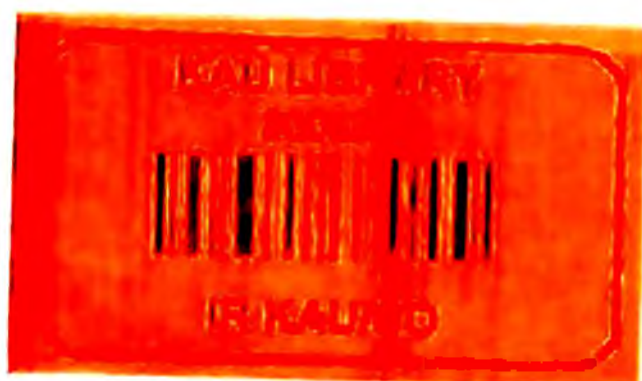


**CODIFIED LIST
OF
RESEARCH PROGRAMMES**



KERALA AGRICULTURAL UNIVERSITY

MANNUTHY — 680 651 — TRICHUR

1975

(English)

**CODIFIED LIST OF
RESEARCH PROGRAMMES**

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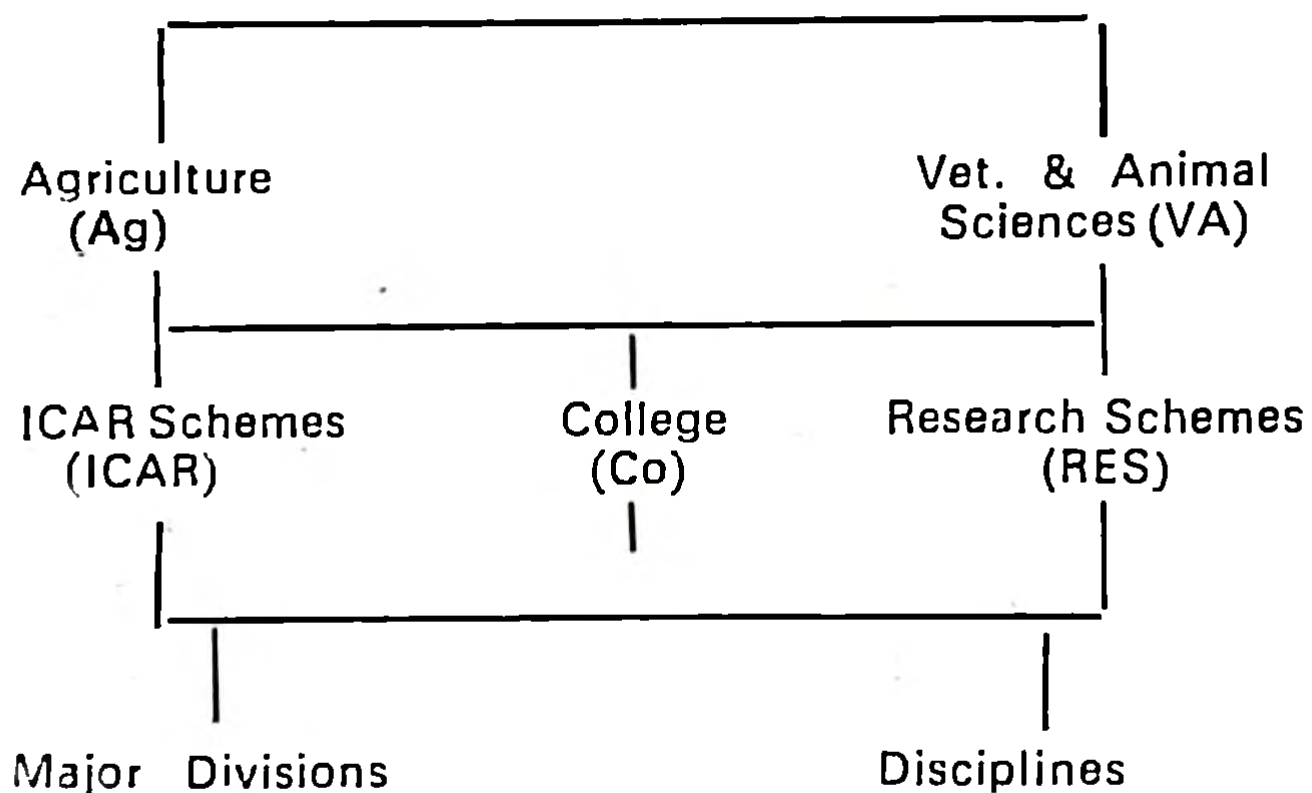
Compiled by

Directorate of Research

Kerala Agricultural University

Mannuthy - 680 651 - Kerala

RESEARCH PROGRAMMES



1. Rice	Agronomy.	1
2. Coconut	Anatomy.	2
3. Oil Seeds	Animal Production.	3
4. Pulses	Bacteriology.	4
5. Spices	Botany.	5
(a) Pepper	Chemistry.	6
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(c) Ginger	Entomology.	8
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8. Fruits	Pathology.	12
(a) Banana	Parasitology.	13
(b) Pineapple	Pharmacology.	14
9. Vegetables & Tuber crops	Physiology.	15
10. Forage Crops	Poultry Science.	16
11. Floriculture	Surgery.	17
12. Cattle	Therapeutics.	18
13. Pigs	Statistics.	19
14. Goat	Horticulture.	20
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16. Miscellaneous		

Legend to Code Number

Faculty * Institution * Major Division * Discipline * S. No. of Expt.

CATEGORISED LIST OF EXPERIMENTS

No.	Major Divisions	No. of Experiments
	AGRICULTURE	260
1	Rice	113
2	Coconut	30
3	Oil Seeds	4
4	Pulses	2
5	Spices	31
6	Cashewnut	15
7	Essential oil	4
8	Fruits	25
9	Vegetables and Tuber crops	16
10	Forage Crops	5
11	Floriculture	15
	VETERINARY & ANIMAL SCIENCES	125
12	Cattle	19
13	Pigs	18
14	Goats	16
15	Poultry	13
16	Miscellaneous	59
	GRAND TOTAL	385

A G R I C U L T U R E

(1) RICE

Sl. No. 1

Code No. Ag. ICAR. I. I. 1

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Nitrogen Variety Trials.

Objective :- To study the yield potential of promising varieties evolved in the various research centres of the country and to pick out varieties suited to local conditions of the participating centre.

Venue :- Rice Research Station, Pattambi.



Sl. No. 2

Code No. Ag. ICAR I. I. 2

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Nitrogen Management Trials.

Objective :- To study the time, source and rate of application of nitrogen for short and medium duration varieties under transplanted and direct sown conditions.

Venue :- Rice Research Station, Pattambi.



Sl. No. 3

Code No. Ag. ICAR. I. I. 3

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Management of nitrogen under moderate levels of nitrogen fertilization.

Objective :- To work out the optimum agronomic practices for obtaining maximum nitrogen use efficiency at a low level of nitrogen application by adjusting the timings, rates and sources of nitrogen.

Venue :- Rice Research Station, Pattambi.



Sl. No. 4

Code No. Ag. ICAR. I. I. 4

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Seed Rate Trials.

Objective :- To find out the optimum seed rates for different methods of sowing i. e. for dibbling in dry soils and for broadcasting in dry as well as puddle soils.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 5

Code No. Ag. ICAR. I. I. 5

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Herbicide Trial.

Objective :- To assess the relative efficiency of different herbicides in the control of weeds in direct sown rice.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 6

Code No. Ag. ICAR. I. I. 6

Title :-

All India Co-ordinated Agronomic Research Project- Production Potential Experiment. No. 1 (a)

Objective :- To Study the economics of high intensity cropping systems and their effect on soil when grown continuously.

Venue :- Model Agronomic Research Station, Karamana. Headquarters: Rice Research Station, Pattambi.

○

Sl. No. 7

Code No. Ag. ICAR. I. I. 7

Title :-

All India Co-ordinated Agronomic Research Project- Production Potential under resource constraints. No.1 (b)

Objective :- To determine the production potential of a suitable crop sequence in situations where one or more resources (such as weed control, fertilizer etc.) are limiting.

Venue :- Model Agronomic Research Station, Karamana.
Headquarters: Rice Research Station, Pattambi.



Sl. No. 8

Code No. Ag. ICAR. I. I. 8

Title :-

All India Co-ordinated Agronomic Research Project-
Manurial requirement of a fixed crop rotation.

Objective :- To study the direct,, residual and cumulative effects of phosphorus, potash and farmyard manure on a fixed single year two crop rotation with high yielding varieties

Venue :- Model Agronomic Research Station Karamana.
Headquarters: Rice Research Station, Pattambi.



Sl. No. 9

Code No. Ag. ICAR. I. I. 9

Title :-

All India Co-ordinated Agronomic Research Project-
Efficiency of Potassium schoenite as a source of potassium to crops.

Objective :-

To find out the efficiency of Potassium schoenite, a cheap by-product of salt industry, as source of potassium.

Venue :- Model Agronomic Research Station, Karamana.
Headquarters: Rice Research Station, Pattambi.



Sl. No. 10

Code No. Ag. ICAR. I. I. 10

Title :-

All India Co-ordinated Agronomic Research Project-
Fertilizer requirement of new varieties of rice.

Objective:- To study the response of new varieties of rice to nitrogen and phosphorus and their interactions.
Venue:- Model Agronomic Research Station, Karamana.
Headquarters: Rice Research Station, Pattambi.



Sl. No. 11 **Code No. Ag. ICAR. I. I. 11**

Title:-

All India Co-ordinated Agronomic Research Project-
Nitrogen economy through organic manures.

Objective:- To study the possibility of economising nitrogenous fertilizer through application of organic manures in a crop sequence.

Venue:- Model Agronomic Research Station, Karamana.
Headquarters: Rice Research Station, Pattambi.



Sl No. 12 **Code No. Ag. ICAR. I. I. 12**

Title:-

All India Co-ordinated Agronomic Research Project-
Efficiency of Rock Phosphate and Basic slag on acid soils.

Objective:- To study the relative efficiency of rock phosphates of various sources in the phosphorus nutrition of rice in acid soils.

Venue:- Model Agronomic Research Station, Karamana
Headquarters-Rice Research Station, Pattambi.



Sl. No. 13 **Code No. Ag. ICAR. I. I. 13**

Title:-

All India Co-ordinated Agronomic Research Project-
Experiments on cultivators' fields—A

Objective:- To study fertilizer requirements of high yielding varieties of rice (Type A trial)

Venue:- Trivandrum & Malappuram districts.

Headquarters: Rice Research Station, Pattambi.



Sl. No. 14

Code No. Ag. ICAR. I. I. 14

Title :-

All India Co-ordinated Agronomic Research Project-
Experiments on cultivators' fields - B

Objective :- To study the comparative performance of new varieties of rice in relation to low and medium levels of fertilizer application (Type B trial)

Venue :- Trivandrum & Malappuram districts.

Headquarters: Rice Research Station, Pattambi.



Sl. No. 15

Code No. Ag. ICAR. I. I. 15

Title :-

All India Co-ordinated Agronomic Research Project-
Experiments on cultivators' fields - C.

Objective :- To study fertilizer requirements of high yielding varieties in relation to soil fertility (Type C trial).

Venue :- Trivandrum & Malappuram districts.

Headquarters- Rice Reserch Station, Pattambi.



Sl. No. 16

Code No. Ag. ICAR. I. I. 16

Title :-

All India Co-ordinated Agronomic Research Project-
Experiments on cultivators' fields-G

Objective :- To study fertilizer requirements of a fixed single year two crop sequence (Type G trial) under resource constraints.

Venue :- Trivandrum & Malappuram districts.

Headquarters: Rice Research Station, Pattambi.



Sl.No.17

Code No. Ag. ICAR. I. I. 17

Title :-

Integrated Project for research on water management and salinity. Rotation experiment with annual sequence of 4 crops.

Objective:- To study yield responses of crops in rotation under different fertility situations and water management practices.

Venue:- Agronomic Research Station, Chalakudy.

Sl. No. 18

Code No. Ag. ICAR 1. 1. 18

Title:-

Integrated Project for research on water management and salinity. Identification of varieties for different situations.

Objective :- To Screen new varieties for different situations of moisture and fertility constraints.

Venue:- Agronomic Research Station, Chalakudy.

Sl. No. 19

Code No. Ag. ICAR. 1. 1. 19

Title:-

Integrated project for research on water management and salinity. Assessment of crop damages due to drought and waterlogging.

Objective:- To assess the extent of crop damages due to drought and waterlogging.

Venue:- Agronomic Research Station, Chalakudy.

Sl. No. 20

Code No. Ag. ICAR. 1. 1. 20

Title:-

Integrated project for research on water management and salinity. Studies on agronomic practices for high water use efficiency.

Objective:- To formulate agronomic practices for increasing water use efficiency in field crops.

Venue:- Agronomic Research Station, Chalakudy.

Sl. No. 21

Code No. Ag. ICAR. 1. 1. 21

Title :-

Integrated project for research on water management and salinity.

Objective :- Studies on water requirement of rice/To study various forms of water losses and total water requirement of rice in different seasons.

Venue :- Agronomic Research Station, Chalakudy.



Sl. No. 22

Code No. Ag. ICAR. 1. 1. 22

Title :-

Integrated project for research on water management and salinity. Studies on cropping practices

Objective :- To design mixed and relay cropping practices for adoption in cropping patterns.

Venue :- Agronomic Research Station, Chalakudy.



Sl. No. 23

Code No. Ag. ICAR. 1. 1. 23

Title :-

Integrated project for research on water management and salinity. Studies on water management and crop quality

Objective :- To study the effect of irrigation during the different physiological growth stages on tuber development, yield and starch content of tapioca.

Venue :- Agronomic Research Station, Chalakudy.



Sl. No. 24

Code No. Ag. ICAR. 1. 1. 24

Title :-

Int grated project for research on water management and salinity. Investigations on ground water characteristics

Objective :- To study ground water characteristics and quality of water.

Venue :- Agronomic Research Station, Chalakudy.



Sl No. 25

Code No. Ag. ICAR. I. I. 25

Title :-

Integrated project for research on water management and salinity. Investigations on physico-chemical properties of soils.

Objective :- To study physico-chemical characteristics of rice soils.

Venue :- Agronomic Research Station, Chalakudy.



Sl. No. 26

Code No. Ag. ICAR. I. I. 26

Title :-

Integrated project for research on water management and salinity.

Studies on weed growth under different water management practices.

Objective :- To study the relative efficiency of new herbicides in controlling weeds under different water management practices in transplanted rice.

Venue - Agronomic Research Station, Chalakudy.



Sl. No. 27

Code No. Ag. ICAR. I. I. 27

Title :-

Moderate Nitrogen Technology.

Objective :- To find out whether the present recommended dose of nitrogen for rice can be reduced by changing the time of application of nitrogen from basal dressing to tillering phase without reduction in rice yield.

Venue :- Rice Research Station, Pattambi.



Sl. No. 28

Code No. Ag. RES. I. I. 28

Title :-

Economic use of phosphorus and potash.

Objective :- To find out whether phosphate and potash application for rice can be skipped for one or 2 seasons without affecting the growth and yield of rice.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 29

Code No. Ag. RES. I. I. 29

Title :-

Micronutrient experiment.

Objective :- To find out the response of rice to micronutrients,

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 30

Code No. Ag. RES. I. I. 30

Title :-

Relative efficacy of nitrification inhibitor.

Objective :- To find out the effectiveness of different indigenous oil cakes in their capacity for inhibiting nitrification of urea.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 31

Code No. Ag. RES. I. I. 31

Title :-

Effect of spraying salt solution on the maturity of rice.

Objective :- To find out whether salt solution when sprayed during the dough stage of the grains will enhance maturity.

Venue :- Rice Research Station, Pattambi

○

Sl. No. 32

Code No. Ag. RES. I. I. 32

Title :-

Control of grain sheldding in rice.

Objective :- To find out the effect of synthetic auxins in increasing the yield of rice varieties which are prone to pre-harvest grain shedding.

Venue :- Rice Research Station Pattambi.

○

Sl. No. 33

Code No. Ag. RES. I. I. 33

Title :-

Trial of two methods of sowing rice in modan lands

Objective :- To study the possibility of adopting wide spaced flowline sowing in uplands with the main objective of easy and thorough weed control.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 34

Code No. Ag. RES. I. I. 34

Title :-

Investigations on the effect of bacterial fertilizers.

Objective :- To study whether application of Azo, a bacterial fertilizer capable of fixing atmospheric nitrogen in paddy soils, can help reduce the use of fertilizer nitrogen.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 35

Code No. Ag. RES. I. I. 35

Title :-

Sagar Trial.

Objective :- To find out the effect of Sagar, a fertilizer processed from sea water.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 36

Code No. Ag. RES. I. I. 36

Title :-

Weed control in transplanted rice.

Objective:- To study the effectiveness and economics of chemical and cultural methods of weed control.

Venue:- Model Agronomic Research Station, Karamana.



Sl. No. 37

Code No. Ag. Res. I. I. 37

Title :-

Experiment on Seasons of Planting.

Objective:- To find out the correct season of planting for getting the maximum yield.

Venue:- Model Agronomic Research Station, Karamana.



Sl. No. 38

Code No. Ag. RES. I. I. 38

Title :-

Intensive Farming system for small holders.

Objective:- To find out the feasibility of adopting intensive crop Production practices in small holdings.

Venue:- Model Agronomic Research Station, Karamana.



Sl. No. 39

Code No. Ag. RES. I. I. 39

Title :-

Experiment with Sagar fertilizer.

Objective:- To evaluate the efficiency of Sagar as a fertilizer.

Venue:- Model Agronomic Research Station, Karamana.



Sl. No. 40

Code No. Ag. RES. I. I. 40

Title :-

Scheme for research on double cropping in Oorumundakan land (Coastal saline marshes) in Quilon and Alleppey districts.

Objective :- To try the possibility of taking two crops in the existing single cropped Corumundakan lands.

Venue :- Muthukulam.

○

Sl. No. 41

Code No. Ag. RES. I. I. 41

Title :-

Manurial trial with Alga, Bacteria and fertilizer Azo.

Objective :- To evaluate the effect of fixation of atmospheric nitrogen by Alga and bacteria and fertilizer Azo in comparison with usual fertilization in Kuttanad.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 42

Code No. Ag. RES. I. I. 42

Title :-

Moderate Nitrogen Technology.

Objective :- To formulate technology for efficient and economic use of N for rice in Kuttanad.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 43

Code No. Ag. RES. I. I. 43

Title :-

Crop Sequence trial.

Objective :- To evolve a suitable multiple cropping pattern for Kuttanad paddy fields.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 44

Code No. Ag. RES. I. I. 44

Title :-

Micronutrient trial.

Objective - To find out the influence of trace elements in enhancing rice yields in Kuttanad.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 45

Code No. Ag. RES. I. I. 45

Title :-

Experiment on skipping Phosphorus (P) and potash (K)

Objective :- To find out the residual effect of P & K and to evolve suitable technique for skipping regular application of P & K for rice in Kuttanad.

Venue :- Rice Research Sub Station, Moncompu.



S No. 46

Code No. Ag. RES. I. I. 46

Title :-

Trial with Nitrification inhibitors.

Objective :- To ascertain the effect of different kinds of oil cakes as nitrification inhibitors.

Venue :- Rice Research Sub Station, Moncompu.



Sl. No. 47

Code No. Ag. RES. I. I. 47

Title :-

Permanent manurial experiment. (with tall *indica* rice)

Objective :- To find out the effect of continuous application of green leaf, cattle manure, ammo. sulphate and their combinations with and without P & K for a tall *indica* rice variety.

Venue :- Rice Research Station, Pattambi.



Sl. No. 48

Code No. Ag. RES I. I. 48

Title :-

Permanent manurial trial. (with dwarf *indica* rice)

Objective :- To study the effect of applying continuously, green manure, cattle manure, ammo. sulphate and their combinations with and without P & K, to a dwarf *indica* rice variety.

Venue :- Rice Research Station, Pattambi.



Sl. No. 49

Code No. Ag. RES. I. I. 49

Title :-

Foliar nutrition trial.

Objective :- To study the efficiency of urea application as foliar feeding in comparison with soil application to the dwarf *indica* variety, Jaya.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 50

Code No. Ag. RES. I. I. 50

Title :-

Experiment with dolomite.

Objective :- To study the effect of application of dolomite on the yield of high yielding varieties of rice in Karamana soil.

Venue :- Model Agronomic Research Station, Karamana.

○

Sl. No. 51

Code No. Ag. RES. I. I. 51

Title :-

Weedicid Trial (pre-emergence)

Objective :- To study the effectiveness of different methods of weedcontrol in direct sown rice in Kuttanad.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 52

Code No. Ag. RES. I. I. 52

Title :-

Weedicide trial (post-emergence)

Objective :- To study the effectiveness of different kinds of weedicides in direct sown crop.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No- 53

Code No. Ag. RES. I. I. 53

Title :-

Lime experiment in paddy.

Objective :- To find out the optimum dose of lime required for paddy under wynad conditions.

Venue :- Horticultural Research Station, Ambalavayal.

○

Sl. No. 54

Code No. Ag. ICAR. I. I. 54

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) Breeding for high yielding varieties

Objective :- Introduction and breeding of new rice varieties having new plant types which provide the basis of phenomenal increase in yield.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 55

Code No. Ag. ICAR. I. I. 55

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) Screening of varieties

Objective :- To identify varieties suited for different tracts and to conduct minikit trials and uniform variety trials.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 56

Code No. Ag. ICAR. I. 5 56

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) International Rice Yield Nursery

Objective :- To test cultures and varieties received from International Rice Research Institute and other co-operating centres.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 57

Code No. Ag. RES. I. 5. 57

Title :-

Maintenance of types

Objective :- To maintain types and varieties as genetic stock to provide materials for plant breeding research.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 58

Code No. Ag. RES. I. 5. 58

Title :-

Comparative yield trial of ARC and IARI Cultures in modan lands.

Objective :- To study the performance of promising ARC & IARI rice cultures under dry sown and rainfed conditions.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 59

Code No. Ag. RES. I. 5. 59

Title :-

Comparative yield trial of new short duration cultures in modan lands.

Objective :- To study the performance of new short duration rice cultures under upland dry sown conditions.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 60

Code No. Ag. RES. I. 5. 60

Title :-

Trial of cold tolerant cultures at Ambalavayal.

Objective :- To study the performance of cultures from the cross Jaya x Dunghan Shali with special reference to cold tolerance.

Venue :- Horticultural Research Station, Ambalavayal.

HQ: Rice Research Station, Pattambi.

○

Sl No. 61

Code No. Ag. RES. I. 5. 61

Title :-

Trial of awnless mutants or Oorpany.

Objective:- To study the performance of induced mutants of the awned saline resistant variety Oorpany.

Venue :- Rice Research Station, Pattambi.

○

S. No. 62

Code No. Ag. RES. I. 5. 62

Title :-

Comparative yield trial of new medium duration cultures.

Objective:- To compare the new promising medium duration cultures with standard varieties for their yield.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 63

Code No. Ag. RES. I. 5. 63

Title :-

Comparative yield trial of new short duration cultures.

Objective :- To assess the yield and general performances of new promising short duration cultures.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 64

Code No. Ag. RES. I. 5. 64

Title :-

Varietal-cum-manurial trial.

Objective :- To evaluate the performance of 3 short duration rice varieties (cultures) evolved in the Agricultural College, Vellayani Trivandrum.

Venue :- Model Agronomic Research Station, Karamana.

○

Sl. No. 65

Code No. Ag. RES. I. 5. 65

Title :-

Agronomic studies on pre-release cultures of Mon-compu.

Objective :- To study and compare the performance of 4 hybrid cultures selected from three different crosses at two standard varieties-Jyothi and Jaya.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No 66

Code No. Ag. RES. I. 5. 66

Title :-

Preliminary yield trial (Series I)

Objective :- To evaluate the yield potential of selected cultures from IET (1972-73).

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 67

Code No. Ng. RES. I. 5. 67

Title :-

Initial Evaluation Trial.

Objective :- To evaluate the performance of selected hybrid cultures based on yield and other desirable characters.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 68

Code No. Ag. RES. I. 5. 68

Title :-

Preliminary yield trial (Series II)

Objective :- To evaluate the yield potential of cultures selected from IET.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 69

Code No. Ag. RES. I. 5. 69

Title :-

Hybridization.

Objective :- To evolve varieties suited to Kuttanad by crossing appropriate parents.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 70

Code No. Ag. RES. I. 5. 70

Title :-

Pedigree Rows.

Objective :- To study the single plant progenies of selections made from various crosses and to select materials for further trials.

Venue :- Rice Research Station Pattambi.

○

Sl. No. 71

Code No. Ag. RES. I. 5. 71

Title :-

Analysis of Embryo Organisation in Rice.

Objective :- To study the extent to which a mutation induced by seed treatment may survive and give rise to a mutant in rice.

Venue :- College of Agriculture, Vellayani.

○

Sl. No 72

Code No. Ag. RES. I. 5. 72

Title :-

Selection and Hybridization work in paddy.

Objective :- To undertake pure line selection in Adakkan and hybridization work with Wynnad-2 and Rohini.

Venue :- Horticultural Research Station Ambalavayal.

○

Sl. No. 73

Code No. Ag. RES. I. 5. 73

Title :-

Varieial trial in paddy.

Objective :- To conduct comparative yield trial with different high yielding varieties and pre-release cultures with a flowering duration of 99 to 150 days.

Venue :- Horticultural Research Station, Ambalvayal.

○

Sl. No. 74

Code No. Ag. RES. I. 5. 74

Title :-

Study of F_2 progenies of paddy.

Objective :- To undertake studies of F_2 progenies of Jaya x Dunganshali in order to evolve a cold tolerant high yielding variety suitable for Wynad tract.

Venue :- Horticultural Research Station, Ambalavayal.

○

Sl. No. 75

Code No. Ag. RES. I. 5. 75

Title :-

Trial on cold tolerant cultures.

Objective :- To screen cold tolerant cultures received from Central Rice Research Station, Cuttack in order to isolate a culture most suited to Wynad conditions.

Venue :- Horticultural Research Station, Ambalavayal.

○

Sl. No. 76

Code No. Ag. RES. I. 5. 76

Title :-

Trial on Japonica x Indica varieties.

Objective :- To find out the performance of Japonica x Indica varieties under Wynad conditions.

Venue :- Horticultural Research Station, Ambalavayal.

○

Sl. No. 77

Code No. Ag. RES. I. 5. 77

Title :-

Pure line selection in Jeerakasala.

Objective :- To multiply 3 pure line cultures of Jeerakasala for further trials in cultivators' fields.

Venue :- Horticultural Research Station, Ambalavayal.



Sl. No. 78

Code No. Ag. CO. I. 6. 78

Title :-

Efficient periods of utilization of potassium for the high yielding variety of rice-Sabari.

Objective :- To find out the efficient periods of utilisation of K for grain production by a high yielding medium duration variety of rice at higher levels of N so as to estimate the best N, K ratio for maximum rice yields.

Venue :- College of Agriculture, Vellayani.



Sl. No. 79

Code No. Ag. CO. I. 6. 79

Title :-

Studies on the effect of magnesium silicate on the growth and yield of rice varieties.

Objective :- To study the response of rice variety-Triveni to application of Mg. silicates.

Venue :- College of Agriculture, Vellayani.



Sl. No. 80

Code No. Ag. CO. I. 6. 80

Title :- Effect of zinc and method of its application on the growth and yield of rice.

Objective :- To study the effect of zinc, and its methods of application on the growth and yield of high yielding varieties of rice.

Venue :- College of Agriculture, Vellayani.



Sl. No. 81

Code No. Ag. CO. I. 6. 81

Title :-

Studies on the economic and optimum levels of nitrogen on the yield of a short duration high yielding variety of rice var. Triveni.

Objective :- To study the economic and optimum levels of nitrogen to short duration varieties of Rice.

Venue :- College of Agriculture, Vellayani.



Sl. No. 82

Code No. Ag. CO. I. 6. 82

Title :-

Response of high yielding varieties of rice to N. P. K. Levels.

Objective :- To study the response of high yielding varieties of rice to N, P. and K. and their interactions.

Venue :- College of Agriculture, Vellayani.



Sl. No. 83

Code No. Ag. CO. I. 6. 83

Title :-

Experiment on the optimum time of letting out water from rice fields after application of nitrogenous fertilizers.

Objective :- To study the optimum time of letting out water from paddy fields after application of nitrogenous fertilizers.

Venue :- College of Agriculture, Vellayani.



Sl. No. 84

Code No. Ag. ICAR. I. 8. 84

Title :-

All India Co-ordinated Rice Improvement Project (ICAR)- New Insecticide Trial.

Objective:- To screen newer chemicals both in the form of granules and sprays mostly from organic phosphorus group so as to identify potent but safer chemicals than Parathion and Endrin which are already in large scale use.

Venue - Rice Research Station, Pattambi.

○

Sl. No. 85

Code No. Ag. ICAR. 1. 8. 85

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Chemical Evaluation Trial.

Objective :- To evaluate the efficacy of new insecticides in different doses and to find out the economic dose of each chemical.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 86

Code No. Ag. ICAR. 1. 8. 86

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Seedling dip experiment.

Objective :- To evaluate the effectiveness of seedling root dip treatments and some late nursery treatments for controlling insect pests during plant establishment stage.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 87

Code No. Ag. ICAR. 1. 8. 87

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) Maximum protection trial.

Objective :- To estimate the magnitude of potential yield loss of selected pre-release varieties resulting from the insect pests and to ascertain the reaction of these varieties to the protection afforded by the insecticides.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 88 **Code No. Ag. ICAR. I. 8. 88**

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Varietal screening for insects.

Objective :- Screening of various varieties for resistance to insect incidence such as gall midge, leaf folder, stem borer etc.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 89 **Code No. Ag. RES. I. 8. 89**

Title :-

Chemical Evaluation trial - granules.

Objective :- To evaluate the effectiveness of granular insecticides against each specific insect pest of rice.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 90 **Code No. Ag. RES. I. 0**

Title :-

Chemical Evaluation Trial - Sprays.

Objective :- To evaluate the effectiveness of selected insecticides against each specific insect pest of rice.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 91 **Code No. Ag. RES. I. 8. 91**

Title :-

Co-ordinated Trial under Entomology.

Objective :- To study the reaction of different varieties/cultures to infestation by different pests especially plant hoppers and leaf hoppers.

Venue :- Model Agronomic Research Station, Karamana.

○

Sl. No. 92

Code No. Ag. RES. 1. 8. 92

Title :-

Screening of varieties and cultures from different Rice Research Stations of Kerala against insect pests especially plant hoppers.

Objective :- To study the reaction of the different varieties and cultures to infestation by different pests especially to plant hoppers and leaf hoppers.

Venue :- Rice Research Sub Station, Moncompu.



Sl. No. 93

Code No. Ag. RES. 1. 8. 93

Title :-

Scheme for study of varietal resistance to major insect pests of rice.

Objective :- To evaluate the cultures and varieties against rice stem borer, gall-midge, brown plant hopper, green leaf hopper & leaf roller.

Venue :- Rice Research Station, Pattambi.



Sl. No. 94

Code No. Ag. RES. 1. 8. 94

Title :-

Chemical control of rice pests

Objective :- To evaluate the efficiency of selected insecticides applied on need basis on the control of major insect pests of rice.

Venue :- Rice Research Station, Pattambi.



Sl. No. 95

Code No. Ag. ICAR. 1. 12. 95

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Uniform Blast Nursery.

Objective :- Testing cultures of paddy for their reaction to blast disease

Venue :- Rice Research Station, Pattambi.



Sl. No. 96 **Code No. Ag. ICAR. I. 5. 96**

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - International uniform Blast Nursery.

Objective :- Testing varieties received from the International Rice Research Institute, Cuttack for their reaction to Blast disease at Pattambi.

Venue :- Rice Research Station, Pattambi.

○

S. No. 97 **Code No. Ag. ICAR. I. 12. 97**

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Blast Control Trial.

Objective :- Testing different chemicals for the control of blast disease..

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 98 **Code No. Ag. ICAR. I. 12. 98**

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) - Helminthosporium screening trial.

Objective :- Testing several entries for their resistance to Helminthosporose at the seedling and adult plant stages.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 99 **Code No. Ag. ICAR. I. 12. 99**

Title :-

All India Co-ordinated Rice Improvement Project (ICAR) Evaluation of selections for resistance to sheath blight.

Objective :- Study of sheath blight disease in detail and finding out media for growing the fungus. Testing all entries for resistance to sheath blight disease.

Venue - Rice Research Station, Pattambi.

○

Sl. No. 100

Code No. Ag. ICAR. I. 12. 100

Title :-

All India Co-ordinated Rice Improvement Project (ICAR)-
Testing for resistance to Tungro disease.

Objective :- Testing lines for their resistance to 'Tungro' virus disease.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 101

Code No. Ag. ICAR. I. 12. 101

Title :-

All India Co-ordinated Rice Improvement Project
(ICAR)- Testing for resistance to bacterial leaf blight.

Objective :- Testing lines for their resistance to bacterial leaf blight disease.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 102

Code No. Ag. RES. I. 12. 102

Title :-

Co-ordinated blast control trial.

Objective :- To evaluate the efficacy of certain new proprietary fungicides in controlling the incidence of rice blast.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 103

Code No. Ag. RES. I. 12. 103

Title :-

Co-ordinated Sheath blight control trial..

Objective :- To evaluate the efficacy of certain new proprietary fungicides in controlling sheath blight disease of rice.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 104 **Code No. Ag. RES. I. 12. 104**

Title :-

Selection of disease resistant varieties (No. II)

Objective :- To select varieties with multiple resistance to all major diseases and high yield potential.

Venue :- Rice Research Station, Pattambi.



Sl. No. 105 **Code No. Ag. RES. I. 12. 105**

Title :-

Breeding blast resistant varieties.

Objective :- To evolve varieties resistant to Blast Disease

Venue :- Rice Research Station, Pattambi.



Sl. No. 106 **Code No. Ag. RES. I. 12. 106**

Title :-

Fungicidal trial for brown spot.

Objective :- Screening of fungicides to assess their efficacy in controlling brown spot disease.

Venue :- Rice Research Station, Pattambi.



Sl. No. 107 **Code No. Ag. RES. I. 12. 107**

Title :-

Fungicidal trial for sheath blight.

Objective :- Screening of fungicides to find out their efficacy in controlling sheath blight.

Venue :- Rice Research Station, Pattambi



Sl. No. 108 **Code No. Ag. Res. I. 12. 108**

Title :-

Fungicidal trial for blast.

Objective :- Screening of fungicidal chemicals to assess their efficacy in controlling blast

Venue :- Rice Research Station, Pattambi.



Sl. No. 109 **Code No. Ag. CO. 1. 12. 109**

Title :-

Studies on sheath blight of rice.

Objective :- To assess the effect of potash and silica combined with fungicidal applications on the incidence and control and sheath blight of rice.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 110 **Code No. Ag. CO. 1. 12. 110**

Title :-

Studies on sheath blight of paddy with special reference to nutrition..

Objective :- To assess whether silica and potash independently and in combination will give resistance to rice plants against sheath blight attack under Vellayani soil conditions.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 111 **Code No. Ag. CO. 1. 12. 111**

Title :-

Studies on the sheath blight of paddy.

Objective :- The aim of the project is to study the effect of potash and fungicides on the intensity of disease incidence and control of sheath blight of paddy.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 112 **Code No. Ag. RES. 1. 15. 112**

Title :-

Crop weather studies.

Objective :- To identify cultivars suited to late planting by evaluating the performance of varieties when planted at different times.

Venue :- Rice Research Station, Pattambi.

○

Sl. No. 113 **Code No. Ag. RES. 1. 15. 113**

Title :-

Effect of waterlogging on tillering and productivity.

Objective :- To find out the genotypic reaction of varieties to flooding.

Venue :- Rice Research Station, Pattambi.

○

(2) COCONUT

Sl. No. 114

Code No. Ag. RES. 2 1. 1

Title :-

Effect of NPK levels and frequency of fertilizer application on the yield and bearing habits of T x D hybrids

Objective :- To study whether the yield potential of T x D hybrids can be increased further and the alternate bearing tendency reduced by heavy doses of fertilizers applied in splits.

Venue :- Coconut Research Station, Nileshwar.

○

Sl. No. 115

Code No. Ag. RES. 2 1. 2

Title :-

Response of T x D hybrids to high rate of NPK fertilizers.

Objective :- To study the effect of heavy doses of nitrogen, phosphorus and potash on the bearing habit, yield and nut characters of T x D hybrids and to work out optimum fertilizers required for T x D hybrids.

Venue :- Coconut Research Station, Nileshwar.

○

Sl. No. 116

Code No. Ag. RES. 2. 1. 3

Title :-

Varietal response to varying levels of potash with and without magnesium.

Objective :- To find out the effect of potash in the presence and absence of magnesium on the yield of ten varieties of coconut.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 117

Code No. Ag. RES. 2. 1. 4

Title :-

Effect of plant density and split application of fertilizers on the growth and yield of coconut

Objective :- To study the effect of split application of fertilizers on yield and bearing habits of coconuts planted under different spacing.

Venue :- Coconut Research Station, Pilicode.



Sl. No. 118

Code No. Ag. RES. 2. 1. 5

Title :-

NPK requirement of coconut with and without additional doses of Mg (Magnesium).

Objective :- To study the response of NPK and NPK + Mg on the yield of coconut and to work out the optimum requirement of fertilizers for coconut in the laterite soils.

Venue :- Coconut Research Station, Pilicode.



Sl. No. 119

Code No. Ng. RES. 2. 1. 6

Title :-

Effect of raising cocoa as an intercrop in adult coconut Plantation.

Objective :- To find out the effect of raising cocoa in the interspaces of coconut on the yield and bearing habit of coconut.

Venue :- Coconut Research Station, Pilicode.



Sl. No. 120

Code No. Ag. RES 2. 1. 7

Title :-

Intercropping trial with various annual crops.

Objective :- To find out the most suitable annual intercrop for coconut gardens and to study the effect of intercrops on the yield of coconut.

Venue :- Coconut Research Station Pilicode.



Sl No. 121 **Code No. Ag. RES. 2. 1. 8**
Title :-
Research on coconut.
Objective :- To conduct co-ordinated agronomic research work on the cultural and manurial aspects of coconuts under the agroclimatic conditions prevailing in the backwater area of Kuttanad tract.
Venue :- Coconut Research Sub Station, Kumarakam.

○

Sl. No. 122 **Code No. Ag. RES. 2. 1. 9**
Title :-
Observation Plot No. 1
Objective :- To secure preliminary information on the response of old palms to the normal and enhanced doses of manuring.
Venue :- Coconut Research Sub Station, Balaramapuram.

○

Sl. No. 123 **Code No. Ag. RES. 2. 1. 10**
Title :-
N. P. K. Fertilizer trial starting from young seedling.
Objective :- To study the response of palms from the seedlings stage to the application of nitrogen, phosphorus and potash.
Venue :- Coconut Research Sub Station Balaramapuram.

○

Sl. No. 124 **Code No. Ag. RES. 2. 5. 11**
Title :-
Study of inheritance of yield potential in the cross, selfed and natural progenies of West Coast Tall palms of six yield groups.
Objective :- To study the performance of different yield groups in coconut and assess the inheritance of yield potential and to compare the cross, self and natural progenies for growth and yield.
Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 125

Code No. Ag. RES. 2. 5. 12

Title :-

Study of cross progenies of exotic Tall varieties x Indigenous varieties.

Objective :- To test the hybrid vigour of these progenies and to spot out the promising combinations.

Venue :- Coconut Research Station, Nileshtar.



Sl. No. 126

Code No. Ag. RES. 2. 5. 13

Title :-

Comparative study of T x D hybrids with the parenta types.

Objective :- To study the growth, yield and adaptability of hybrid progenies of Tall x Dwarf and to assess their hybrid vigour.

Venue :- Coconut Research Station, Nileshtar.



Sl. No. 127

Code No. Ag. RES. 2. 5. 14

Title :-

Prepotency studies in West Coast Tall.

Objective :- To study the possibility of choosing prepotent parents in West Coast Tall for Seed nut collection and to work out standards for selection of such prepotent parents.

Venue :- Coconut Research Station, Niloshwar.



Sl. No. 128

Code No Ag. RES. 2. 5. 15

Title :-

Comparative study of open pollinated progenies of T x D and the progenies of grand parent, West Coast Tall.

Objective :- To find out whether it would be advisable to use natural progenies of T x D hybrids for further propagation

Venue :- Coconut Research Station, Nileshtar.



Sl. No. 129 **Code No. Ag. RES. 2. 5 16**

Title :-

Study of cross progenies of exotic Tall varieties x Indigenous varieties.

Objective :- To test the hybrid vigour of these progenies and to spot out the promising combinations.

Venue :- Coconut Research Station, Nileshwar.

○

Sl. No. 130 **Code No. Ag. RES. 2. 5. 17**

Title :-

Introduction and study of exotic varieties in coconut.

Objective :- To study in detail the performance and adaptability of exotic varieties and to multiply the promising varieties.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 131 **Code No. Ag. RES. 2. 5. 18**

Title :-

Study of second selves and stigmatic progenies in coconut.

Objective :- To evolve inbred lines in coconut and to find out whether the hybrid vigour is met within the crosses between the first generation selves.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 132 **Code No. Ag. RES. 2. 5. 19**

Title :-

Study of Tall x Gangabondam crosses.

Objective :- To study the performance of hybrid progenies obtained by crossing six tall varieties viz. Laccadive ordinary, Laccadive small, Andaman Ordinary, Cochin China, West Coast Tall and Java with Gangabondam.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 133

Code No. Ag. RES. 2. 5. 20

Title :-

Study of *typica* x *s. icata* and the reciprocals.

Objective :- To find out whether the high female flower production of *spicata* could be introduced into *typica* to improve the yield potential of *typica*.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 134

Code No. Ag. RES. 2. 5. 21

Title :-

Studies on the inheritance of *spicata* characters.

Objective :- To study the inheritance of *spicata* characters in pure bred progenies of *spicata* (spikeless x spikeless) and spikeless x Dwarf crosses.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 135

Code No. Ag. RES. 2. 5. 22

Title :-

Comparative study of open pollinated progenies of T x D and their back cross progenies.

Objective :- To find out whether the open pollinated progenies of T x D hybrids can be used for raising commercial plantation with vigorous selection in the nursery stage.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 136

Code No. Ag. RES. 2. 5. 23

Title :-

Comparative study of NCD (natural cross dwarf) with true progenies of dwarf green and dwarf yellow.

Objective :- To compare the performance of NCD with that of green dwarf and yellow dwarf in respect of precocity yield potential, bearing habit and nut characters

Venue :- Coconut Research Station, Pilicode.

○

Sl No. 137

Code No. Ag. RES. 2. 5. 24

Title :-

Comparative study of different hybrids and West Coast Tall.

Objective :- To study the performance of different hybrids involving 15 parental combinations and to compare these hybrids with the West Coast Tall.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 138

Code No. Ag. RES. 2. 5. 25

Title :-

Study of off types of different dwarf varieties.

Objective :- To study the performance of off type seedling of six varieties viz Laccadive Dwarf, Strait settlement, Nyiurgading, NCD (natural cross dwarf), Green dwarf and orange Dwarf.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 139

Code No. Ag. RES. 2. 5. 26

Title :-

Effect of different dwarf pollen parents on growth, precocity in yield and nut characters of the resultant T x D hybrids.

Objective .- To study the influence of dwarf male parent on growth, and nut characters of hybrids in order to select promising dwarf types as pollen parents.

Venue :- Coconut Research Station, Pilicode.

○

Sl. No. 140

Code No. Ng. Co. 2. 8. 27

Title :-

Studies on the role of pathogenic nematodes and insects like mealy bugs in causing leaf rot and root wilt disease of coconut.

Objective :- To assess the role of pathogenic nematodes and insects like mealy bugs in causing leaf rot and root wilt diseases of coconut.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 141

Code No. Ag. RES. 2. 12. 28

Title :-

Disease resistance study of coconut hybrids.

Objective :- To study the performance and disease resistance of certain new hybrid lines of coconut under Kuttanad conditions.

Venue :- Rice Research Sub Station, Moncompu.

○

Sl. No. 142

Code No. Ag. CO. 2. 12. 29

Title :-

Studies on the leaf rot disease of coconut and evolution of proper curative methods.

Objective :- To confirm the experimental findings of the Pathology Division that boron applied either in the soil or on coconut leaves as foliar spray would control the disease.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 143

Code No. Ag. CO. 2. 12. 30

Title :-

Investigations on the root wilt disease of coconut and yellow leaf disease of arecanut

Objective :- To evolve proper methods for the control of leaf rot disease of coconut and yellow leaf disease of arecanut

Venue :- College of Agriculture, Vellayani.

5

(3) OIL SEEDS

Sl. No. 144

Code No. Ag. Co. 3. 1. 1

Title :-

Studies on the effect on the graded doses of Phosphorus (P) and Potassium (K) on the yield and oil content of sesamum.

Objective :- To find out the effect of graded doses of P and K on the yield and oil content of sesamum with a view to fix suitable doses of P and K under Vellayani conditions.

Venue :- College of Agriculture Vellayani.

○

Sl. No. 145

Code No. Ag. RES. 3. 5. 2

Title :-

Scheme for research on oil seeds-yield trial of multipoded mutant of Kayamkulam-4 sesamum.

Objective :- To conduct yield trial of the multipoded mutant of Kayamkulam-1 along with other varieties in the station.

Venue :- Rice Research Sub Station, Kayamkulam.

○

Sl. No. 146

Code No. Ag. RES. 3. 5. 3

Title :-

Scheme for research on oil seeds - Maintenance of varieties of sesamum.

Objective :- To maintain varieties of sesamum and to multiply the promising ones.

Venue :- Rice Research Sub Station, Kayamkulam

○

Sl. No. 147

Code No. Ag. RES. 3. 5. 4

Title :-

Scheme for research on oil seeds-Breeding work in Sesamum.

Objective :- To evolve high yielding varieties of Sesamum.

Venue :- Rice Research Sub Station, Kayamkulam.

○

(4) PULSES

Sl. No. 148

Code No. Ag. RES. 4. 5. 1.

Title :-

Yield trial of green gram.

Objective :- To select high yielding green gram.

Venue :- Rice Research Station, Pattambi.



Sl. No. 149

Code No. Ag. RES. 4. 5. 2

Title :-

Yielding trial of black gram.

Objective :- To select high yielding black gram varieties.

Venue :- Rice Research Station, Pattambi.



(5) SPICES

(a) PEPPER

Sl. No. 150

Code No. Ag. ICAR-5 (a). 1. 1.

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Pepper - Fertilizer trial.

Objective :- To find out the most economical and productive fertilizer schedule for pepper.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 151

Code No. Ag. ICAR-5 (a). 5. 2

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Pepper - Germplasm collection.

Objective :- To establish a germplasm bank and to screen varieties for desirable characters for breeding purposes.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 152

Code No. Ag. ICAR-5 (a). 5. 3

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Pepper - Intervarietal hybridization.

Objective :- To undertake hybridization of different parental combinations and study their performance besides comparing them with open pollinated seeds.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 153 Code No. Ag. ICAR-5(a). 5. 4

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project-Pepper-Comparative Yield Trial.

Objective :- To compare the yield potential of Panniyur-1 and 4 promising local varieties.

Venue :- Pepper Research Station, Panniyur.

○

Sl. No. 154 Code No. Ag. RES. 5(a). 5. 5

Title :-

Varietal collection of pepper.

Objective :- To collect and maintain exotic and indigenous varieties and types of pepper and to study their performance for providing basic materials for research.

Venue :- Pepper Research Station, Panniyur.

○

Sl. No. 155 Code No. Ag. RES. 5(a). 5. 6

Title :-

Morphological studies of pepper varieties and types.

Objective :- To study the morphological characters of different varieties and types of pepper in order to prepare a key for their classification.

Venue :- Pepper Research Station, Panniyur.

○

Sl. No. 255 Code No. Ag. RES 5(a). 5. 7

Title :-

Hybridization in Pepper.

Objective :- Hybridization among varieties possessing desirable characters to evolve varieties of outstanding merits

Venue :- Pepper Research Station Panniyur.

○

Sl. No. 157

Code No. Ag. RES. 5(a). 5. 8

Title :-

Blossom biological studies of varieties and types of Pepper.

Objective :- To undertake blossom biological studies of various varieties and types of pepper and to devise proper technique for controlled pollination.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 158

Code No. Ag. ICAR.5(a). 8. 9

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project-Pepper-Studies on 'Pollu'.

Objective :- Studies on fungal and 'Pollu' incidence in pepper by conducting combination trials.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 159

Code No. Ag. ICAR-5(a). 12. 10

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project-Pepper-Studies on diseases in pepper.

Objective :- To conduct a survey on the incidence of 'Quick wilt' in pepper and to evolve chemical control measures.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 160

Code No. Ag. ICAR. 5 (a) .12 .11

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Pepper - Studies on wilt disease in Pepper.

Objective :- To screen fungicides and nematicides for the control of wilt disease in pepper.

Venue :- Pepper Research Station, Panniyur.



Sl. No. 161 . Code No. Ag. RES. 5 (a) .12 .12

Title :-

Rajuvination trials in declined pepper gardens.

Objective :- To conduct cultural, manurial and fuungiaidal trials with a view to rejuvenate declined gardens affected by with disease.

Venue: Pepper Research Station, Panniyur.

○

Sl. No. 162 Code No. Ag. RES. 5 (a) .20 .13

Title :-

Growth regulator trial.

Objective : To study the effect of different growth regulators in controlling spike shedding in pepper.

Venue: Pepper Resarch Station, Panniyur.

○

Sl. No. 163 Code No. Ag. ICAR. 5 (a) .20 .14

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Pepper - Trial with standards.

Objective :- To study the efficiency of dead and live standards of pepper.

Venue :- University Main Campus, Vellanikkara.
Pepper Research Station, Panniyur.

○

(b) CARDAMOM

Sl. No. 164 Code No. Ag. ICAR. 5 (b) .1 .15

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Cardamom - Spacing Trial.

Objective :- To find out the optimum spacing for cardamom for getting economic yields.

Venue:- Cardamom Research Station, Pampadumpara.

○

Sl. No. 169

Code No. ICAR. 5 (b) .5 .20

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Cardamom - Hybridization.

Objective :- To study the poly cross seedling progenies for their yield performance.

Venue :- Cardamom Research Station Pampadumpara



Sl. No. 170

Code No. Ag. ICAR. 5 (b) .12 .21

Title:-

All India co-ordinated Spices and Cashewnut Project Cardamom - Seed Treatment studies.

Objective:- To study the effect of pre-sowing seed treatment with proprietary fungicides on the germination of cardamom seeds.

Venue:- Cardamom Research Station, Pampadumpara



Sl. No 171

Code No. Ag. ICAR. 5 (b). 12. 22

Title:-

All India Co-ordinated Spices and Cashewnut Improvement Project - Cardamom - studies on 'Azhukal' disease.

Objective:- To find out the etiology of the pathogen, its collateral hosts and to work for controlling the disease including Selection of resistant varieties.

Venue:- Cardamom Research Station, Pampadumpara.



Sl. No. 172

Code No. Ag. ICAR .5 (b) .12 .53

Title:-

All India Co-ordinated Spices and Cashewnut Improvement Project - Cardamom - Studies on 'Katte' disease.- 1.

Objective:- To identify different insects that are vectors of 'Katte' virus.

Venue:- Cardamom Research Station, Pampadumpara.



Sl. No. 177 Code No. Ag. RES. 5(c). 5. 28

Title :-

Germplasm collection of ginger.

Objective :- To establish a germplasm collection of exotic and indigeneous varieties of ginger and to study their yield potential and other character in order to isolate promising ones for extensive cult vation and distribution.

Venue :- Horticultural Research Station, Ambalavayal.



Sl. No. 178 Code No. Ag. RES. 5 (c). 5. 29

Title:-

Manurial trial on ginger.

Objective:- To find out an optimum manurial dosage for ginger for getting economic yield.

Venue:- Horticultural Research Station, Ambalavayal.



Sl. No. 179 Code No. Ag. RES. 5 (c). 5. 30

Title :-

Pilot Project on Ginger, Ambalavayal.

Objective:- To multiply and distribute improved varieties of ginger, vis. Rio-de-Janeiro and Maran among culti-
vators.

Venue:- Horticultural Research Station, Ambalavayal.



(d) TURMERIC

Sl. No. 180 Code No. Ag. RES. 5 (d) 5. 31

Title :-

Germplasm collection of Turmeric.

Objective :- To establish a germplasm collection of exotic and indogenous varieties/types of Turmeric and to study their yield potential and other economic characters with a view to isolate promising ones for extensive cultivation and distribution.

Venue :- Horticultural Research Station, Ambalavayal.



Sl. No. 181 Code No. Ag. ICAR. 6. 5. 1
Title:-
All India Co-ordinated Spices and Cashewnut Improvement Project - Germplasm collection.
Objective:- Germplasm collection and description of types and varieties.
Venue:- All India Co-ordinated Spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.



Sl. No. 182 Code No. Ag ICAR. 6. 5. 2
Title:-
All India Co-ordinated Spices and Cashewnut Improvement Project - Comparative yield trial
Objective:- Comparative yield trial with the existing high yielders of cashew.
Venue:- All India Co-ordinated Spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.



Sl. No. 183 Code No. Ag. ICAR. 6. 5. 3
Title:-
All India Co-ordinated Spices and Cashewnut Improvement Project - Comparative yield trial.
Objective:- Comparative yield trial of Anakkayam selections and hybrid progenies.
Venue:- All India Co-ordinated spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.



Sl. No. 184 Code No. Ag. ICAR. 6. 5. 4
Title :-
All India Co-ordinated Spices and Cashewnut Improvement Project-Hybridization Programme.
Objective;- Hybridization and selection in cashew.
Venue:- All India Co-ordinated Spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.



Sl. No. 185

Code No. Ag. RES. 6. 5. 5

Title :-

Multiplication trial plot, Anakkayam.

Objective:- To study the promising types of clonal progenies for their yield characters.

Venue:- Cashew Research Station, Anakkayam.



Sl. No. 186

Code No. Ag. RES. 6. 5. 6

Title :-

Effect of climate on expression of sex in cashew.

Objective:- To study the effect of climate on the expression of sex and their effect on yeild in BIA-139-1 type.

Venue:- Cashew Research Station, Anakkayam.



Sl. No. 187

Code No. Ag. RES. 6. 5. 7

Title :-

Comparative Yield Trial (Now)

Objective:- To study the performance of 16 promising types.

Venue:- Cashew Research station, Anakkayam.



Sl. No. 188

Code No. Ag. RES. 6. 5.8

Title :-

Studies on hybrid vigour.

Objective:- To study the hybrid vigour in Cashew.

Venue:- Cashew Research Station Anakkayam.



Sl. No. 189

Code No. Ag. RES. 6. 5. 9

Title :-

Hybridization and selection in cashew.

Objective:- To evolve superior varieties by hybridization and selection

Venue:- Cashew Research Station, Anakkayam.



SI. No. 190

Code No Ag. RES. 6. 5. 10

Title :-

Evolution of better varieties.

Objective:- To maintain collection of types and varieties to isolate superior ones for further multiplication or for breeding.

Venue:- Cashew Research Station, Anakkayam.

SI. No. 191

Code No. ICAR. 6. 20. 11

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project - Propagational trial in cashew.

Objective:- To find out the feasibility of adoption of budding and veneer grafting in cashew.

Venue:- All India Co-ordinated Spices and Cashewnut Improvement project, Mannuthy/Anakkayam.

SI. No. 192

Code No. Ag. ICAR. 6. 20. 12

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project-Growth regulator studies.

Objective:- To study the effect of plant growth regulators on fruit set and fruit drop in cashew.

Venue:- All India Co-ordinated Spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.

SI. No. 193

Code No, Ag. RES. 6. 20. 13

Title :-

Performance studies.

Objective :- To study the performance of cashew seedlings, layers, and grafts under field condition.

Venue :- Cashew Research Station, Anakkayam.



Sl. No. 194

Code No. Ag. ICAR. 6.1.14

Title :-

All India Co-ordinated Spices and Cashewnut Improvement Project, -Fertilizer Trial.

Objective :- To determine the most effective and economic dose of NPK fertilizer to bearing cashew trees.

Venue :- All India Co-ordinated Spices and Cashewnut Improvement Project, Mannuthy/Anakkayam.

○

Sl. No. 195

Code No. Ag. RES. 6. 1. 15

Title :-

Cultural trials on cashew.

Objective :- To study the efficacy of various cultural practices on the yield of cashew.

Venue :- Cashew Research Station, Anakkayam.

○

(7) ESSENTIAL OILS

Sl. No. 196

Code No. Ag. RES. 7. 1. 1

Title :

Yield trials of lemongrass types.

Objective :- To conduct preliminary yield trials, comparative yield trials and bulk trials with various promising types of lemongrass.

Venue :- Lemongrass Research Station, Odakkali.



Sl. No. 197

Code No. Ag. RES. 7. 1. 2

Title :-

Fertilizer trial in lemongrass

Objective :- To conduct a fertilizer trial with graded doses of Nitrogen for getting economic yield.

Venue :- Lemongrass Research Station, Odakkali.



Sl. No. 198

Code No. Ag. RES. 7. 5. 3

Title :-

Study of mutants of lemongrass.

Objective :- To compare the performance of induced mutants of the variety OD-19.

Venue :- Lemongrass Research Station, Odakkali.



Sl. No. 199

Code No. Ag. RES. 7. 5. 4

Title :-

Germplasm collection in lemongrass.

Objective :- To collect varieties and types and to maintain a germplasm bank for research purposes.

Venue :- Lemongrass Research Station, Odakkali.

(8) FRUITS

(a) BANANA

Sl. No- 200

Code No. Ag. ICAR- 8(a). 1. 1

Title :-

**All India Co-ordinated Fruit Improvement Project—
Banana and Pineapple - Water requirement studies
in banana.**

**Objective :- To fix the water requirement of banana in
relation to physiological stages of crop growth.**

Venue :- Banana Research Station, Kannara.

○

Sl. No. 201

Code No. Ag. ICAR. 8(a). 1. 2

Title :-

**All India Co-ordinated Fruit Improvement Project -
Banana and Pineapple - Trace element studies.**

**Objective :- To study the effect of trace elements on the
growth and yield of banana.**

Venue :- Banana Research Station, Kannara.

○

Sl. No. 202

Code No. Ag. ICAR. 8(a) .1 .3

Title :-

**All India Co-ordinated Fruit Improvement Project -
Banana and Pineapple - Nutritional studies in Robusta
banana.**

**Objective :- To find out the optimum requirement of NPK
for banana and to correlate it with leaf analysis.**

Venue :- Banana Research Station Kannara.

○

Sl. No. 203

Code No. Ag. RES. 8 (a). 1. 4

Title :-

Banana Research Scheme - Ratooning trial in banana.

Objective :- To study the performance of promising dwarf varieties under ratooning.

Venue :- Banana Research Station, Kannara.

○

Sl. No. 204

Code No. Ag. RES. 8 (a). 1. 5

Title :-

Banana Research Scheme - Season of planting trial.

Objective :- To study the influence of season on the growth and yield of two varieties of banana viz. Robusta and Nendran.

Venue :- Banana Research Station, Kannara.

○

Sl. No. 205

Code No. ICAR 8 (a). 5. 6

Title :-

All India Co-ordinated Fruit Improvement Project - Banana and Pineapple - Control of weeds in banana with the aid of herbicides.

Objective :- i. Survey of weed flora.

ii. To find out suitable herbicides which will control a broad spectrum of weeds.

iii. To study the effect of herbicides on quality and yield of banana.

iv. Economics of weed control with herbicides.

Venue :- Banana Research Station, Kannara.

○

Sl. No. 206

Code No. Ag. ICAR. 8 (a). 5. 7

Title :-

All India Co-ordinated Fruit Improvement Project - Banana and Pineapple - Improvement of banana by introduction and selection.

Objective:- i. Introduction and testing of indigenous and exotic varieties of banana.
ii. To study the comparative performance of 4 improved dwarf varieties of banana viz. Robusta, Monsmarie, Pemma Pacha and Giant Governor.
Venue:- Banana Research Station, Kannara.



SI. No. 207 Code No. Ag. RES. 8(a). 5. 8
Title :-

Banana Research Scheme-Varietal trial of banana under rainfed conditions.

Objective:- To conduct studies on the comparative merits of 5 varieties of banana viz - Robusta, Dwarf Cavendish, Poovan Palayankodan and GrosMichel under rainfed conditions.

Venue:- Banana Research Station, Kannara.



SI No. 208 Code No. Ag. ICAR. 8(a). 8. 9
Title :-

All India Co-ordinated Fruit Improvement project-Banana and Pineapple-Studies on nematode parasites on banana.

Objective.- To evaluate various nematicides to control Radopholus similis and root knot nematode.

Venue - Banana Research Station, Kannara.



SI. No. 209 Code No. Ag. ICAR. 8(a). 8. 10
Title :-

All India Co-ordinated Fruit Improvement Project-Banana and Pineapple Studies on Bunchy Top disease of banana - control of aphids.

Objective:- To find out the best insecticide to control aphids transmitting Bunchy top disease.

Venue :- Banana Research Station, Kannara.

Sl. No. 210

Code No. Ag. RES. 8(a). 8. 11

Title :-

Banana Research Scheme-Granular insecticide trial.

Objective:- To find out the comparative merits and most economic dose of solvirex, Thimet and Furadan on the control of banana aphids transmitting Bunchy Top disease.

Venue :- Banana Research Station, Kannara.



Sl. No. 211

Code No. Ag. Co. 8(a). 8. 12

Title :-

Studies on the comparative efficacy of systemic insecticides in controlling the insect vector of the Bunchy Top disease of Banana.

Objective :- To screen out the most effective systemic insecticide to control the vector of the bunchy top disease.

Venue :- College of Agriculture, Vellayani.



Sl. No. 212

Code No. Ag. ICAR. 8 (a). 12. 13

Title :-

All India Co-ordinated Fruit Improvement Project-
Banana and Pineapple-Survey of banana diseases.

Objective:- To survey the locations where various banana diseases are prevalent and assess their intensity.

Venue:- Banana Research Station, Kannara.



Sl. No. 213

Code No. Ag. ICAR. 8 (a). 12. 14

Title :-

All India Co-ordinated Fruit Improvement Project-
Banana and Pineapple-Studies on Bunchy Top disease
of banana.

Objective:- To screen varieties for their resistance to Bunchy Top disease.

Venue:- Banana Research Station, Kannara.

Sl. No. 214 Code No. Ag. ICAR. 8 (a). 12. 15

Title :-

All India Co-ordinated Fruit Improvement Project -
Banana and Pineapple-Control of leaf spot disease of
banana.

Objective:- To study the effect of different fungicides on the
control of leaf spot disease in Dwarf Cavendish banana.

Venue:- Banana Research Station, Kannara.

○

Sl. No. 215 Code No. Ag. No. 8. (a). 12. 16

Title :-

Studies on the bio-chemical nature of resistance of
banana varieties to bunchy top disease.

Objective :- To study in detail the bio-chemical properties of
tolerent and susceptible varieties of banana to bunchy
top disease.

Venue :- College of Agriculture, Vellayani.

○

(b) PINEAPPLE

Sl. No. 216 Code No. Ag. ICAR. 8 (b). 1. 17

Title :-

All India Co-ordinated Fruits Improvement Project -
banana and pineapple - Population density trial in
pineapple variety 'kew'

Objective :- To find out the most optimum population density
for 'kew' variety of pineapple for maximum production.

Venue :- Pineapple Research Centre, University Main
Campus, Vellanikkara.

○

Sl. No. 217 Code No. Ag. ICAR. 8 (b). 1. 18

Title :-

All India Co-ordinated Fruits Improvement Project -
Banana and Pineapple - Nutritional studies in pineapple
variety 'kew'

Objective :- To find out the optimum dose of urea as foliar spray in combination with soil application for pineapple.

Venue :- Pineapple Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 218

Code No. Ag. ICAR 8 (b) 5. 19

Title :-

All India Co-ordinated Fruits Improvement Project - Banana and Pineapple - Weedicide Trial in Pineapple.

Objective :-

To control weed in pineapple with the aid of herbicides to study the effects of herbicides on quality and yield and to work out economics of weed Control with herbicides.

Venue :- Pineapple Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 219

Code No. Ag RES. 8 (b) 5 20

Title :-

Scheme for research on pineapple varietal trial in pineapple.

Objective :- Introduction and testing of varieties of pineapple both indigenous and exotic for dessert and canning purposes.

Venue :- Banana Research Station, Kannara.

Pineapple Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 220

Code No. Ag. RES. 8 (b) 5. 21

Title :-

Scheme for research on pineapple - weedicide trial - series - II.

Objective :- To study the effect of herbicides viz. Diuron, Bromacil, Tok-E. 25 and Gramoxone on the control of a broad spectrum of weeds.

Venue :- Pineapple Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 221

Code No. Ag. RES. 8(b). 20. 22

Title :-

Pineapple Research Scheme - Studies on growth regulators.

Objective :- To find out the most optimum dose of Ethrel and NAA to induce flowering in pineapple under the prevailing conditions.

Venue :- Pineapple Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 222

Code No. Ag. ICAR (b). 20. 23

Title :-

All India Co-ordinated Fruits Improvement Project-
Banana and Pineapple - Growth Regulator trials in
Pineapple.

Objective :- To find out the effects of plant growth regulators on fruit size and maturity of 'kew' pineapple.

Venue :- Pineapple Research centre, University Main campus, Vellanikkara.

○

Sl. No. 223

Code No. Ag. ICAR. 8(b). 20. 24

Title :-

All India Co-ordinated Fruits Improvement Project-
Banana and Pineapple - growth regulator trials in
pineapple.

Objective :- To standardize the time of application of growth regulators for suckers and crowns.

Venue :- Pineapple Research Centre, University Main Campus Vellanikkara.

○

Sl. No. 224

Code No. Ag. ICAR. 8(b). 20. 25

Title :-

All India Co-ordinated Fruits Improvement Project-
Banana and Pineapple-Growth regulator trials-Adaptive
trials for induction of flowering in pineapple.

Objective :- To find out the best growth regulator in inducing flowering in pineapple at different locations.

Venue :- Pineapple Research Centre, University Main campus, Vellanikkara.

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(9) VEGETABLES & TUBER CROPS

Sl. No. 225

Code No. Ag. CO. 9. 1. 1

Title :-

Effect of soil and foliar application of phosphorus to cowpea variety 'New era'.

Objective:- To study the effect of soil and foliar application of phosphorus on the yield of cowpea var-New era in acidic red loam soils.

Venue:- College of Agriculture, Vellayani.



Sl. No. 226

Code No. Ag. CO. 9. 1. 2

Title :-

Nitrogen-phosphorus-potash trial on cowpea.

Objective:- To find out the optimum doses of nitrogen, phosphorus and potash for cowpea.

Venue:- Rice Research Station, Pattambi.



Sl. No. 227

Code No. Ag. Co. 9. 1. 3

Title:-

Threshold activity ratio of K (potash) or exhaustion potential of K for cassava in the red loam soils of Kerala.

Objective:- To find out the threshold activity ratio of K by intensive cropping with cassava.

Venue:- College of Agriculture Vellayani.



Sl. No. 228

Code No. Ag. CO. 9. 1. 4

Title:-

Scheme for the preservation of fresh tapioca tuber.

Objective:- To investigate ways and means of preserving harvested tapioca in a fresh condition.

Venue:- College of Agriculture, Vellayani.

Code No. Ag. Co. 9. 5. 5

Sl. No. 229

Title :-

Scheme for the improvement of vegetable crops.

Objective:- 1. Introduction of new varieties of vegetables from other parts of India and maintenance of a germplasm.

2. To evolve through hybridization superior varieties of vegetables commonly cultivated in Kerala.

3. Multiplication and distribution of seeds of high yielding varieties of vegetables.

Venue:- College of Agriculture, Vellayani.



Code No. Ag. Co. 9. 5. 6.

Sl. No. 230

Title :-

Exploitation of hybrid vigour and its utility in the hybrid seed production of Bhindi for intensive cultivation.

Objective :- To estimate the extent of expression of vigour in inter-varietal hybrids of selected parental types in bhindi and to examine the feasibility of its practical application on a commercial scale.

Venue :- College of Agriculture, Vellayani.



Sl. No. 231

Code No. Ag. Co. 9. 5. 7.

Title:-

Studies on the effect of F. W. 450 on flowering, pollination and fruit set in cowpea.

Objective:- To standardize the concentration of gametocide F. W. 450 with the time of application that would produce complete sterility in cowpea so that the tedious process of hand emasculation can be replaced by using selection gametocides for inducing male sterility.

Venue:- College of Agriculture, Vellayani.



Sl. No. 232

Code No. Ag. RES. 9. 5. 8

Title :-

Yield trial in cowpea.

Objective :- To select high yielding cowpea varieties.

Venue :- Rice Research Station, Pattambi.



Sl. No. 233

Code No. Ag. RES. 9. 5. 9

Title :-

Breeding for improved varieties of cowpea.

Objective :- To evolve high yielding cowpea varieties by hybridization and selection.

Venue :- Rice Research Station, Pattambi.



Sl. No. 234

Code No. Ag. Co. 9. 5. 10

Title :-

Embryogeny in chillies.

Objective :- To study the differences and similarities in the process of gametogenesis, embryo development and embryo organisation between the diploid and polyploid chilli species.

Venue :- College of Agriculture, Vellayani.



Sl. No. 235

Code No. Ag. Co. 9. 8. 11

Title :-

Studies on the inter relationships between nitrogen fixing bacteria and root-knot nematodes of cowpea.

Objective :- To determine whether root knot nematode infestation affects the nitrogen fixation in soil by its effect on nodule bacteria.

Venue :- College of Agriculture, Vellayani.



Sl.No. 236 Code No. Ag.Co.9.12.12

Title:-

Studies on the viral disease of vegetables in Kerala.

Objective:- To take up a detailed study on viral diseases of important vegetable crops and to study the mode of transmission and host range, screening of different varieties and to suggest methods of control.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 237 Code No. Ag Co.9.12.13

Title:-

Evolution of wilt resistant varieties of tomato.

Objective:- To introduce wilt resistant varieties of tomato from other countries and to incorporate resistant gene into the local varieties by hybridization.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 238 Code No. Ag.Co.9.12.14

Title:- Control of Bacterial Wilt of tomato.

Objective:- To control the disease by reducing the level of inoculum of the pathogen in the soil as the pathogen is soil borne.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 239 Code No. Ag.Co.9.19.15

Title:-

Optimum plot size for experiments on tapioca.

Objective:- To arrive at optimum plot size for experiments on tapioca.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 240

Code No. Ag.Co.9.20.16

Title:-

Effect of 'Ethereal' on growth, yield and quality of coleus (koonrka).

Objective:- To study the effect of 'etheral' (hormone) on growth, yield and quality of coleus in the red loam soils.

Venue:- College of Agriculture, Vellayani.



(10) FORAGE CROPS

Sl. No. 241

Code No. Ag. ICAR. 10. 1. 1.

Title:-

Co-ordinated Project for Research on Forage Crops.
Fertilizer-cum-interval of cutting trial on Guinea grass.

Objective:- To find out the optimum fertilizer dosage and interval of cutting of guinea grass under rainfed conditions for economic production.

Venue:- College of Agriculture Vellayani.

○

Sl.No. 242

Code No. Ag.ICAR.10.1.2

Title:-

Co-ordinated Project for Research on Forage Crops -
Intercropping of pulses with Guinea grass in coconut gardens.

Objective:- To intercrop pulses with Guinea grass in coconut gardens to assess their suitability.

Venue:- College of Agriculture, Vellayani.

○

Sl.No.243

Code No. ICAR.10.1.3

Title:-

Co-ordinated Project for Research on Forage Crops
Spacing-cum-organic manure for Guinea grass (as an intercrop) in coconut gardens.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 244

Code No. Ag.ICAR.10.5.4

Title:-

Co-ordinated Project for Research on Forage Crops -
Evaluation trials of crops.

Objective:- To conduct evaluation trials of varieties of hybrid Napier, Velvet bean, Dinanath grass, Sorghum, maize and cowpea.

Venue:- College of Agriculture, Vellayani.

○

Sl.No. 245

Code No.Ag.ICAR.10.5.5

Title:-

**Co-ordinated Project for Research on Forage Crops.
Performance studies of Guinea and Hybrid Napier
grasses.**

**Objective:- To study the comparative performance of Guinea
and Hybrid Napier grasses in the open and in coconut
gardens.**

Venue:- College of Agriculture, Vellayani.

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(11) FLORICULTURE

Sl. No. 246

Code No. Ag. ICAR 11. 1. 1

Title :-

All India Co-ordinated Floriculture Improvement Project.
Improvement in the method of cultivation of rose.

Objective:- To conduct trials on spacing, manuring and pruning of rose for getting better quality bloom.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.

○

Sl. No. 247

Code No. Ag. ICAR. 11. 1. 1.

Title :-

All India Co-ordinated Floriculture Improvement Project.
Improvement in cultural practices of orchards.

Objective:- To bring forth improvements in cultural, manurial irrigation, plant protection and other management practices in orchards.

Venue:- Floriculture Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 248

Code No. Ag. ICAR 11. 1. 3.

Title :-

All India Co-ordinated Floriculture Improvement Project.
Improvement in method of cultivation of bulbous plants.

Objective:- To improve the method of cultivation of bulbous plants for the production of corms and cut flowers.

Venue :- Floriculture Research Centre, University Main campus, Vellanikkara.

○

Sl. No. 249

Code No. Ag. ICAR. 11.1.4.

Title:-

All India Co-ordinated Floriculture Improvement Project-
Improvement in Agro-techniques.

Objective:- To standardise improved agrotechnics for obtaining higher yield and better quality in Jasmine and other annuals (Petunia, Aster and Mary gold) and to improve seed production technique.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.

○

Sl. No. 250

Code No. Ag. ICAR. 11.5.5

Title:-

All India Co-ordinated Floriculture Improvement Project
Testing varieties of roses.

Objective:- To test various varieties of roses for their suitability for export as cut flowers.

Venue:- Floriculture Research Centre, University Main Campus, Vellanikkara.

○

Sl. No. 251

Code No. Ag. ICAR. 11.5.6

Title:-

All India Co-ordinated Floriculture Improvement Project
Collection and maintenance of orchids viz.

Vanda, Dendrobium, Cattleya and Cymbidium

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.

○

Sl. No. 252

Code No. Ag. ICAR. 11.5.7

Title:-

All India Co-ordinated Floriculture Improvement Project - Hybridization programme in orchids.

Objective:- To develop new hybrids in orchid genera.

Venue:- Floriculture Research Centre, University Main campus Vellanikkara.



Sl. No. 253

Code No. Ag. ICAR. 11. 5. 8

Title:-

All India Co-ordinated Floriculture Improvement Project -

Collection and maintenance of bulbous plants and evolve improved varieties.

Objective:- To collect and maintain different species, types and varieties of bulbous plants viz. Gladiolus, Amaryllus, tuberose, and Lillium.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.



Sl. No. 254

Code No. Ag. ICAR. 11. 5. 9

Title:-

All India Co-ordinated Floriculture Improvement Project. Collection and maintenance of Bougainvilleas, Hibiscus and Ixora.

Objective:- To collect and maintain various species and varieties of Bougainvilleas, Hibiscus and ixora including development of new varieties.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.



Sl. No. 255

Code No. Ag. ICAR. 11. 5. 10

Title:-

All India Co-ordinated Floriculture Improvement Project-Collection and assessment of types and varieties of jasmine and other annual flowering plants.

Objective:- To collect and maintain various types and varieties of Jasmine and other annuals viz. Petunia, Aster and Mary gold and develop improved varieties by hybridization and mutation.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.



Sl. No. 256

Code No. Ag. ICAR. 11. 12. 11

Title:-

All India Co-ordinated Floriculture Improvement Project
Plant Protection trials in rose.

Objective:- To conduct trials on the control of various pests and diseases in rose.

Venue:- Floriculture Research Centre, University Main Campus, Vellanikkara.



Sl. No. 257

Code No. Ag. ICAR. 11. 20. 12

Title:- All India Co-ordinated Floriculture Improvement Project - Rootstock trial.

Objective:- To select optimum rootstock for rose under different agro-climatic conditions.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.



Sl. No. 258

Code No. Ag. ICAR. 11. 20. 13

Title:-

All India Co-ordinated Floriculture Improvement Project - Storage trial in rose.

Objective:- To standardise the methods of storage, pre-treatment and packing of cut flowers for export.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.



Sl. No. 259

Code No. Ag. ICAR. 11. 20. 14

Title:-

All India Co-ordinated Floriculture Improvement Project - Storage trials in bulbous plants.

Objective:- To standardise the method of storage, pre-treatment and packing of Gladiolus cut flower.

Venue:- Floriculture Research Centre, University Main campus, Vellanikkara.

○

Sl. No. 260

Code No. Ag. ICAR. 11. 20. 15

Title:-

All India Co-ordinated Floriculture Improvement Project - Vegetative Propagation trials.

Objective:- To improve the methods of propagation of Bougainvilleas, Hibiscus and Ixora.

Venue:- Floriculture Research Centre, University Main Campus, Vellanikkara.

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VETERINARY AND ANIMAL SCIENCES

(12) CATTLE

Sl. No. 261

Code No. VA. ICAR. 12. 1. 1

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural byproducts and industrial waste materials – Investigations on tapioca leaf meal.

Objective:- To conduct studies on the effect of periodical defoliation on tuber production.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 262

Code No. V A. 12. 3. 2

Title:-

Relationship of blood constituents in heifers to their further milk producing ability.

Objective:- To determine whether the blood picture of heifers has any correlation to their milk producing ability.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 263

Code No. V A. ICAR. 12. 4. 3

Title:-

ICAR Project on Infectious Abortion.

Objective:- To detect the occurrence and distribution of various microbial agents associated with the causation of abortions and still-births in divergent classes of livestock in organised herds and in selected rural areas in Kerala and to formulate suitable measures to limit their spread and for ultimate eradication.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl. No. 264 Code No. VA ICAR. 12. 64.

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By-products and Industrial waste materials- Investigations on Tapioca leaf meal.

Objective:- To conduct toxicological studies with tapioca leaves.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 265 Code No. VA. ICAR. 12. 6. 5

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By products and Industrial waste materials- Investigations on Tapioca leaf meal.

Objective:- To conduct studies on the isolation and identification of tapioca leaf protein.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl. No. 266 Code No, VA. ICAR. 12. 10. 6

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By products and Industrial waste materials- Investigations on silk cotton seed cake.

Objective:- To evaluate the feeding value of silk cotton seed cake for promoting growth in calves.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 267 Code No. VA. ICAR. 12.10. 7

Title:-

All India Co-ordinated Research Project for investigations on Agricultural By-products and industrial waste materials- Investigations on silk cotton seed cake.

Objective:- To conduct feeding trials with silk cotton seed cake in lactating cows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 268

Code No. VA. ICAR. 12. 10. 8

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By-products and industrial waste materials-Investigations on tapioca starch waste.

Objective:- To study the effect of feeding tapioca starch waste on milk production in cows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 269

Code No. VA. ICAR. 12. 10. 9

Title:-

All India Co-ordinated Research project for Investigations on Agricultural By products and Industrial waste materials-Investigations on tapioca starch waste.

Objective:- To study the effect of feeding tapioca starch waste on milk production in cows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 270

Code No. VA. ICAR. 12. 10. 10

Title:-

All India Co-ordinated Research project for Investigations on Agricultural By products and Industrial waste materials-Investigations on tapioca starch waste.

Objective:- To study the effect of feeding tapioca starch waste on the growth of calves.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 271 Code No. VA. ICAR. 12. 10. 11

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By products and Industrial waste materials---Investigations on tapioca starch waste.

Objective:- To study digestability and balance, to determine the nutritive value of tapioca starch waste for cattle.

Venue:- College of Veterinary & Animal Sciences, Mannuthy

○

Sl. No. 272 Code No. VA. ICAR. 12. 10. 12

Title:-

All India co-ordinated Research Project for Investigations on Agricultural Byproducts and Industrial waste materials—Investigations on tapioca leaf meal.

Objective:- To conduct study on the effect of feeding tapioca leaf meal on milk production in cows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 273 Code No. VA. ICAR. 12.10 .13

Title :-

All India Co-ordinated Research Project for Investigations on Agricultural By-products and Industrial waste materials—Investigations on tapioca leaf meal.

Objective:- To conduct study on the effect of feeding tapioca leaf meal on the growth of calves.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 274 Code No. VA. ICAR. 12. 10. 14

Title :-

All India Co-ordinated Research Project for Investigations on Agricultural By-products and Industrial waste materials for evolving economic rations for livestock. Investigations on tapioca leaf meal.

Objective:- Digestibility and balance studies to determine the nutritive value of tapioca leaf meal.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 275

Code No. VA. ICAR. 12. 10. 15

Title :-

All India Co-ordinated Research Project for Investigations on Agricultural Byproducts and Industrial waste materials—Long term studies with *sal* seed meal.

Objective:- To conduct feeding trials on cattle with *sal* seed meal.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 276

Code No. VA. Co. 12. 10 .16

Title :-

A comparative study on the feed utilisation of local and cross-bred cows.

Objective:- To find out the feed utilisation efficiency of Sindhi and Sindhi Jersey cross-bred cows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 277

Code No. VA. Co. 12. 12. 17

Title:-

Studies on pathological conditions of mammary glands of cattle and goats.

Objective:- To investigate the incidence, nature and distribution of lesions affecting mammary glands in cattle and goats by examination of specimens collected from slaughter houses and procured at autopsy of dead farm animals.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 278

Code No. VA. Co. 12. .12. 18

Title:-

Experimental studies on weed toxicity in cattle.

Objective:- To study the symptomatology of a peculiar toxic syndrome observed in cattle on consuming certain varieties of weeds found abundantly in lands and to formulate effective therapeutic measures.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 279

Code No. VA. Co. 12. 12. 18

Title :-

Studies on necrosis of the extremities in cattle.

Objective:- To investigate the causes responsible for necrosis and to suggest suitable therapeutic and control measures.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

(13) PIGS

Sl. No. 28

Code No. VA. Co. 13. 3. 1

Title :-

Studies on Mortality of pigs in Mannuthy Pig Farm.

Objective:- To find out whether there is any correlation between breed and mortality in pigs.

Venue:- College of Veterinary & Animal sciences, Mannuthy.



Sl. No. 281

Code No. V A. Co. 13. 3. 2

Title:-

Studies on the breeding efficiency of Pigs as influenced by Season.

Objective.- To study the influence of season on the litter size, length of gestation and sex ratio in large white pigs in Kerala.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 282

Code No. VA. ICAR 13. 4. 3

Title :-

Studies on Porcine Enterovirus in Kerala.

Objective: 1. To explore the extent of prevalence of enterovirus in pigs in the State.

2. To assess the pathogenic role of enterovirus in the disease of swine and to investigate the factors associated with enterovirus infection.

3. To identify the characters of the virus.

4. To suggest suitable remedial measures.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 283

Code No. VA. Co. 13. 4. 4

Title:-

Studies on the etiology of gastroenteritis in pigs.

Objective:- To carry out a detailed study of bacterial species associated with digestive disturbances in pigs.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl. No. 284

Code No. VA. 13. 4. 5

Title:-

Studies on bacterial species associated with digestive disturbance in pigs.

Objective:- To study the important bacterial organism associated with digestive disturbances in pigs (Enterobacteriaceae) and to formulate possible control measures.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 285

Code No. VA. ICAR. 13 10. 6

Title:-

All India Co-ordinated Research Project for Investigations on agricultural Byproducts.

Investigations on tapioca starch waste.

Objective:- To conduct studies on the effect of feeding tapioca starch waste on the growth of pigs and on their carcass quality at the age of 7 months.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 286

Code No. VA. ICAR. 13. 6. 7

All India Co-ordinated Research Project for Investigations on Agricultural By products.

Investigations on tapioca starch waste.

Objective :- To conduct studies on the nutritive value of tapioca starch waste in pigs.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

S. No. 287

Code No. VA. ICAR. 13. 10. 8

Title :-

All India Co-ordinated Research for Investigations on Agricultural By products.

Investigations on tapioca starch waste.

Objective :- To study the effect of feeding tapioca starch waste on body weight, feed efficiency, nutritional status and carcass characteristics in pigs.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 288

Code No. VA. ICAR. 13 10. 9

Title :-

All India Co-ordinated Research Project for Investigations on Agricultural by products.

Investigations on silk cotton seed cake.

Objective :- To evaluate the nutritive value of silk cotton seed cake for pigs.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No 289

Code No. VA. ICAR. 13. 10. 10

Title :-

All India Co-ordinated Research Project for Investigations on Agricultural Byproducts.

Investigations on silk cotton seed cake.

Objective :- To investigate the feeding value of silk cotton seed cake for promoting growth in pigs.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl.No. 290

Code No. VA. CO. 13. 10. 11

Title:-

A preliminary study on nutritive value of African snails of Palghat.

Objective:- To determine the nutritive value of land snails and their effective utilisation as a feed ingredient for pigs.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 291

Code No. VA. Co. 18. 10. 12

Title:-

Evaluation of nutritive value of tea waste in swine rations.

Objective:- To evolve economic ration for swine.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 292

Code No. VA. CO. 13. 11. 13

Title:-

Biometrics of spermatozoa of boars.

Objective:- To study the effect of age, breed and season on the biometrics of spermatozoa of boars.

Venue:- College of Veterinary & Animal Sciences, Mannuthy

○

Sl. No. 293

Code No. VA. CO. 13. 11. 14

Title :-

Effect of early weaning on the reproductive performance of sows.

Objective:- To study how early a sow could be bred after farrowing.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 294

Code No. VA. CO. 13. 11. 15

Title :-

Studies on the preservation of boar semen in various extenders.

Objective:- To test the efficiency of various extenders for preservation of boar semen in order to evolve a suitable diluent for artificial insemination in sows.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 295

Code No. VA. CO. 13. 12. 16

Title:-

Pathology of the Endocrine glands in cattle, goats and pigs

Objective:- 1. To elucidate the etiopathology of endocrinological reproductive disorders in animals.

2. To study the endocrinological changes in Johne's disease in goats and to evaluate its influence on pathogenesis of the condition.

3. To study the pathogenesis and pathology of autoimmune thyroiditis in pigs.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No 296

Code No. VA. CO. 13. 13.17

Title:-

Epidemiology, pathogenesis and pathology of necrosis of tail in buffaloes.

Objectives: 1. To study the epidemiology, pathogenesis and pathology of necrosis of tail in buffaloes and to establish the nature of its etiology.

2. To evolve suitable measures to control the disease.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 297

Code No. VA. CO. 13. 14. 18

Title :-

Studies on blood level and toxicity of Erythromycin in pigs.

Objective:- To gather more information on the behaviour of the drug Erythromycin in pigs.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

(14) GOATS

Sl. No. 298

Code No. VA. CO. 14. 2. 1

Title:-

Post-natal development of testis and epididymis in cross-bred goats.

Objective:- To establish the age of sexual maturity in cross-bred goats and to make a comparative study with Malabari goats.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl.No. 299

Code No. VA. ICAR. 14. 3. 2

Title:-

All India Co-ordinated Research Project on Goats for Milk production.

Studies on nutrition, physiology and management of goats

Objective:- To take up ancillary studies on nutrition, physiology, management and disease control of new breeds of goat

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 300

Code No. VA. ICAR 14. 3. 3

Title:-

All India Co-ordinated Research project on Goats for Milk production.

Adaptability trials of new breeds of goat.

Objective:- To study the adaptability of new breeds of goats under rural conditions of housing and management.

Venue:- College of Veterinary & Animal Sciences Mannuthy



Sl. No. 301 Code No. VA. ICAR 14. 3. 4
Title :-
All India Co-ordinated Research Project on Goats for Milk Production.
Studies on processing and technology of goat milk.
Objective :- To undertake studies on processing and technology of goat milk.
Venue :- College of Veterinary and Animal Sciences, Mannuthy.

Sl. No. 302 Code No. VA. CO. 14. 4. 5
Title :-
Studies on bacterial species associated with pneumonia in goats.
Objectives :- a) Isolation of bacterial species involved in pneumonic lesions in goats.
b) Detailed studies on the isolates based on their morphological, cultural, biochemical and biological characters.
c) Typing of the species of bacterial organism isolated by standard techniques.
d) Studies on antibiotic sensitivity of the isolates.
e) Evolution of remedial measures in the light of above findings.
Venue :- College of Veterinary and Animal Sciences Mannuthy.

Sl. No. 303 Code No. VA. CO. 14. 10. 6
Title :-
Establishment of feeding standards for goats.
Objective :- Scientific feeding of goats.
Venue :- College of Veterinary and Animal Sciences Mannuthy.

Sl. No. 304

Code No. VA. ICAR. 14. 10. 7

Title:-

All India Co-ordinated Research Project for Investigations on Agricultural By-products.

Investigations on silk cotton seed cake.

Objective:- To study the effect of feeding silk cotton seed on growth and milk production in goat.

Venue:- College of Veterinary and Animal Sciences, Mannuthy



Sl.No. 305

Code No. VA. ICAR. 14. 10. 8

Title:-

All India Co-ordinated Research Project on goats for Milk Production.

Studies on chemical and bacteriological quality of goat milk.

Objective:- To take up studies on chemical and bacteriological quality of goat milk.

Venue:- College of Veterinary and Animal Sciences, Mannuthy.



Sl.No. 306

Code No. VA. ICAR. 14. 11. 9

Title:-

Physical, histological and histochemical studies on corpus luteum during pregnancy in sheep and goat.

Objective.- To study the biometry, histology and histochemistry of corpus luteum of pregnancy during the first second and third trimester of gestation in sheep and goats.

Venue:- College of Veterinary and Animal Sciences, Mannuthy.



Sl.No. 307

Code No. VA. CO. 14. 11. 10

Title:-

Studies on the pathology of testes and epididymis of goats.

Objective:- To investigate the common pathological lesions of testis and epididymis of goats.

Venue:- College of Veterinary and Animal Sciences, Mannuthy.



Sl.No.308

Code No. VA. ICAR. 14. 11. 11

Title:-

All India Co-ordinated Research Project on goats for Milk Production.

Testing programme of new breeds of goat in respect of milk production and feed conversion.

Objective:- To evolve different combinations of crosses of the local breeds with the exotic breeds and to test their performance in respect of total milk production and economics of feed conversion.

Venue:- College of Veterinary and Animal Sciences, Mannuthy.



Sl.No. 309

Code No. VA. ICAR. 14. 11. 12

Title:-

All India Co-ordinated Research Project on Goats for Milk Production.

Breeding programme on goats for milk production.

Objective:- To evolve a new breed/breeds of milk goats. suitable for different agro-climatic conditions.

Venue:- College of Veterinary and Animal Sciences, Mannuthy.



Sl. No. 310

Code No. VA. CO. 14. 12. 13

Title :-

Aflatoxicosis in goats.

Objective:- To study the effect of ingestion of levels of aflatoxin for periods of 4 years or more on the productivity, breeding performance, weight gain and alterations in the tissue histology of goats including the progeny of the experimental animals.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 311

Code No. VA. CO. 14. 12. 14

Title :-

Experimental study of pathology of Hypothyroidism in goats.

Objective:- Sub-clinical hypothyroid state is known to be common in animals, particularly in goats. It is also known that incidence of hypothyroidism is relatively high in animals in the coastal areas, possibly caused by naturally occurring goitrogens. This study will serve as an experimental model of the hypothyroid state of varying degrees and will help to assess the natural hypothyroid state in goitre and its influence on growth and production.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 312

Code No. VA. CO. 14. 14. 15

Title:-

Studies on gastro-intestinal nematodes with special reference to goats.

Objective:- To formulate control, measures against gastro-intestinal nematodes in goats.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 313

Code No. VA. CO. 14. 14. 16

Title:-

Excretion studies on Chloramphenicol in goats.

Objective:- To find out how far blood level of the drug will be maintained in goats, and how quick it would be excreted out of the system.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



(15) POULTRY

Sl. No. 314

Code No. VA. CO. 15. 3. 1

Title :-

Effect of dubbing, and dewinging on production.

Objective:- To evaluate the usefulness of dubbing and dewinging in chicken.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 315

Code No. VA. CO. 15. 10. 2

Title :-

Eating pattern in layers.

Objective:- To study whether there is any specific pattern in the consumption of nutrients especially minerals by layers.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl. No. 316

Code No. VA. CO. 15. 10. 3

Title:-

Supplementation of arsenicals, nitrofurans and antibiotics in broiler feed.

Objective:- To evaluate the usefulness if any, of adding feed additives in broiler ration.

Venue:- College of Veterinary & Animal Sciences, Mannuthy



Sl.No. 317

Code No. VA. CO. 16. 10. 4

Title:-

Effect of feeding different levels of protein on the performance of white leghorn during summer.

Objective:- To study whether there is any change in the protein requirement during summer.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl.No. 318

Code No. VA. CO. 15. 10. 5

Title:-

Effect of restricted feeding on replacement pullet.

Objective:- To evaluate, the effect of restricting feed during growing period on subsequent performance.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl.No. 319

Code No. VA. CO. 15. 10. 6

Title:-

Effect of water restriction on caged layers.

Objective.- To study whether by restricting the water intake, the problem of watery droppings encountered in caged layers could be mitigated.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl.No. 320

Code No. VA. CO. 15. 11. 7

Title:-

Evaluation of pure bred and cross bred broiler chicks.

Objective:- To evolve a best cross-bred broiler chick for marketing.

Venue:- University Poultry Farm, Mannuthy.

○

Sl. No 321

Code No. VA. CO. 15. 11. 8

Title:-

Intra population selection studies using an index.

Objective:- To improve the genetic potential of the breeding stock of the farm.

Venue:- University Poultry Farm Mannuthy.

○

Sl. No. 322

Code No. VA. CO. 15. 12. 9

Title:-

Studies on Bangkok haemorrhagic disease of chicken.

Objective:- 1. To study the etiology, pathogenesis and pathology of the disease syndrome.

2. To evolve suitable therapeutic and preventive measures to control the disease.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 323

Code No. VA. CO. 15. 13. 10

Title:-

Studies on spirurids of poultry.

Objective:- To find out effective control measures against spirurid infection on poultry.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 324

Code No. VA. CO. 15. 13. 11

Title:-

Studies on the histology and pathogenicity of important nematodes of ducks.

Objective :- To formulate control measures against infection in ducks.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl.No.325

Code No. VA. CO. 15. 15. 12

Title:-

Effect of choline deficiency on the chemical composition of skeletal muscles of chicks.

Objective:- To study alterations in the chemical composition of the Gastrocnemius muscle of chicks subjected to perosis by dietary deficiency of choline, so as to evaluate metabolic derangements in the skeletal muscle in choline deficiency.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

SI No. 326

Code No. VA. CO. 15. 15. 13

Title:-

Studies on the metabolic activity of reproductive system of chicken.

Objective:- To assess the activity of serum on important enzymes associated with reproductive system of chicken during development, and laying periods so as to get an insight into the metabolic activity of the reproductive system and for a better understanding of the physiology of reproduction in chicken.

Venue:- College of Veterinary & Animal Sciences, Mannuthy

○

(16) MISCELLANEOUS

Sl. No. 327

Code No. Ag. CO. 16. 1. 1

Title :-

Comprehensive Agronomic trials on Maize.

Objective :- To grow different varieties of maize under partial shade and to find out the possibility of growing maize as a mixed crop with tapioca and coconut.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 328

Code No. Ag. CO. 16. 1. 2

Title :-

Nutritonal effect of calcium on anatomical characters of maize with special reference to strength of straw.

Objective :- To investigate the effect of calcium on the size and thickness of cell wall in maize.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 329

Code No. Ag. CO. 16. 1. 3

Title :-

Q/I. Relationship of potassium for the different soil profiles of Kerala.

Objective :- To find out the Q/I relationship of potassium in the different horizons of selected soil profiles of Kerala and to study the potassium releasing pattern in the different horizons and to correlate it with other soil and environmental characters.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 330

Code No. Ag. CO. 16. 1. 4

Title :-

Investigation on the optimum time for application of nitrogenous fertilizers after basal application of liming materials.

Objective :- To investigate the optimum time for application of nitrogenous fertilizers after basal dressing of lime.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 331

Code No. Ag. CO. 16. 1. 5

Title: -

Role of sub-soil nitrogen in the nutrition of plantation crops.

Objective :- To study the nutrient status of plantation crop soils, especially with reference to sub-soils, for various forms of nitrogen.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 332

Code No. Ag. CO, 16. 1. 6

Title:-

Efficient periods of liming in acid soils.

Objective :- To find out the optimum time of application of lime to acid soils for maximum grain yield and protein recovery and to study the effect of liming on potassium uptake.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 333

Code No. Ag. CO. 16. 6. 7

Title:-

Fractionation of forms of phosphorus in acid rice soils of Kerala.

Objective :- To study the problem of fixation of applied phosphorus and its consequent complex reaction in the soil especially with reference to the effect of waterlogging in shifting the equilibrium among the various phosphorus fractions in the soil.

Venue:- College of Agriculture, Vellayani.

○

Sl. No. 334

Code No Ag. CO. 16. 6. 8

Title:-

Urease activity in plantation crop profiles.

Objective :- To study the urease activity of soils wherein plantation crops like tea, coffee and cardamom are grown and to correlate it with fundamental soil properties like clay content, organic content etc.

Venue :- College of Agriculture, Vellayani.



Sl. No. 335

Code No. Ag. CO. 16. 7. 9

Title :-

A study on production, consumption and marketable surplus of farm produce.

Objective:- To ascertain the marketable surplus and marketed surplus of farm produce.

Venue:- College of Agriculture, Vellayani



Sl. No. 336

Code No. Ag. RES. 16. 7. 10

Title :-

A study on the family budget of farm labourers.

Objective:- To study the standard of living of farm labourers.

Venue:- College of Agriculture, Vellayani.



Sl. No. 337

Code No. Ag. CO. 16. 7. 11

Title :-

Price spread of pepper.

Objective:- To study the disparity between the prices realised by the cultivators and those paid by the consumers.

Venue:- College of Agriculture, Vellayani.



Sl. No. 338

Code No. Ag. CO. 16. 7. 12

Title :-

Study on the cost of cultivation of paddy
(One taluk in Trivandrum District.)

Objective:- To study cost of cultivation and returns of paddy cultivation.

Venue:- College of Agriculture, Vellayani.



Sl. No. 339

Code No. Ag. CO. 16. 7. 13

Title:-

Study on the marketing of Agmark Coconut oil.

Objective:- To study the consumers' preference to graded coconut oil.

Venue:- College of Agriculture, Vellayani.



Sl. No. 340

Code No. Ag. CO. 16. 7. 14

Title:-

A study on the credibility of various sources of human nutrition information among the house wives.

Objective:- To find out sources of information on nutrition, (ii) supply of information on nutrition to the house wives and (iii) to find out credibility of various sources of information.

Venue:- College of Agriculture, Vellayani.



Sl. No. 341

Code No. Ag. CO. 16. 7. 15

Title:-

A study on the increase in knowledge of women due to the nutrition training camps.

Objective:- To assess the increase in knowledge of women due to the nutrition training camps.

Venue:- College of Agriculture, Vellayani.



Sl. No. 342

Code No. Ag. CO. 16. 7. 16

Title:-

To study the Impact of farm broadcasts among farmers in Kerala.

- Objective :-**
- 1) To ascertain the listening habits and programme preferences of farmers towards programmes offered by the farm broadcasts.
 - 2) To assess the influence of radio listening on their adoption of selected farm practices.
 - 3) To study the personnel characteristics of the radio owning farmers and the association of the same with their radio listening habits and adoption of selected farm practices.

Venue :- College of Agriculture, Vellayani.



Sl. No. 343

Code No. Ag. RES. 16. 8. 17

Title :-

Scheme for biological control of 'African Payal'.

Objective :- To find out whether the African Payal which is a serious problem in Kerala can be controlled biologically by using exotic insects.

Venue :- Rice Research Sub Station, Mannuthy.



Sl. No. 344

Code No. Ag. RES. 16. 8. 18

Title :-

Collaborative research project on the ecology of Brown Plant hopper.

Objective :- To study the relationship between weather conditions intensity of cropping, and the incidence of brown plant hopper.

Venue :- Rice Research Station, Pattambi.



Sl. No. 345

Code No. Ag. RES. 16. 8. 19

Title :-

Collaborative research project on biotypes of brown plant hopper.

Objective :- The brown plant hopper has become a serious pest of rice in India. The resistant variety IR.26 evolved



at IRRI showed variable reactions at the different locations, resistant at Philippines, tolerant at Cuttack and susceptible at Hyderabad and Pattambi. The break down of resistance may be due to the presence of biotypes. The scheme is intended to identify possible biotypes of brown plant hopper present in Kerala.

Venue :- Rice Research Station, Pattambi.



Sl. No. 346

Code No. Ag. CO. 16. 8. 20

Title :-

Studies on the distribution and identity of different species of mites infesting various crops and weeds in Kerala.

Objective:- To study the nature and intensity of damage caused by different species of mites on various cultivated crops and weeds.

Venue :- College of Agriculture Vellayani.



Sl. No. 347

Code No. Ag. CO. 16. 8. 21

Title :-

Effect of neem seed kernel powder as protectant of stored grains.

Objective:- To evaluate the effectiveness of neem powder as a deterrent against the pests of stored grains. Being non-toxic and economical, it would be an ideal grain protectant in store.

Venue:- College of Agriculture, Vellayani.



Sl. No. 348

Code No. Ag. CO. 16. 8. 22

Title :-

Studies on the biology, behaviour, food preference and control of field rats. Relative susceptibility of different varieties of tapioca to damage by field rats.

Objective:- To ascertain the relative preference of field rats to different varieties of tapioca and thereby to screen out resistant varieties.

Venue:- College of Agriculture, Vallayani.



Sl. No. 349

Code No. Ag. CO. 16. 8. 23

Title :-

Scheme for research on non-insect pests and storage pests and their control.

Objective :- To make studies on the biology, ecology and control of non-insect pests of cultivated crops, like mites, crabs, millipodes, snails, rodents, birds and other higher animals. To undertake studies on the pests of stored grains and other stored products.

Venue :- College of Agriculture, Vellayani.



Sl. No. 350

Code No. Ag. CO. 16. 8. 24

Title :-

Studies on the biology of the rice case worm, *Nymphula depunctalis*.

Objective: - Object is to study in detail the seasonal occurrence, life history, natural enemies, alternate hosts, effect of varietal preferences etc. of the pest, *Nymphula depunctalis*.

Venue :- College of Agriculture, Vellayani.



Sl. No. 351

Code No. Ag. CO. 16. 8. 25

Title :-

Scheme for research on biology, ecology and behaviour of crop pests.

Objective :- To conduct research on biology, ecology and behaviour of crop pests and to pest surveillance with a view to forecast insect outbreaks.

Venue: College of Agriculture, Vellayani.



Sl. No. 352

Code No. Ag. CO. 16. 8. 26

Title :-

Scheme for research on parasitology, insect pathology and biological control of insect pests.

Objective :-

1. Survey of parasites, predators and pathogenic organisms associated with important insect pests of Kerala, their relative importance as natural enemies.
- ii. Studies on the possibilities of utilising selected parasites, predators and micro-organisms for applied biological control.
- iii. Survey of pathogenic fungi, bacteria and virus associated with insect pests.
- iv. Studies on the seasonal fluctuations in the occurrence of parasites, predators etc.

Venue :- College of Agriculture, Vellayani.



Sl. No. 353

Code No. Ag. CO. 16. 8. 27

Title :-

Scheme for research on insect toxicology and chemical control of insect pests.

- Objective:-
- i) Evaluation of different insecticides against the various crop pests, and fixing their doses, formulations, time and frequency of application for achieving effective control.
 - ii) Studies on the relative toxicity as well as residual toxicity of the different insecticides to parasites and predators in the pests.
 - iii) Determination of the persistence of toxic residues of various insecticides.
 - iv) Studies on the resistance spectrum of the different insect pests to insecticides.
 - v) Studies on the possibilities of intergrating chemical and biological methods of pest control.

Venue:- College of Agriculture, Vellayani.



Sl. No. 354

Code No. Ag. CO. 16. 8. 28

Title :-

Studies on the deterioration of stored products.

Objective:- To study the causes of deterioration and the nature and extent of spoilage of stored products like cashew, gingelly oil cake, coconut oil cake etc. by micro-organisms.

Venue:- College of Agriculture, Vellayani.



Sl. No. 355

Code No. Ag. CO. 16. 8. 29

Title :-

Study for evolving a modified measure of persistent toxicity to assess the efficacy of pesticides.

Objective:- To evolve a better measure than the P. T. value for measuring persistent toxicity.

Venue:- College of Agriculture, Vellayani.



Sl. No. 356

Code No. Ag. CO. 16. 9. 30

Title :-

Studies on the adoption of improved agricultural practices.

Objective:- 1. To find out the extent of improved agricultural practices by farmers
2. To find out the reasons for differential adoption.
3. To find out the relationship between some selected factors and adoption.

Venue:- College of Agriculture, Vellayani.



Sl.No. 357

Code No Ag. CO. 16. 9. 31

Title :-

Study on the agro-information communication pattern in some selected villages.

Objective:- 1. To find out the sources from which the farmers get agro-information.
2. To find out the source of credibility.
3. To study the role of leadership in information communication.

Venue:- College of Agriculture, Vellayani.



Sl. No. 358

Code No. Ag. CO. 16. 9. 32

Title :-

Study on the gain of knowledge by farmers due to one day trainings.

Objective:- i) To study the knowledge of improved agricultural practices.

ii) To measure the gain in knowledge due to training.

iii) To study the attitude towards training.

iv) To study the information source use.

v) To study the source credibility.

Venue:- College of Agriculture, Vellayani.

○

Sl. No. 359

Code No. Ag. CO. 16. 10. 33

Title :-

Study on the nutritional status of children below 3 and factors associated with it.

Objective:- To find out the nutritional deficiencies prevalent among the group and factors which are responsible for the condition.

Venue.- College of Agriculture, Vellayani.

○

Sl. No. 360

Code No. Ag. CO. 16. 12. 34

Title :-

Study of bacterial diseases of crop plants.

Objective :-

To conduct a detailed survey on the important bacterial disease of crop plants in Kerala and to evolve suitable control measures.

Venue :- College of Agriculture, Vellayani.

○

Sl. No. 361

Code No. Ag. CO. 16. 12. 35

Title :-

Biological control of certain soil borne plant pathogens by soil amendments.

Objective :- To conduct feasibility studies on the control of plant pathogens by appropriate modification of soil environment.

Venue :- College of Agriculture, Vellayani.

○

SI No. 362 Code No. Ag. CO. 16. 12. 36
 Title:-
 Effect of fungicidal application on soil microflora.
 Objective:- To estimate the population of beneficial micro-
 flora in soil before and after the application of
 fungicides.
 Venue:- College of Agriculture, Vellayani.

○

SI No 363 Code No. Ag. Co. 16. 12. 37
 Title:-
 Study the bacterial wilt of solanaceous and other crops.
 Objective:- To study the variation, population and mode of
 spread of the causal agent of the bacterial wilt dis-
 ease of solanaceous and other crops and to evolve
 suitable control measures.
 Venue:- College of Agriculture, Vellayani.

○

SI. No. 364 Code No. Ag. Co. 16. 12. 38
 Title:-
 Assay on toxin production by important leaf spot di-
 sease organisms of Kerala and its role in pathogenesis.
 Objective:- To study the production of toxins by leaf spot
 pathogens and their role in the genesis of the leaf spot
 diseases.
 Venue:- College of Agriculture, Vellayani.

○

SI. No. 365 Code No. Ag. Co. 16. 19. 39
 Title:-
 Studies to find out the optimum plot size for experi-
 ments on various crops.
 Objective:- To find out the optimum plot size for laying out
 field experiments.
 Venue:- College of Agriculture, Vellayani.

○

SI. No. 366 Code No. Ag. CO. 16. 19. 40
 Title:-
 Trends in production of crops in Kerala.
 Objective:- To find out the trends in productivity of crops-
 Venue:- College of Agriculture, Vellayani.

○

Sl. No. 367

Code No. VA. CO. 16. 2. 41

Title:-

Studies on the structure of temporal gland of Indian Elephants.

Objective :- To study the morphology of the temporal gland and its possible role in the manifestation of 'rut' or *musth* in Indian elephants.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

Sl. No. 368

Code No. VA. CO. 16. 2. 42

Title :-

Studies on the histology of the visceral organs of Indian Elephant.

Objective :- To study the microscopic anatomy of the visceral organs like liver, kidney, adrenal and testis of the adult Indian elephant.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

Sl. No. 369

Code No. VA. CO. 16. 10. 43

Title :-

Evaluation of the nutritive value of African Payal.

Objective :- To assess its suitability in concentrate ration of animals.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

Sl. No. 370

Code No. VA. Co. 16. 10. 44

Title :-

Evaluation of the nutritive value of rain tree fruits

Objective:- To study the nutritive value of rain tree fruits as feed for cattle

Venue:- College of Veterinary & Animal Sciences, Mannuthy

Sl. No. 371

Code No. VA. Co. 16. 10. 45

Title :-

Studies on the nutritive value of straw

Objective - To evaluate the nutritive value of straws of different hybrid varieties

Venue: College of Veterinary & Animal Sciences, Mannuthy

Sl. No. 372

Code No. VA. Co. 16. 11. 46

Title :-

Studies on the efficiency of experimental animal colonies as influenced by the presence of male animals.

Objective:- To study the influence of the presence of male on the sexual maturation, growth and feed efficiency in mice, rats, guinea pigs and rabbits.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 373

Code No. VA. CO. 16. 11. 47

Title :-

Study on the sodium, potassium and calcium contents of the semen of the domestic animals.

Objective:- To elucidate seasonal variations in sodium, potassium and calcium contents in semen.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 374

Code No. VA. CO. 16. 12. 48

Title :-

Incidence and pathology of tumours in the frontal sinus in domestic animals.

Objective:- To study the incidence, etiology and pathology of tumours in the paranasal sinuses and to evolve suitable preventive measures.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 375

Code No. VA. CO. 16. 12. 49

Title :-

A preliminary study on the prevailing hygienic conditions of the slaughter houses, meat stalls and market meat.

Objective:- To assess the hygienic conditions of the slaughter houses, meat stalls and market meat and to rectify shortcomings, if any.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 376

Code No. VA. CO. 16. 12. 50

Title :-

Serological investigations of fever patients in Trichur for Brucellosis.

Objective:- To assess the incidence of Brucellosis resulting in fever among human population and if found to be a public health problem, to evolve methods for prevention and control.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 377

Code No. VA. CO. 16. 13. 51

Title :-

Studies on the treatment of *Ascaridia galli* infection, with cashew nutshell oil.

Objective :- To find out effective treatment against *Ascaridia galli* infection in poultry.

Venue :- College of Veterinary & Animal Sciences, Mannuthy

○

Sl. No. 378

Code No. VA. CO. 16. 13. 52

Title :-

Studies on *Schistosoma nasale*.

Objective :- To initiate studies on the control of *schistosomiasis* in domestic animals.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 379

Code No. VA. CO. 16. 14. 53

Title :-

Corticosteroids, Neostigmine and Calcium in Cobra venom intoxication.

Objective :- To ascertain the usefulness of supportive measures in prolonging the survival time in experimental animals.

Venue :- College of Veterinary & Animal sciences, Mannuthy.

○

Sl. No 380

Code No. VA. CO. 16. 17. 54

Title :-

Comparative studies on Vesicocolostomy and Vesicorectostomy as urinary diversion techniques in dogs.

Objective :- To determine the effectiveness of urinary diversion techniques in dogs suffering from urinary obstruction and to ascertain the advantages and disadvantages of each.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.

○

Sl. No. 381

Code No. VA. ICAR. 16. 21. 55

Title :-

All India Co-ordinated Research Project on Brackish water Fish Farming Sub-centre in Kerala, Sub-Centre at Vyttila, Ernakulam.

Development of fish cultural practices.

Objective :- To develop brackish water fish cultural practices.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 382

Code No. VA ICAR 16. 21. 56

Title :-

All India Co-ordinated Research Project on Brackish Water Fish Farming Sub Centre in Kerala, Sub Centre at Vyttila (Ernakulam).

Development of suitable brackish water fish farming techniques.

Objectives :- To develop suitable brackish water fish farming techniques under different ecological conditions and to formulate suitable management practices.

Venue :- College of Veterinary & Animal Sciences Mannuthy.



Sl. No. 383

Code No. VA. RES. 16. 1. 57

Title :-

Scheme for research and development of fodder, studies on nutritive value of grasses.

Objective :- To study tonnage out-put and nutritive value of different varieties of grasses.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 384

Code No. VA. RES. 16. 1. 58

Title :-

Scheme for research and development of fodder. Studies on methods of fodder cultivation and preservation.

Objective :- To evolve improved methods of cultivation and preservation of fodder.

Venue :- College of Veterinary & Animal Sciences, Mannuthy.



Sl. No. 385

Code No. VA. CO. 16. 6. 59

Title:-

A comparative study on organic basic nitrogenous compounds in fodder grasses.

Objective:- (1) To test the presence of organic basic nitrogenous compounds in fodder grasses like Para, Napier, Guinea, hybrid napier and hybrid guinea.

(2) To see whether the compounds are the same in all grasses.

(3) To test whether hybridization has influenced the nature of the above compounds.

(4) To study the physiological action of these compounds.

Venue:- College of Veterinary & Animal Sciences, Mannuthy.

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