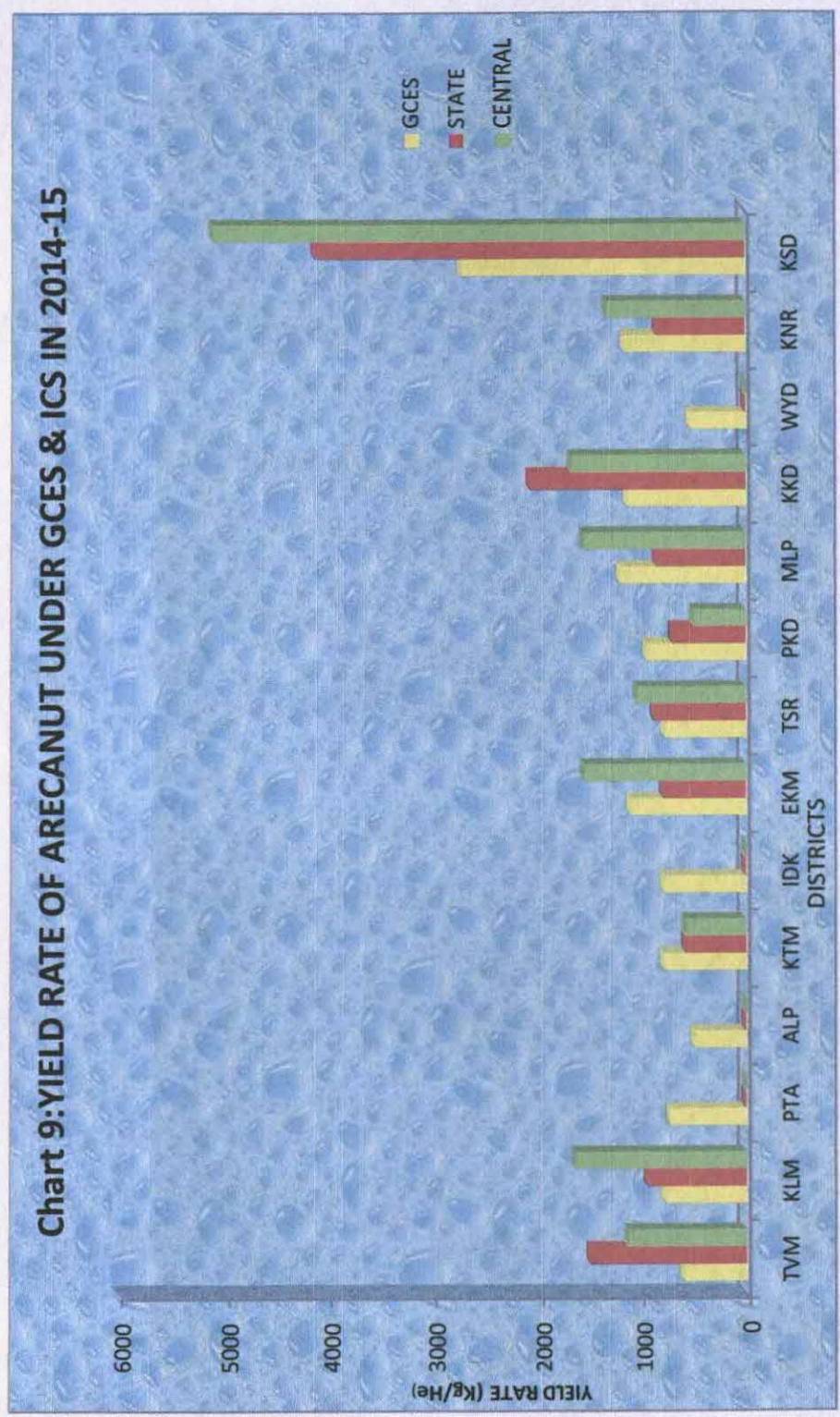
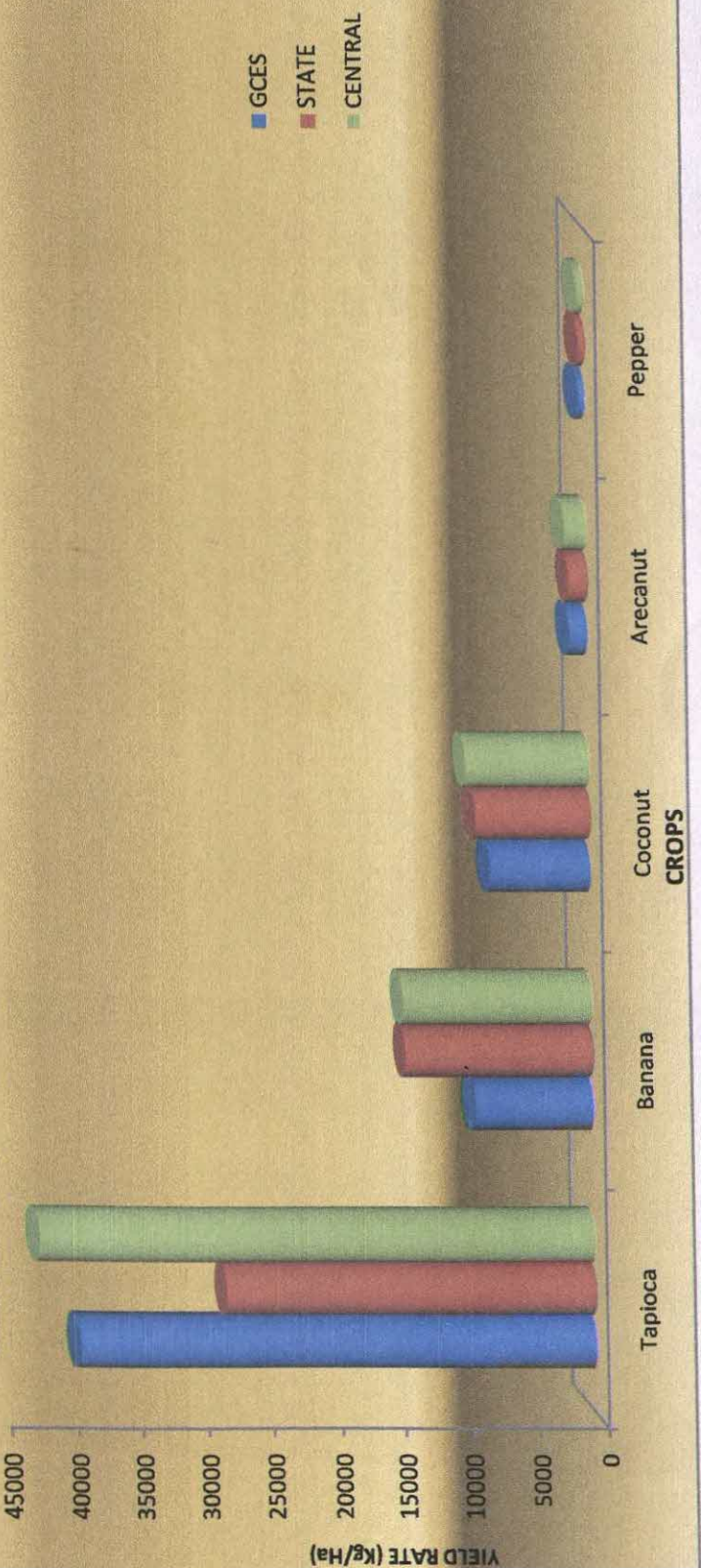
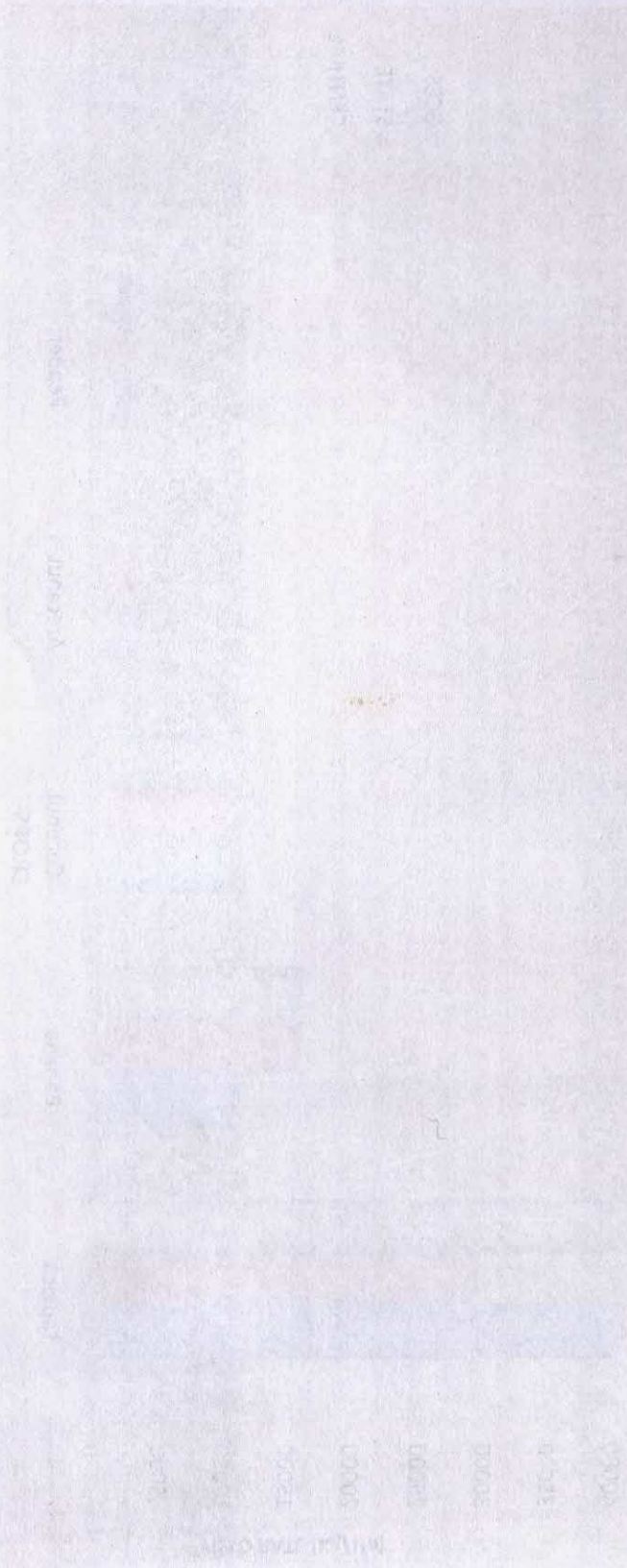


Chart 10: CROP WISE YIELD RATES OF IMPORTANT CROPS UNDER GCES & ICS 2014 - 15





CH 4 10: CROPS AND YIELD BY THE COUNTRY AT CROSS NUMBER 0013 & 101. 2014-15

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Fax : 0471-2305317 , Email : ecostatdir@gmail.com

Web : www.ecostat.kerala.gov.in