

LIST OF PLAN SCHEMES 2009-10

Department of Agriculture

Sl. No.	Name of scheme and Head of Account	Budget Provision for 2009-10
STATE SECTOR SCHEMES		
A. Crop Husbandry		
1	Promotion of Group Farming for Augumenting Rice Production	2300.00
	2401-00-102-90	
2	Food Security Project	3600.00
	2401-00-102-82	
3	Coconut Development	1525.00
	2401-00-103-87	
4	Seed Authority	50.00
	2401-00-103-83	
5	Augumenting Production of Planting Materials through Departmental Farms	110.00
	2401-00-104-91	15.00
6	Special Support Scheme for Farm Sector	1603.00
	Debt Relief Commission	
7	2401-00-105-86	150.00
	Establishment of modern laboratories	50.00
8	Integrated Pest Management	50.00
	2401-00-107-83	
9	Farm Information and Communication	120.00
	2401-00-109-84	

10	Strengthening of Agricultural Extension	195.00
	2401-00-109-80	
11	Farmers Welfare programme	150.00
	2401-00-109-79	
12	Crop Insurance	100.00
	2401-00-110-99	
13	National Agricultural Insurance Scheme	150.00
	2401-00-110-97	
14	Coconut Crop Insurance	25.00
	2401-00-110-95	
15	Weather based insurance	25.00
	2401-00-110-94	
16	Small farm mechanisation and Agricultural Engineering service	50.00
	2401-00-113-90	
17	Agro Service Centres	20.00
	2401-00-113-86	
18	Vegetable Promotion through Vegetable and Fruit Promotion Council of Kerala in selected districts	75.00
	2401-00-119-92	
19	State Horticulture Mission (State Share)	200.00
	2401-00-119-86	
20	Development of Vegetable through Agriculture Department	125.00
	2401-00-119-85	
21	Contingency Programme to meet Natural Calamities	20.00
	2401-00-800-91	
22	World Trade Orgzn. Cell (WTO)	10.00
	2401-00-800-48	
23	State Agricultural Management and Extension Training Institute [SAMETI]	60.00
	2401-00-800-42	
24	Application of Information Technology	15.00
	2401-00-800-41	
25	Development of Kuttanad wetland eco system	83.00

	2401-00-800-40	
26	Rashtriya Krishi Vikas Yojana [RKVY]	6011.00
	2401-00-800-37	
27	Kissan Project	25.00
	2401-00-800-36	
28	Commodity safety net scheme	1000.00
	2401-00-800-34	
29	Rural Infrastructure Development Fund Projects	500.00
	4401-00-104-96	
30	Share capital contribution to Kerala State Horticulture Products Development Corporation	10.00
	4401-00-190-97	
Total - A		18422.00
B. Agricultural Research & Education		
31	Human Resource Development	20.00
	2415-01-277-98	
32	Planting Material Programme for KAU	0.00
	2415-01-277-91	
33	On farm trails and front line demonstration for KAU	25.00
	2415-01-277-90	
Total - B		45.00
C. Central Sector Schemes (State Share)		
34.	Support to state extension programmes for extension reforms [ATMA] (90% CSS)	50.00
	2401-00-800-35(01)	
35.	Micro Irrigation (90% CSS)	1.00
	2401-00-800-45(02)	
Total - C		51.00
D. Agricultural Marketing & Quality Control		
36	Market Intervention Support for Price Stabilization	350.00

	2435-01-101-85	
37	Grading of Agricultural Commodities	10.00
	2435-01-102-99	
38	Market Development	25.00
	2435-01-800-99	
39	Expansion of Farmers Market of VFPCCK	100.00
	2435-01-800-98	
40	Agro Industriues Corporation	25.00
	2435-01-800-97	
41	Kerala State Warehousing Corporation	50.00
	4408-02-190-99	
42	Rural Infrastructure Development Fund Projects	500.00
	4435-01-101-97	
Total - D		1060.00
Total - State		19578.00
CENTRAL SECTOR SCHEMES		
A. 50% CSS		
1.	Production of T x D Hybrid Seedlings	20.00
	2401-00-108-96	
2.	Estabilishment of Regional Nurseries	25.00
	2401-00-108-42	
Total - A		45.00
B. 75% CSS		
3.	Integred scheme of oil seeds , pulses and maize (ISOPOM)	10.00
	2401-00-112-97	
Total - B		10.00
C. 100% C.S.S.		
4.	National project on organic farming	10.00
	2401-00-105-84	
5.	Coconut Development Board scheme for integrated farming in coconut holdings for productivity improvement	400.00

	2401-00-108-54	
6.	Promotion and strengthening of agricultural mechanisation	10.00
	2401-00-113-85	
7.	National project on Biogas development	120.0
	2810-01-101-99	
Total - C		540.00
D. Macro Management Scheme(90% CSS)		
8.	Rice development	1000.00
	2401-00-800-61 [01]	
9.	Agriculture Mechanization	100.00
	2401-00-800-61 [12]	
10.	National watershed development programme [NWDPRA]	700.00
	2401-00-800-61 [13]	
Total - D		1800.00
Total Central		2395.00
Total[State + Central]		21973.00

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
VIKAS BHAVAN, THIRUVANANTHAPURAM

Sub:- Annual Plan 2009-'10 – Scheme on “Sustainable Development of Rice Based Farming System” – Administrative Sanction accorded for implementation – Orders issued – Reg;

Ref :- 1) G.O (Rt.) No.1337/07/AD dated 21-07-2007 of Agriculture Department.

2) Order No. TP (2) 18158/08 dated: 25-04-2008 of Director of Agriculture

3) GO (Rt.) No. 2243/08/AD dated 01-12-2009 of Agriculture Department

ORDER No. TP (2) 15048/2009 dated: 06/04/2009

In the current year's budget of 2009-'10, there is a provision of **Rs.2300.00 lakhs** for implementation of the scheme “**Sustainable Development of Rice-Based Farming System**” under the head of account: 2401-00-102-90 Plan. This is a continuing scheme.

The scheme aims to sustain rice cultivation and to augment the average productivity to more than 3 tonnes per hectare. To achieve this objective, a rice-based farming system approach is envisaged based on group farming concepts and group contact system enabling farmers to adopt improved production technology and scientific package of cultivation suited to each agro-climatic condition. The rice development programme will be concentrated in the major rice growing tracts of the State with natural endowments for augmenting rice productivity. The Comprehensive State Food Security Project, 90% Centrally Sponsored Rice Development Programme, RKVY programme for paddy development, Local Self Government's paddy schemes etc. will be integrated with this scheme wherever possible for enhancing productivity, reducing cost of cultivation and for increasing overall income from the land.

The group farming samithies will be revitalised through the SHG mode and the activities will be concentrated mainly in the predominant rice growing areas of the state. Short and long term seed programme will be implemented under strict norms of seed legislations and monitored by Seed Development Authority. Infrastructure support will be provided with the active involvement of Group Farming Samithies. Support will be given to the 11 Paddy Development Agencies for inputs like seeds, soil ameliorants, purchase of modern agricultural machinery, construction of godowns etc based on the approved plans. A revolving fund will be provided to Seed Development Authority for creation of infrastructure facility, operationalisation of RSG programme and to make it self-reliant.

Following components will continue to be implemented during the current year: -

1. *Revitalisation of group farming activities*

The revitalisation of group farming activities will be concentrated in 1.43 lakh ha predominantly in rice growing tracts of the state. The objective of the group farming programme is to implement a package of measures capable of making rice production more attractive by reducing the cost of inputs, providing infrastructure and adopting modern farming technology through a group approach, so as to instil confidence among paddy farmers. Under the group-farming programme, problems faced by individual farmers are eased out and solved by group activity. The farming activities in each padasekharam are undertaken in each season in a co-ordinated manner as per an approved plan.

Activities proposed for group action

1. Mechanisation of land preparation for cost reduction
2. Use of uniform seed of an identified high yielding variety for each padasekharam
3. Pre-planned sowing and community nursery raising
4. Preparation of soil map for the padasekharam and need based nutrient application based on soil test data of padasekharams following integrated nutrient management practice with use of bio-fertilisers, organic manures, green manures and chemical fertilisers. The inputs will be arranged from depots to fields jointly.
5. Community weed control using weedicides
6. Organising joint plant protection operations following IPM
7. Application of soil ameliorants to correct soil pH
8. Following uniform crop rotation practices including raising of pulses / green manures / vegetables in the rice fallows
9. Mechanised harvesting and carrying out post harvest operation on a group basis
10. Organising seminars, campaigns, harvesting melas participating the farmers and to highlight their achievements.

The group farming samithies will be revitalised through self-help groups. An annual Action Plan for each season for every padasekharam for taking up identical variety and obtaining higher productivity by the adoption of modern technical know-how will be prepared by the Agricultural Officer of the Krishi Bhavan and got it approved by the Assistant Director of the Concerned Block. Common activities such as raising of community nursery, ploughing and other tillage operations, application of organic and inorganic manures, adoption of IPM

techniques for the control of pests and diseases, weed control, irrigation and drainage facilities, value additions and marketing facilities will be organised through this revitalised group farming samithies. As an encouragement to samithies, for adopting group farming activities on padasekharam basis an assistance @Rs.1,500/- per hectare will be provided.

An amount of **Rs.2145.00 lakhs** is earmarked for implementation of the above mentioned component in 1.43 lakh hectares.

For the smooth implementation of this component, pre-season training to field staff, labourers, farmers etc. will be done in RATTCs and FTCs functioning in the state.

2. *Assistance for Paddy Development Agencies*

State Government has constituted 11-Paddy Development Agencies for tackling the problem of rice cultivation in special problem areas. Financial assistance will be provided for development of the problem area based on approved location specific projects and actual needs. An amount of **Rs. 150.00 lakhs** is earmarked for implementation of this component including the spill over commitment works. The work will be prioritised and fund will be provided based on the approved action plan submitted by the paddy Development Agencies.

Assistance to agencies will be limited to following components alone: -

- i. Supply of inputs like seeds, soil ameliorants, fertilizers etc based on the field condition
- ii. Procurement of power tiller / tractor, petty and para and other modern machinery.

iii. Construction of godowns, common drying yards, etc.

3. *Providing Green Card to Paddy Farmers.*

An amount of **Rs.5.00 lakhs** is set apart for the implementation of the component "Providing Green Card to Paddy Farmers".

Paddy Board the apex body of the state will monitor and co-ordinate the activities of all agencies involved in paddy development in the state, including Department of Agriculture.

Hence Administrative Sanction is accorded for implementation of the above components of the scheme, "Sustainable Rice Development" for a total amount of **Rs.2300.00 lakhs** (Rupees Two Thousand and Three Hundred lakhs Only). The expenditure will be met from the Budget provision of Rs.2300.00 lakhs under the H/A 2401-00-102-90 OC plan from the current years budget :

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

Copy to

1. CA to Director of Agriculture
2. CA to all Additional DAs
3. CA to SAE
4. All JDAs at HQ / SFO
5. PIO, FIB, Thiruvananthapuram for giving wide publicity
6. TA section.
7. Finance section
8. Stock file / Spare



GOVERNMENT OF KERALA

Abstract

Agriculture Department – Annual Plan 2009-10 - Coconut Development scheme - Administrative Sanction - accorded – Orders - issued.

AGRICULTURE (PB) DEPARTMENT

G.O.(Ms.) No. 155/2009/AD Dated: TVPM, 21st August 2009

Read: - 1) G.O. (P) No. 351/08/Fin dated:06-08-08
2) Letter No. TP (2) 15052/09 dated: 24/06/09 and 14/7/2009 from the Director of Agriculture.

ORDER

1) The Director of Agriculture, as per letter read above, has forwarded the project proposal for Coconut Development Programme 2009-2010 for Rs.1452.50 lakhs. The main objectives of the scheme include taking measures to facilitate the adoption of economically viable farming system and to maximize productivity of coconuts through cut and removal of old and senile palms, replanting with disease tolerant seedlings, scientific management of the existing coconut gardens and providing irrigation facilities.

2) The out lay of the project is Rs.1452.50 lakhs and the project components are as follows:

Sl. No.	Component	Total project cost (Rs. Lakhs)
1	Cut and removal of old and senile palms and replanting (Max 10 no palms per ha @ Rs.500/ palm)	518.75
2	Integrated Management of coconut gardens	
a	Application of fertilizer @ Rs.10/palm	181.5625
b	Assistance for plant protection activities @	181.5625

	Rs.10/palm	
c	Opening basin and intercultural operations (@Rs.20/palm)	363.125
3	Providing Irrigation facility	
	Supply of pumpset (5 pumpset per cluster @Rs.10000/ pumpset)	207.5

3) The special working group constituted as per the Government Order read above in its meeting held on 24/7/09 has considered the project proposal. The Special Working Group held on 24/7/09 has agreed to accord administrative sanction for the scheme at a total cost of Rs.1452.50 lakhs.

4) Government, having considered the recommendation of the Special Working Group, are pleased to accord administrative sanction for the Coconut Development Scheme at a total cost of Rs.1452.50 lakhs as detailed vide para 2nd on the conditions specified below.

- (i) The scheme will be implemented in the districts where the scheme of Coconut Development Board is not introduced
- (ii) The programme will be implemented in the Northern districts of Malappuram, Kozhikode, Kannur and Kasaragod.
- (iii) The duration and phasing of the scheme shall be one year.
- (iv) The total area to be benefited shall be 10375 ha consisting of 415 numbers of clusters with 25 ha each. The selected farmers will be provided with an enhanced assistance of Rs.14,000/- per ha as against the present scale of Rs.5000/- per ha so as to make the scheme comparable with the scheme of Coconut Development Board, where the assistance per ha is Rs.17,5000/-. For cutting and removal, Rs.500 per plant will be given. For fertilizers, intercultural operations, etc the assistance per plant will be Rs.50/-. The subsidy for pumpset will be 50% of the cost or Rs.10,000/- whichever is less.
- (v) The concerned Agricultural Officer will be responsible for the effective implementation of the scheme at Panchayat level. The Assistant Director of Agriculture will monitor the scheme at Block level and the Deputy Director at the

District level. In addition, the Principal Agricultural Officer will evaluate the scheme at district level. The Additional Director of Agriculture (CP) will monitor and evaluate the scheme at the state level.

5) The expenditure in this regard can be met from the Head of Account : 2401-00-103-87 plan.

(By Order of the Governor)

Joan Lopez
Additional Secretary

To

The Director of Agriculture, Thiruvananthapuram
The Finance (Agri. Wing B) Department. (Vide UO
No. 50952/AW-B1/09/Fin dated: 5/08/09)
The Principal Accountant General (Audit/A&E), Kerala,
Thiruvananthapuram
Finance (Planning B) Department
The Planning & Economic Affairs Department.
Stock File/Office Copy

Forwarded/By order

Section Officer

Endt. On TP (2) 15052/09

Directorate of Agriculture
Vikas Bhavan
Thiruvananthapuram
Dated: 28-08-2009

Endorsed to TB Section for issue of Working Instruction and allocation of funds to Principal Agricultural Officers.

Copy to

The table of Director of Agriculture
CA to all Addl. Director of Agricultures
All Joint Director of Agricultures (Head Quarters)
Principal Agricultural Officers – Malappuram/ Kozhikode/
Kannur/Kasaragod
Senior Finance Officer
PIO, FIB
Fin Section
Stock File/Spare

for Director of Agriculture
Deputy Director of Agriculture (Plg.)

Proposal for Administrative Sanction for the Scheme
“Coconut Development Programme 2009-10”

A. Introduction

Coconut has a unique position in the economy of the State. It is cultivated in an area of 8.73 lakh ha (2006-07) with an annual production of 6054 million nuts and productivity 7046 nuts/ha. It provides employment to 3.5 million people in the State. The productivity of coconut in Kerala is low compared to other neighboring States.

As the State has no scope for expansion of area under coconut, the production can only be increased through productivity improvement.

With this aim in mind, both Government of India and Government of Kerala have been implementing several schemes. During 2009-10, as part of XIth FYP project, Government of Kerala has sanctioned the scheme ‘*Coconut Development*’ with a budget outlay of Rs.1525.00 lakhs under Head of Account 2401-00-103-87 plan. A proposal for implementing the scheme during current year is placed below:

- ★ Cut and Removal of senile palms and replanting
- ★ Integrated management of coconut gardens
- ★ Providing irrigation facility

B. Objectives

- Facilitating the adoption of economically viable farming system.
- Maximizing productivity of coconut through cut and removal of disease advanced palms, removal of all the infected juvenile palms, need based replanting with disease tolerant seedlings, scientific management of the existing coconut gardens and providing irrigation.

C. Programme

Coconut based farming system is the main stay of more than 35 lakh farmers of the state. Only a comprehensive effort involving removal of diseased and senile palms, replanting with highly productive coconut seedlings, scientific fertilizer application based on nutrient status, enriching organic status of soil, irrigation facilities creation, additional income generation by raising intercrops and value addition, can yield results and benefit coconut farmers. Government of Kerala has announced implementation of all coconut development programmes under the banner ‘Kerasree’ in small and marginal farm holdings.

For successful implementation of Coconut Development Programme, clusters will be formed with 25 ha contiguous area. During 2009-10, it is proposed to implement the programme in an area of 10375 ha .i.e. in 415 clusters. The programme will be implemented in the Northern Districts i.e. Malappuram, Kozhikkod, Kannur and Kasaragod. The following components are proposed under the programme.

Sl. No.	Component	Rate of assistance per ha (Rs.)	Rate of assistance per cluster (Rs. lakhs)	Total project cost (Rs. Lakhs)
1	Cut and removal of old and senile palms and replanting (Max 10 no palms per ha @ Rs.500/ palm)	5000.00	1.25	518.75
2	Integrated Management of coconut gardens			
a	Application of fertilizer @ Rs.10/palm	1750.00	0.4375	181.5625
b	Assistance for plant protection activities @ Rs.10/palm	1750.00	0.4375	181.5625
c	Opening basin and inter-cultural operations (@Rs.20/palm)	3500.00	0.875	363.125
3	Providing Irrigation facility			

a	Supply of pump set (5 pump set per cluster @Rs.10000/pumpset)		0.50	207.5
	Grand total	14000.00 *	3.50	1452.50

* (inclusive of amount earmarked for irrigation purpose)

I. Cut and Removal of Old and Senile Palms and Replanting disease tolerant seedlings

It is proposed to cut and remove old and senile palms which yield less than 10 nuts per annum may be considered under the programme of cut and removal. Bud rot disease advanced palms can also be included under this programme. It is proposed to provide an assistance of Rs.500/palm limited to Rs.5,000/ha. (10 palms per ha). The total amount proposed under this component is **Rs.518.75 lakhs.**

The cut and removal of diseased palms will be followed immediately by systematic replanting programme so as to standardize the density of population to nearly 175 palms/ha.

II. Integrated Management of Coconut Gardens

1. Application of fertilizer

The general recommendation for coconut palms under good management is 0.5 : 0.32 : 1.2. Most of the coconut plantations were kept neglected due to the prevailing price fall and these fields are to be supplemented with chemical fertilizers in order to revive the existing coconut plantations. The estimated cost for the chemical fertilizer per palm comes to Rs.24/-. The per palm subsidy proposed is Rs.10/- (Rs. 1750/ha). The total amount proposed for this component is **Rs.181.5625 lakhs.**

2. Assistance for plant protection activities

As the programme is proposed to implement in the northern districts where there is severe attack of bud rot and leaf rot diseases in coconut gardens, it is proposed to provide an assistance of Rs.10/palm for plant protection chemicals including prophylactic spraying. The total amount proposed is **Rs.181.5625 lakhs.**

3. Opening basin and intercultural operations

The coconut basins are to be kept weed free by periodical weeding. Mulching is an effective method of conserving soil moisture. Mulching coconut basins with green/dry leaves at the end of north-east monsoons will add organic matter to the soil and reduce soil temperature. Opening of coconut basins will help conservation of moisture and facilitate maximum percolation of rainwater and water conservation. It is estimated that an amount of Rs.60/- is required for opening coconut basins and application of fertilizers and manures. An amount of Rs.20/- per palm is recommended for this purpose. The total expenditure is **Rs.363.125 lakhs.**

III. Assistance for Irrigation - Supply of Pumpsets

It has been estimated that irrigation in coconut gardens particularly in summer months can increase the yield of coconut considerably. By providing irrigation a significant decline in disease index was experienced and there will be 69.7% improvement yield along with better nutrient management. In order to improve the irrigation facility 2075 numbers of irrigation pumpsets and accessories will be provided to coconut farmers at 50% cost for facilitating irrigation. A maximum assistance of Rs.10,000/- per pump set will be provided. The total amount required will be **Rs.207. 50 lakhs.**

Wherever possible drip irrigation units can be laid out in coconut garden. The assistance available under micro irrigation scheme can be utilized for establishing micro irrigation units.

ABSTRACT

Total no. of clusters	-	415 nos
Area per cluster	-	25 ha
Total area benefited	-	10375 ha
Per ha assistance (Average)	-	Rs.14,000/-
Per cluster assistance	-	Rs.3.50 lakhs
Total project cost	-	Rs.1452.50 lakhs

Sl. No.	Component	Rate of assistance per ha (Rs.)	Rate of assistance per cluster (Rs. lakhs)	Total project cost (Rs. Lakhs)
1	Cut and removal of old and senile palms and replanting (Max 10 no palms/ha @ Rs.500/ palm)	5000.00	1.25	518.75
2	Integrated Management of coconut gardens			
a	Application of fertilizer @ Rs.10/palm	1750.00	0.4375	181.5625
b	Assistance for plant protection activities @ Rs.10/palm	1750.00	0.4375	181.5625
c	Opening basin and intercultural operations (@Rs.20/palm)	3500.00	0.875	363.125
3	Providing Irrigation facility			
a	Supply of pump set (5 pump set per cluster @Rs.10000/pumpset)		0.50	207.5
Grand total		14000.00	3.50	1452.50

D. Monitoring and evaluation of the scheme

The Agricultural Officer of the Krishi Bhavans will be responsible for effective implementation of the scheme at Panchayat level. The Assistant Director of Agriculture will monitor the scheme at block level and Deputy Director of Agriculture (YP) at district level. Principal Agricultural Officer will evaluate the scheme at district level. The Additional Director of Agriculture (CP) will monitor and evaluate the scheme at State level.

E. Budget Allocation

During the current year (2009-10) there is a provision of Rs.1525.00 lakhs for the implementation of coconut development programme under the head of account **2401-00-103-87 plan**. The total financial requirement for the programme comes to Rs.1452.50 lakhs which can be met from the provisions of Rs.1525.00 lakhs available under the head of Account **2401-00-103-87 plan**.

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: - Annual Plan 2009-'10 – Scheme on “**SEED AUTHORITY**” – Administrative Sanction accorded for implementation – Orders issued – Reg;

Read: - 1) G.O. (Rt.) No. 1424/2007/AD dt. 02.08.2007 of Agriculture Department.

2) Order No. TP (2) 18178/2008 dated: 29-04-2008 of Director of Agriculture.

ORDER No TP (2) 15050/09 dated: 22-04-2009

In the current year's budget of 2009-'10, there is a provision of **Rs.50.00 lakhs** for implementation of the scheme “*SEED AUTHORITY*” under the **head of account: 2401-00-103-83 Plan**. This is a continuing scheme.

The main programme carried out by Seed Authority is the Production of good quality paddy seed which is carried out in association with Kerala Agriculture University, Seed farms under Department of Agriculture, Krishi Bhavans and farmers of various padasekhara Samithies. The State has a well-organised seed programme, capable of ensuring timely and uninterrupted supply of quality seeds of HYVs suitable for different agro-climatic situations for sustained growth in rice production.

In the processing stage also various steps like processing of seed procured from farmers, transportation, of seeds as per the requirement of Krishi Bhavan etc. have to be attended by the Seed Authority.

Seed Authority is also engaged in the timely distribution of seeds towards the implementation of both State and Central sector schemes covering the whole districts of the state in 3 paddy seasons.

Inorder to carry out Seed Production Programme more effectively and co-ordinate activities in the Northern and Southern Zones and to produce and distribute quality seeds in a time bound manner, an amount of **Rs.50.00 lakhs** will be provided to Seed Authority as revolving fund.

Hence administrative sanction is accorded for implementation of the scheme “Seed Authority” for an amount of **Rs.50.00 lakhs [Rupees Fifty Lakhs Only]**. The expenditure of **Rs.50.00 lakhs** will be met from the budget provision available under the *H/A: 2401-00-103-83 plan*.

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

JDA, Seed Development Authority, Thrissur

Copy to

CA to Director of Agriculture

CA to all Additional DAs

Seed Development Authority, Thrissur

All JDAs at HQ / SFO

All Principal Agricultural Officers

PIO, FIB, Thiruvananthapuram for giving wide publicity

TA / Fin.

Stock file / Spare

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: - Annual Plan 2009-'10 – Scheme on “AGRICULTURAL FARMS”
– Administrative Sanction accorded for implementation – Orders
issued -reg.

Ref: - 1) G.O. (Rt.) No. 1165/07/AD dated: TVM, 30-06-2007 of
Agriculture Department

2)GO (Rt.) No. 1536/07/AD dated: TVM 13-08-2007.of
Agriculture Department

3) Order No: TP(2) 18179/08 dated 22.04.08 of Director of
Agriculture

Order No TP (2) 15053/09 dated: 07-05-2009

In the current year's budget of 2009-'10, there is a provision of **Rs. 110.00 lakhs** for implementation of the scheme “*Agricultural Farms*” under the head of account: 2401-00-104-91 Plan and **Rs. 15.00 lakhs** under the head of account : 4401-00-104-98 Plan. This is a continuing scheme.

The lion share of the scheme will be utilised for modernizing the special framers with a view to transform them as centres which are commercially viable and competent for achieving the following objectives.

- a. Production of quality seeds and seedlings of outstanding and high yielding varieties of crops suitable to our land for distribution among the farmers.
- b. Demonstration of cultivation techniques of high yielding varieties of crops and assessment of advanced technologies developed in the agricultural sector including mechanisation
- c. Establishment of a model agricultural unit integrating scientific management practices and better processing procedures.
- d. Improvement of infrastructural facilities in the farms.

The following activities will be implemented during the current financial year: -

The Special farms are to be modernised to function not only as production centres of quality planting materials but also as centres of demonstration of advanced agricultural technologies. The farms have to be provided with basic as well as sophisticated infrastructural facilities like green houses, irrigation support, tissue culture and hardening facilities, seed processing and storage facilities. The functioning and resource allocation will be modified in such a manner economically viable and commercially feasible.

The budget outlay of Rs.110.0 lakhs provided under the H/A : 2401-00-104-91 plan will be utilised for implementing the following components.

- Out of the total budget provision of Rs.110.0 lakhs provided under the H/A : 2401-00-104-91 plan an amount of Rs.87.00 lakhs will be utilised on account of input cost and minor works at special farms.
- Another amount of Rs.11.00 lakhs under the H/A : 2401-00-104-91 plan will be utilised for gap filling works at farms which are transferred to the District Panchayats.
- Provision for Rs.1.00 lakh under the captioned head is laid down for modernization works of Kannara Farm and Agricultural Demonstration Centre, Chalode
- Separate provision of Rs.4.50 lakh is set apart for meeting the transportation expenses at the farm
- An amount of Rs.6.50 lakhs is provided under the sub heads TE and POL @Rs.3.00 lakhs and Rs.3.50 lakhs respectively for

meeting the travelling expenses of the farm officers and fuel charges towards transporting planting materials

The following activities will be undertaken in each special farm in tune with the funds set apart for each component.

- Purchase of newly evolved nucleus planting materials from KAU, NSC, Research Institutions etc. More importance should be given for the procurement of remunerative crops and planting materials of high value crops so that receipt of farm can be increased.
- Increasing the area under progeny orchards and mother gardens
- Purchase of inputs required for existing crops as well as for production of planting materials
- Increasing irrigation facilities including purchase of pumpsets, laying pipelines, modern agricultural machineries, syntex type water tanks, constructions of water tanks, installation of sprinkler system, drip system, etc.
- To undertake any minor works, not exceeding Rs. 1.00 lakh, such as water harvesting structures, micronizers, land development, green houses, hardening facilities for tissue culture plantlets, fruit processing facilities, seed processing facilities, repair works etc.
- Meeting other contingencies including transportation cost

Capital outlay - Developing infrastructural facilities in special farms

An amount of **Rs. 15.00 lakhs** is provided under the Head of Account: 4401-00-104-98 plan which will be utilized for meeting the expenses for establishing infrastructural facilities essential for production of planting materials, construction of pump houses, permanent pandals,

seed stores, threshing yards, repair of farm offices, quarters and minor works of similar nature in special farms.

Separate outlay is earmarked for taking up major infrastructure development project requiring huge financial commitments in special farms under RIDF project - Head of Account: 4401-00-104-96 plan. The allocation of funds to special farms under each component is placed hereunder.

Sl. No.	Name of Farm	Fund allocation H/A : 2401-00-104-91 Plan (Rs in lakhs)			Capital Outlay H/A: 4401-00-104-98 Plan
		Input requirement	Minor Works	Total	
1	Banana Nursery, Peringamala	7.00	2.00	9.00	5.00
2	Cashew Farm, Kottarakara	5.00	1.00	6.00	
3	Sugarcane Seed Farm, Pandalam	10.00	2.00	12.00	5.00
4	State Vegetable Farm, Vandiperiyar	8.00		8.00	
5	Central Orchard, Pattambi	2.00	1.00	3.00	
6	Horticulture Development Farm, Malampuzha	5.00	2.00	7.00	3.00
7	Orange & Vegetable Farm, Nellyyampathy	6.00		6.00	
8	ISD Farm, Eruthenpathy	8.00		8.00	
9	Seed Garden Complex, Munderi	15.00	4.00	19.00	2.00
10	Cashew Progeny Orchard, Adhur and Galimukha	7.00	2.00	9.00	
	Total	73.00	14.00	87.00	15.00

Hence administrative sanction is accorded for implementing the schemes “*Agricultural Farms*”, 2009-10 with the components above for a total amount of **Rs. 125.00 lakhs** (Rupees One Hundred and Twenty Five only). The expenditure will be met from the budget provision of **Rs. 110.00 lakhs** available under the head of account: 2401-

00-104-91 Plan and **Rs. 15.00 lakhs** under the head of account: 4401-00-104-98 Plan of the current year budget as detailed below: -

2401-00-104-91 Plan	OC	-	Rs. 103.50 lakhs
	POL	-	Rs. 3.50 lakhs
	TE	-	Rs. 3.00 lakhs
	Total :		Rs.110.00 lakhs
4401-00-104-98 Plan		:	Rs. 15.00 lakhs

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

Copy to

CA to Director of Agriculture

CA to all Additional DAs

State Agricultural Engineer

All JDAs at HQ / SFO

PIO, FIB, Thiruvananthapuram for giving wide publicity

TH / TG sections

Fin Section - is requested to sent suitable proposal to GOK for the re-classification of the amount under 2401-00-104-91 plan as 'OC', "POL", & "TE" detailed above.

Stock file / Spare

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: Annual Plan 2009-10 – scheme on ‘Modernization Of Departmental Laboratories’ – Administrative Sanction accorded – orders issued.

Ref: 1) GO (Rt) No. 1735/07AD dated: 18-09-2007 of Department of Agriculture.

2) GO (Rt.) No. 1903/07/AD dated: 15-10-2007 of Department of Agriculture

3) TP (2) 18182/08 dated: 25-04-2008 of Director of Agriculture

ORDER NO. TP (2) 15054/09 dated: 22-04-2009

In the current year’s budget (2009-10), there is a provision of Rs. 200.00 lakhs for the implementation of the scheme “Modernization of Departmental Laboratories”, Rs.150.00 lakhs under the Head of account 2401-00-105-86 plan and Rs.50.00 lakhs under the head of account 4401-00-107-97 plan. This is a continuing scheme.

The laboratories functioning under the Department of Agriculture are aimed at monitoring the quality of inputs like fertilizers and pesticides supplied to farmers through analysis of samples and encouraging scientific fertilizer and manurial application by soil testing. Bio-control laboratory, bio-fertilizer laboratory and Biotechnology & Model Floriculture Centre are involved in the production of inputs which are widely used by farmers. There are 14 stationary and 9 mobile soil testing labs, one Central Soil Testing Lab, 2 fertilizer quality control laboratories, one pesticide testing lab, one bio-control lab, 2 bio-fertilizer laboratories, 2 seed testing laboratories and one Biotechnology & Model Floriculture Centre, 9 parasite breeding stations are involved in the activities mentioned above.

The following components will be implemented during 2009-10.

Strengthening of Central Soil Testing Laboratory, Central Soil Plant Health Centre and 14 district Soil Testing Laboratories and 9 Mobile Soil Testing Laboratories

The strengthening includes purchase of modern equipments, replacement of old equipments, repair of equipments, purchase of glasswares and chemicals, AMC for laboratory equipments, Purchase of filter paper, refilling of gas in gas cylinders and enhancing infrastructural facilities of the laboratories. An amount of **Rs.25.00 lakhs** is provided for the strengthening of these laboratories under the Head of Account 2401-00-105-86 plan and **Rs.5.00 lakhs** under the Head of Account 4401-00-107-97 plan.

Strengthening of State Pesticide testing laboratory,
Thiruvananthapuram

In this laboratory, quality control analysis of the pesticides samples are carried out. So it is highly essential to strengthen this laboratory by providing highly sophisticated equipments. The repair of already purchased equipments, purchase of glasswares, chemicals, air conditioning of the laboratory, repair and maintenance of the laboratory, also have to be carried out. An amount of a **Rs.14.18 lakhs** is set apart under the Head of Account **2401-00-105-86 plan** and **Rs.2.00 lakhs** under the Head of Account **4401-00-107-97 plan** which will be utilized for the above mentioned activities.

Strengthening of Fertilizer quality control laboratories at
Thiruvananthapuram and Palakkad

Quality control analysis of fertilizer samples are carried out in these laboratories. Strengthening of these laboratories will be done by providing modern equipments like Atomic Absorption

Spectrophotometer, replacement of old equipments, repair of equipments, purchase of glasswares and chemicals, repair and maintenance of the laboratories, extension of laboratories etc. An amount of **Rs.13.40 lakhs** is set apart under the Head of Account **2401-00-105-86 plan** and **Rs.5.95 lakhs** under the Head of Account **4401-00-107-97 plan** for the strengthening of these laboratories.

Strengthening of bio fertilizer laboratories

Two State Biofertilizer laboratories are functioning under the Department of Agriculture, one at Thiruvananthapuram and another at Palakkad. The demand for biofertilizers is increasing in the state especially in the context of organic farming. So it is necessary to provide the good quality biofertilizers to the farmers of the state at reasonable rate. Hence an amount of **Rs.4.00 lakhs** is set apart under the Head of Account **2401-00-105-86 plan** for the strengthening of these laboratories.

Strengthening of Bio-control Laboratory and Parasite Breeding Stations

Biological control is the best eco-friendly method of pest management. Use of bio-pesticides, releasing of predators and parasites and fungal/bacterial pathogens of pests are done in bio-control of pests. Under the Department of Agriculture, State Bio-control laboratory is functioning at Mannuthy in Thrissur District. Various formulations of Bio-control agents like Trichograma (Trichocards) used against pests of paddy, Pseudomonas, Trichoderma etc. are produced and distributed to farmers from this centre. These products have become very popular among the farmers and the demand is often higher than the production capacity of the lab. To augment the production of bio-control agents, the centre's function need to be strengthened. An amount of **Rs.43.74 lakhs**

is set apart for the strengthening of the biocontrol laboratory under the Head of Account **2401-00-105-86 plan**.

Under the department there are 9 Parasite Breeding Stations functioning at Thiruvananthapuram, Kollam, Alappuzha, Kottayam, Ernakulam, Thrissur, Malappuram, Kozhikode and Kasaragode. An amount of **Rs. 1.35 lakhs** is earmarked for the maintenance of these stations under the Head of Account **2401-00-105-86 Plan** which will be utilized for purchase of glasswares, equipments and other raw materials required for the functioning of these stations and an amount of **Rs.1.50 lakhs** is set apart under the Head of Account **4401-00-107-97 plan** for the completion of the new building for Parasite breeding station at Thiruvananthapuram.

Maintenance of seed testing laboratories

The Seed Testing Laboratories functioning under the department is aimed at ensuring the quality of seeds supplied to farmers through various types of analysis of seed samples. The facilities of these labs can be strengthened to cater the needs of farming community. Creation of additional infrastructure facilities and purchase of equipments, chemicals, furniture etc., will be undertaken for the two seed testing laboratories at Thiruvananthapuram & Alappuzha. An amount of **Rs. 1.83 lakhs** is set apart for the purpose under the Head of Account **2401-00-105-86 Plan**.

An amount of **Rs.5.55 lakhs** is set apart under the Head of Account **4401-00-107-97 plan** for providing infrastructure facilities for the seed testing laboratory at Alappuzha.

Strengthening of Biotechnology and Model Floriculture Centre

This centre produce and distribute micro propagated (tissue culture plantlets) planting materials of Banana, Pepper, Anthurium, Orchids, Foliage plants etc. The activities of the lab has to be strengthened for augmenting production capacity. Procurement/replacement of equipments, replacement of existing air-conditioning facilities, AMC of the already purchased equipments, electricity charges has to be carried out in the lab during the year. An amount of **Rs.25.00 lakhs** is set apart under the Head of Account **2401-00-105-86 plan** and an amount of **Rs.30.00 lakhs** is provided under the Head of Account **4401-00-107-97 plan** for the above purpose.

Drawl of samples for quality control analysis

For quality control programme, sampling of fertilizers, pesticides, biofertilizers, organic manures, bio pesticides, seeds and soil has to be undertaken. This will be done by the quality control inspectors of the Department of Agriculture. While drawing samples, from the pesticide and fertilizer dealers, payment has to be made for the drawn samples. For this purpose an amount of **Rs.6.00 lakhs** is set apart under the Head of Account **2401-00-105-86 plan** which will be allotted to the Principal Agricultural Officers of 14 districts.

Executorial Infrastructure

For carrying out various activities of the laboratories like collection of parent material, distribution of tissue culture plantlets, sampling of pesticides, fertilizers, organic manures, soil and other official activities etc the officers of the Department and laboratories have to conduct tours for which expenses are involved by way of fuel charge, maintenance charges, traveling expenses etc. In the current years budget provision, under the Head of Account 2401-00-105-86 plan an amount of Rs.10.00 lakhs is provided under the sub head “TE”, Rs.2.50 lakhs under “OI” and Rs.2.50 lakhs under “POL” and Rs.0.50 lakhs under "MV (R&M)", which can be utilized for the purposes.

In the current years budget 2009-10, there is a provision of **Rs. 150.00 lakhs** under the head of account 2401-00-105-86 Plan and **Rs. 50.00 lakhs** under the Head of Account 4401-00-107-97 Plan for the implementation of the above components of the scheme. The abstract of the components to be implemented during 2009-10 is as follows.

Sl. No .	Component	2401-00-105-86 Plan (Rs. lakhs)	4401-00-107-97 Plan (Rs. lakhs)
1	Strengthening of Central Soil Testing Laboratory, Central Soil Plant Health Centre and 14 district Soil Testing Laboratories and 9 Mobile Soil Testing Laboratories	25.00	5.00
2	Strengthening of State Pesticide testing laboratories, Thiruvananthapuram	14.18	2.00
3	Strengthening of Fertilizer quality control laboratories at Thiruvananthapuram and Palakkad	13.40	5.95
4	Strengthening of bio fertilizer laboratories	4.00	
5	Strengthening of Bio-control Laboratory and Parasite Breeding Stations	45.09	1.50
6	Maintenance of seed testing laboratories	1.83	5.55
7	Strengthening Biotechnology and Model	25.00	30.00

	Floriculture Centre		
8	Drawl of samples for quality control analysis	6.00	
9	Executional Infrastructure	15.50	
	Total	150.00	50.00

Hence Administrative Sanction is accorded for the implementation of the scheme 'Modernization Of Departmental Laboratories 2009-10' for a total amount of Rs. 200.00 lakhs. The expenditure will be met from the Head of accounts as follows.

2401-00-105-86 plan	- OC	-	Rs.134.50 lakhs
	- TE	-	Rs.10.00 lakhs
	- POL	-	Rs.2.50 lakhs
	- OI	-	Rs.2.50 lakhs
	- MV (R&M)	-	Rs.0.50 lakhs
4401-00-107-97 plan		-	Rs. 50.00 lakhs
Total		-	<u>Rs.200.00 lakhs</u>

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All PAOs
CSC, Central Soil Testing Lab, Parottukonam
Deputy Director of Agriculture, FQCL, Parottukonam and Pattambi
Deputy Director of Agriculture, PTL, Parottukonam
Deputy Director of Agriculture, SBCL, Mannuthy

Copy to:

CA to Director of Agriculture
CA to all Additional Directors of Agriculture
Senior Finance Officer
State Agriculture Engineer
All JDAs at Head Quarters
PPO (HQ)
Deputy Director of Agriculture (CD)
ADA, B&MFC
TA, TD, TF, TQ, VC Sections
Fin Section
Stock/Fare

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: - Annual Plan 2009-10 – Scheme on “Integrated Pest Management System” – Administrative Sanction accorded for implementation – Orders issued.

Ref: - 1) G.O. (Rt.) No. 1199/2007/AD Dated: TVM, 04-07-2007 of Agriculture Department.

2) TP (2) 18183/08 dated: 24-04-2008 of Director of Agriculture.

ORDER NO. TP (2) 15051/09 DATED: 22-04-2009.

In the current year’s budget (2009-10), there is a provision of **Rs.50.00 lakhs** for implementation of the scheme “Integrated Pest Management System” under the head of account: 2401-00-107-83 Plan. This is a continuing scheme.

The following components will be implemented during 2009-10.

a. Maintenance of light traps

In order to carry out the pest surveillance programme effectively, light traps were established in paddy areas of Alappuzha, Kottayam, Ernakulam, Thrissur and Palakkad districts under the scheme. The light traps are continued to be maintained for the effective surveillance of pest. An amount of **Rs.0.83 lakhs** is set apart for the maintenance of these light traps.

b. Rodent Control campaign

Rodent control campaign will be conducted on compact area basis in selected Panchayats, where rodent incidence is a major problem. Poison baiting is the method most commonly used by the farmers. Required quantity of Zinc Phosphide/Bromodiolone will be supplied to the farmers free of cost. Awareness campaigns will be organized by involving self-help group of farmers. An amount of Rs. 25000/- will be required for each campaign, which includes Rs.24000/- towards chemical cost and Rs.1000/- for training, publicity, packing etc. Zinc Phosphide/Bromodiolone @10g/50g respectively, per house will be supplied to the farmers with leaflet containing information on how to use the chemical. An amount of **Rs. 3.50 lakhs** is earmarked under this component for conducting 14 rodent control campaigns.

c. Maintenance of MAC Van

There are 12 mobile agro-clinics under the Department, which constantly monitor pest and disease out break and undertake on the spot control measures in an event of upsurge of pests and diseases in the station noticed. An amount of **Rs. 1.50 lakhs** is set apart for maintaining its activities such as monitoring pest and disease outbreak and undertake on the spot control measures. Forecasting of pest and disease outbreak may be made through various mass media utilising services of FIB, whenever needed.

d. IPM Training

In order to implement the scheme effectively, officers of the department including Agricultural Assistants will be given specialised training on IPM emphasising various subjects like Agro Eco system analysis, identification of key pests of important crops, biological control, various cultural methods for crop protection and pest management,

Economic Threshold Level of various pests, details of various bio pesticides in the market, safe use of pesticides etc., through Regional Agricultural Technology Training Centre. It is proposed to organize 35 Nos. of 2 days training programme @ Rs. 10,000/- as detailed below:

1	Honorarium to faculties and experts for handling classes @ Rs. 250/- per hour for 10 hours	Rs. 2500.00
2	Stationery, printing of booklet on IPM etc.	Rs. 2500.00
3	Working lunch, Morning and evening tea @ Rs. 60/- (60 x 30 x 2)	Rs. 3600.00
4	POL and other expenses	Rs. 1400.00
	Total	Rs. 10,000.00

An amount of **Rs. 3.50 lakhs** is earmarked for this component.

e. ***Strengthening of Kerala Centre for Pest Management at Moncombu***

The main objectives of these centres are:

1. Collection of basic data of the cultivated paddy for each season
2. Surveillance of pest and diseases of paddy in Kuttanad area. Three types of surveys are conducted -
 - a) Light trap surveys – Insects attracted to light are studied and instructions given to farmers.
 - b) Fixed plot surveys – Details of pests and disease intensities are collected and instructions given to farmers.
 - c) Roving survey – Roving surveys are conducted on 4 days every week and farmers are given the necessary recommendations.
3. Timely forewarning to the farmers and extension officers of the Department based on actual data of the pests and disease situation of paddy in Kuttanad

4. Conduct of agro-clinics in the padasekharams to facilitate practical application of modern trends in IPM in the field level
5. Periodical training to the farmers and extension officers of the department
6. Conduct of special workshops and seminars with the co-operation of the scientists of Kerala Agricultural University to chalk out remedial measures for the technical problems in the field.

An amount of **Rs.3.00** lakhs is earmarked for strengthening of KCPM at Moncombu in Alappuzha.

f. Rapid action force

In the event of sudden pests/disease outbreak in any part of the state, the concerned Agricultural Officer should report the same to the District Diagnostic Team, which includes the Deputy Director of Agriculture (WM) as team leader, Deputy Director of Agriculture (T), scientist from the RARS of the area (Kerala Agricultural University) and scientist from CPCRI/CTCRI, if available in the area. The District Diagnostic Team will visit the area and recommend suitable control measures. A copy of the report will be sent to the Director of Agriculture by fax/e-mail. Based on this report the Rapid Action Wing at the State level, under the leadership of the Joint Director of Agriculture (Plant Protection), if required, will visit the area, and decide upon the control measures and the financial assistance to be provided to take up the control measures. The expenses involved in the adoption of such control measures on emergency basis including cost of fungicides, pesticides and spraying charges will be met from the provision under this component for which an amount of **Rs.32.67 lakhs** is set apart during this year. The remedial measures/control measures will be undertaken on a community

basis ensuring maximum co-operation of farmer's involved. The Principal Agricultural Officer will be responsible for the effective conduct of the Plant Protection operations under this component.

g. Executional infrastructure

An amount of **Rs. 5.00 lakhs** is earmarked under this component.

Rs. 3.50 lakhs is set apart for TE for mobility of the staffs, **Rs. 0.75 lakh MV(R&M)** and **Rs.0.75** lakhs under POL for the vehicles used in KCPM, Moncombu. and mobile agro clinics.

Hence administrative sanction is accorded for implementation of the above components of the scheme, “Integrated Pest Management system”, for a total amount of **Rs.50.00 lakhs** [Rupees Fifty lakhs only]. The expenditure will be met from the budget provision of Rs. 50.00 lakhs under the head of account: 2401-00-107-83 Plan from the current year budget as detailed below:

2401-00-107-83 plan

OC	-	Rs.45.00 lakhs
TE	-	Rs.3.50 lakhs
POL	-	Rs.0.75 lakhs
MV (R&M)	-	Rs.0.75 lakhs.

ABSTRACT

Sl. No.	Component	Amount (Rs. in Lakhs)
1	Maintenance of light traps	0.83
2	Rodent Control campaign	3.50
3	Maintenance of MAC Van	1.50
4	IPM Training	3.50
5	Strengthening of Kerala Centre for Pest Management at Moncombu (KCPM)	3.00

6	Rapid action force	32.67
7	Executorial infrastructure	5.00
	Total	50.00

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

Copy to

CA to Director of Agriculture

CA to all Additional DAs

All JDAs at HQ / SFO

Principal Information Officer,

FIB, Thiruvananthapuram for giving wide publicity

TD Section

Finance section : - to send proposal to Government to get
modification for the appropriation of amounts
in sub heads "OC", "TE", "POL" and "MV
(R&M)" as detailed above.

Stock file/Spare

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM**

Sub: -Annual Plan 2009-'10 – Scheme on “**FARM INFORMATION AND COMMUNICATION**” – Administrative Sanction accorded for implementation – Orders issued.

Ref: - 1) G.O. (Rt.) No. 1383/07/AD Dated: TVM, 28-07-2007 of Agriculture Department.
2) TP (2) 18187/2008 dated: 23-04-2008 of Director of Agriculture.

ORDER No. TP (2) 15061/09 dated: 17-04-2009.

In the current year's budget of 2009-'10, there is a provision of **Rs.120.00 lakhs** for implementation of the scheme “ Farm information and communication” under the head of account: 2401-00-109-84 Plan. This is a continuing scheme.

The following activities will be implemented during 2009-10 by the Farm Information Bureau.

ACTIVITIES

I. FARM NEWS SERVICE AND PUBLICATIONS

a. Publication of Kerala Karshakan

Kerala Karshakan is the Malayalam journal published by Farm Information Bureau, contain articles not only from the field of Agriculture but also from Animal Husbandry and Dairy. Journal has been changed into monthly and made more attractive and useful to the farming community. Number of pages has been increased and converted to a full colour magazine. Photographic competition are held at Farm Information Bureau, Thiruvananthapuram to meet the requirement of photos for cover pages.

b. Publication of farm guide and other information materials

Farm Guide is an annual publication of Farm Information Bureau, which contains all basic data and technical information in the farm sector, telephone address, informations related to the Government of Kerala, and major institutions in Agriculture sector etc.

During this year also the Bureau proposes to bring out Farm Guide.

Print media plays a major role in information communication. Farm Information Bureau provides communication support to farming sector by supplying information materials like leaflets, booklets, posters etc.

The Bureau proposes to publish different types of leaflets, different types of booklets, multicolored posters, stickers and folders during this year.

c. Streamlining the flow of Agricultural Information/ News to mass media

It is proposed to exploit the full potential of mass media, especially electronic media, to strengthen the agricultural extension activities of the Department of Agriculture. Now the news regarding the agricultural development programmes to the mass media are being fed by FIB through their Trivandrum, Ernakulam and Kozhikode Offices. Timely supply of news or information to the mass media need to be ensured to strengthen the agricultural extension programmes in the state. The District Agricultural Information Officer shall pass on the news related to the agricultural programmes/activities of the district to the mass media, FIB, Directorate of Agriculture etc. through e-mail. The news items shall include various agricultural development activities of the district including details on natural calamities.

d. Release of advertisement

Advertisement in the mass media is considered to be an effective instrument in bringing out awareness to farming community about the various development activities undertaken by the department and allied agencies in the farm sector. Newspapers, magazines, journals etc are employed to release advertisement.

e. Farm news over radio & TV

Farm news service is an another activity of Farm Information Bureau and is broadcasted through 'All India Radio'. Farm news under the title of "Karshika Meghala Varthagal" is regularly broadcasted from Thiruvananthapuram, Alappuzha, Kozhikode and Thrissur station at 7.00 am. Evening bulletins are broadcasted from Kozhikode at 7.10 P.M., Kochi FM., 7 A.M., 2.30 P.M. and 7.10 P.M. From Kannur FM starts the broadcast at 6.50 A.M.

NEWS items are collected from field level officers throughout the State and script for the bulletins are prepared and sent to AIR stations for

broadcast. Contents of farm news includes information on supplies and services by Government and agencies in farm sector, farming tips, weather forecast, news on outbreak of diseases, preventive measures etc.

Farm NEWS over Doordarsan

Farm Information Bureau, undertake collection of information in farm sector on daily basis from various institution under farm sector, and supply input for broadcasting Farm NEWS through Doordarshan. NEWS includes New innovations, schemes, practices, implements, Pest and disease control measures, success stories, market information weather bulletin etc.

f. Press release

News paper is one of the most effective mass media and Keralites are known for their newspaper reading habit. Most dailies have farm feature pages. Farm Information Bureau is an authorized Government agency to feed the print media, the news regarding the departmental activities of Agriculture, Animal husbandry and Dairy Departments. The news are processed and communicated to the various print and electronic media through fax. Press release is issued daily from the Headquarters and regional offices.

g. Publication of news digest

The bureau will publish news digest including all the news disseminated through various dailies and other news of relevance in Agriculture, Animal Husbandry and Dairy as a monthly.

h. Publication of Semi Scientific Bi-monthly House Magazine in Agriculture

Farm Information Bureau will publish a semi scientific bimonthly magazine. The Magazines shall compile, edit recent advances in the areas of agriculture sector like research and extension. These magazines will be circulated exclusively among technical officers of the department.

i. Publication of news letter (Harithadalam)

Farm Information Bureau was publishing a fortnightly newsletter-Harithadalam including timely news and events taking place in the farming sector.

II. ORGANIZATION OF EXHIBITIONS

Exhibition is a very powerful visual medium for effective communication, transfer of technology, aimed to educate the farmers on development programme and advanced techniques.

The Bureau organizes three types of exhibitions

1. Major exhibition
2. Rural exhibition
3. Subscriber's meet

a. Major Exhibition

Participation in the major exhibition is a major and spectacular activity conducted by the Farm Information Bureau.

These exhibitions are conducted by setting up our own pavilions with live specimens, pictures, charts, miniatures etc.

The Bureau participates in India International Trade Fair in New Delhi, flora expo, Hortifood New Delhi, Thrissur Pooram Exhibition and other major exhibitions conducted by the City Corporations.

b. Rural Exhibition

Major part of our farming community are in rural area. Education and motivation for them to adopt proven techniques, informing them about the programmes going on in the rural areas etc calls for intensive effort and rural exhibition is the ideal medium for achieving this. This is conducted along with cattle shows, seminars and science fairs. The duration of this exhibition varies from a day to week.

c. **Subscribers Meet (Readers Forum Meeting)**

Farmers in Kerala prefer Kissan Melas than any other form of mass communication. As a part of this mela, exhibition and seminar will be conducted providing sufficient time for farmers to participate in the discussions. Farmers who are subscribers of Kerala Karshakan are invited to participate in Reader's Forum included in the melas.

III. VIDEO PRODUCTIONS

Farm Information bureau is producing a Video programme titled "Noorumeni" during this year which was also done in the previous year. Doordarshan has allotted required time slot to Telecast the programme. Such Video Programme on Agriculture and allied sector act as media to discriminate the know-how to farmers in right place at right time.

IV. FARM FEATURE SERVICE

Farm feature workshop is a regular activity of Farm Information Bureau, conducted for providing an opportunity for interaction with farm journalists.

The Bureau proposes to conduct two State level Farm Feature Workshop with participants comprising of Editors of newspaper, persons handling farm feature pages, farm journalists, representatives from other media, AIR & Doordarshan and department officials.

Eminent journalists, experts from print and electronic media, Scientists from Agricultural University etc will be invited as resource personals in the workshop.

V. CYBER EXTENSION

The Farm Information Bureau is having internet connection with access to development of National and International level of agricultural sector. This will be maintained and modern equipments will be purchased for developing modern communication facilities.

VI. Fuel charge AND TRAVELLING EXPENSE

The activity of the Farm Information Bureau requires lot of mobility. There are two vehicles in the Headquarters and one each in the regional offices. For this purpose provision will be made under POL, R&M and TE.

VII. TOLL FREE TELEPHONE CONNECTION

A toll free telephone connection has been installed at the office of the Hon: Minister for Agriculture (No. 18004254718). For this purpose a separate phone connection has also been obtained and installed there at Rent and the toll free telephone charges are to be met from Farm Information Bureau.

Budget Outlay

An amount of **Rs.120.00 lakhs** is set apart under Head of Account 2401-00-109-84 plan which will be utilized for the above activities of the Bureau. The provision is classified as detailed below:

OC	-	Rs.115.00 lakhs
Tour TA	-	Rs.2.00 lakhs
POL	-	Rs.2.25 lakhs
R&M	-	Rs.0.75 lakhs

Hence Administrative Sanction is accorded for the implementation of the scheme "*Farm Information and Communication*" for a total amount of Rs.120.00 lakhs under the Head of Account 2401-00-109-84 plan from the current year's budget.

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

Principal Information Officer, Farm information Bureau.

Copy to

CA to Director of Agriculture

CA to all Additional DAs

All JDAs at HQ / SFO

TV section

Stock file / Spare

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: Annual Plan 2009-10 – scheme on ‘**STRENGTHENING OF AGRICULTURAL EXTENSION**’ – Administrative Sanction accorded – orders issued.

Ref: 1) G.O. (Rt.) No. 1747/07/AD Dated: TVPM, 20-09-07 of Agriculture Department.
2) TP (2) 18186/08 dated: 03-05-2008 of Director of Agriculture .

Order No. TP (2) 15057/09 dated: 07-05-2009

In the current year’s budget, there is a provision of Rs. 195.00 lakhs for the implementation of the scheme “STRENGTHENING OF AGRICULTURAL EXTENSION”, under the Head of account 2401-00-109-80 plan. This is a continuing scheme. The main objectives of the scheme are:

- 1) Reorienting the agricultural extension system to be more demand driven and farmer friendly.
- 2) Use of individual farmer contact and group approach for field visits
- 3) Developing Grass Root Level Support System for agricultural development

- 4) Creating awareness among farmers about the programmes being implemented by Department of Agriculture and ensuring effective participation.
- 5) Strengthening of training centres
- 6) Promoting cyber extension
- 7) Recognition to outstanding farmers of the state for their performance in the field of agriculture.

During the current year the following activities will be implemented under the scheme.

1. Public Participation in Agricultural Programmes

A key factor in the success of all agricultural development programmes is to ensure farmer/public participation through melas, workshops, seminars, distributing awards and incentives to farmers, farm journalists and extension workers for outstanding performance. The major activities that will be carried out under this programme are:

a. **Farmers Day**

Farmers day celebrations will be conducted on **Chingam 1** at State and Panchayat levels. In all the **1076 Krishi Bhavans**, public meetings will be conducted under the Chairmanship of Panchayat President/Municipal Chairman/Mayor on that day.

An amount of **Rs.16.14 lakhs** is earmarked for Farmers Day celebration @Rs.1500/- per Krishi Bhavan for 1076 Krishi Bhavans and Rs.1.00 lakh for conducting farmers Day celebration at State level.

b. **District level and panchayat level Karshika Vikasana Samithies**

The district level karshika Vikasana Samithies are to be convened once in two months and those at the Panchayat level are to be convened

every month. To meet the expenses connected with the conduct of meetings, an amount of **Rs.2.22 lakhs** is provided.

c. Conducting of State and District level interfaces, seminars, functions, workshops, meetings etc.

The district level interface between the Departmental officers, researchers and farmers will be conducted before the commencement of each planting season and outcome of the deliberations will be documented and supplied to all concerned. The farming system prevalent in the district and locally specific problems will be deliberated in the interface. Also the farm trials to be taken up for tackling the field problems and for popularization of newer technologies in the farmers field will be discussed and finalized.

A State level interface will also be convened during the course of the year.

The Principal Agricultural Officer should conduct a single day district level seminar in consultation with District Karshika Vikasana Samithy. Important crops of the district, new hi-tech agricultural technologies, important problems faced by farmers and schemes implemented in the district will be brought to the seminar for discussion.

It is also necessary to conduct various State and District level functions, meetings and workshops to ensure awareness and full participation of farmers in implementation of Departmental Schemes.

An amount of **Rs.30.64 lakhs** is provided for the above activities.

d. Karshaka Awards

Outstanding farmers are being honoured by the State every year, for rendering their exemplary service to the agriculture and other allied

sectors. The various nominations recommended from Krishi Bhavan level and district level will be scrutinized by a State Level Committee. Various awards for outstanding performance in the field of agriculture will be distributed to winners in each field. An amount of **Rs.5.00 lakhs** is earmarked for meeting the expenses connected with the distribution of awards.

2. Strengthening of Training Centres

There are 9 training centres including 5 RATTC, 2 FTC, 1 RBDTC and RTTC are working under the Department of Agriculture. These training institutes will make close linkages with various research stations including Kerala Agricultural University, ICAR institutions, other training institutes and a number of experts in various fields associated with agriculture and conduct trainings for farmers and field level functionaries for knowledge and information dissemination. For the smooth conduct of the training programmes, these training centers are to be strengthened, which includes improving the infrastructural facilities including hostel facilities, strengthen library facilities, collection of information and documentation, installation of modern equipments, training aids etc.

An amount of **Rs.35.00 lakhs** is set apart for strengthening of the training centers.

3. Information Technology and Cyber Extension.

Department of Agriculture have established internet connectivity upto Assistant Director of Agriculture level office. More than 50 % of Krishi Bhavans were also provided with computers. With the available infrastructure facilities, the concept of cyber extension will be promoted

under the new extension systems. Crop related information will be made available through the computer network. It is also proposed to communicate messages to farmers through internet facility through developing appropriate softwares. The market information details will also be made available through the internet facility.

An amount of **Rs.60.00 lakhs** will be utilized for the purpose. The provisions will be utilized for meeting the expenses related to running and maintenance of computers including annual maintenance of computers.

Hence Administrative sanction is accorded for implementation of the captioned scheme "**Strengthening of Agricultural Extension 2009-10**" for an amount of **Rs.150.00 lakhs** [Rupees One Hundred and Fifty Lakhs Only]. The expenditure in this regard will be met from the budget provision of **Rs.195.00 lakhs** provided under the **Head of Account : 2401-00-109-80 plan** of current year.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

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CA to Director of Agriculture

CA to all Additional DAs

All JDAs at HQ / SFO

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**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM**

Sub: - Annual Plan 2009-10 – Scheme on “**CROP INSURANCE**” – Administrative Sanction accorded for implementation – Orders issued.

Ref: - 1) G.O.(Rt.)No. 942/2007/AD Dated: Thiruvananthapuram, 05-06-2007 of Agriculture Department.
2) TP (2) 18189/08 dated: 26-04-2008 of Director of Agriculture.

Order No. TP (2) 15066/09 dated: 15-04-2009.

In the current year’s budget of 2009-10, there is a provision of **Rs.100.00 lakhs** for implementation of the scheme “**CROP INSURANCE**” under the head of account: **2401-00-110-99 Plan**. This is a continuing scheme.

To cater to the risk coverage of small and marginal farmers, Crop Insurance scheme is implemented covering 25 major crops grown in the State. The crop insurance fund is operated with the contribution from participating farmers by way of premium and government contribution. The main objectives of the scheme are: -

1. To provide crop insurance coverage for 25 crops subject to loss due to natural calamities

2. To provide state's share to the corpus fund of State Insurance Scheme of the Government of Kerala.

Under the scheme, 25 crops are covered viz. paddy, coconut, arecanut, rubber, cashew, tapioca, banana (nendran, palayamkodan, robusta, Red banana), pineapple, pepper, cardamom, ginger, turmeric, coffee, tea, cocoa, sesamum, groundnut, vegetables, nutmeg, clove, betel vine, pulses, tuber crops, sugarcane and tobacco. Relief assistance is provided for crop loss due to natural calamities like drought, flood, landslip, landslide, earthquake, sea erosion, cyclone, storm, lightning, forest fire and wild elephant menace.

The scheme is to provide compensation for the crop loss due to natural calamities. Farmers joining the scheme shall remit the premium fixed for the crop for which insurance coverage is required.

A crop insurance fund has been created at the State level. The corpus of the fund is Government grant provided through the budget, premium collected from farmers and the interest accrued thereon. An amount of **Rs.100.00 lakhs** is set apart as government contribution to the crop insurance fund.

Hence administrative sanction is accorded for implementation of the above scheme, "Crop Insurance", for a total amount of **Rs.100.00 lakhs** [Rupees One Hundred lakhs only]. The expenditure will be met from the budget provision of **Rs.100.00 lakhs** under the head of account: **2401-00-110-99-OC Plan** from the current year budget.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

Copy to

CA to Director of Agriculture

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All JDAs at HQ / SFO

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**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
VIKAS BHAVAN, THIRUVANANTHAPURAM**

Sub: - Annual plan - 2009-10 - Scheme on Agro Service Centre –
Administrative sanction accorded for implementation - Orders
issued - Reg.

Ref: - GO (Rt.) No. 316/09/AD dated: 27-02-2009.

ORDER NO. TP (2) 16557/09 DATED: 28-04-2009

During the current financial year (2009-10), there is a budget provision of **Rs.20.00 lakhs** [Rupees Twenty lakhs Only] under the Head of Account :2401-00-113-86 plan for implementing the captioned scheme "**Agro Service Centre - 2009-10**". This is a continuing scheme.

During 2009-10 the scheme will be implemented in the districts of Thiruvananthapuram, Pathanamthitta and Kozhikode by establishing Agro Service Centres through which custom hiring of machineries and other implements. Apart from functioning as custom hiring centers, the centre will provide technical guidance for promoting agricultural mechanization, timely repair and maintenance of the machinery, popularization of improved machinery/implements.

Under the programme infrastructure facilities of the three districts level agricultural engineering workshops will be strengthened to function

as custom hiring cum service centers. Tractors, power tillers and cultivators will be purchased and rented out to farmers as per their requirement. These centers will also provide skilled training in the operation and maintenance aspects of all machinery/implements to farmers/farm labourers.

Utilizing the budget provision of Rs.20.00 lakhs the following machineries will be purchased for the three Agro Service Centres.

Sl. No.	Description	Amount (In lakhs)
1	Tractors (40-50 HP) 3 nos @ 5/- lakhs	15.00
2	Power tiller 3 nos. @ 1.25 lakhs	3.75
3	Cultivators 3 nos @ 0.15 lakh	0.75
4	Cage wheel sets 3 nos. @0.15 lakh	0.45
5	Unforeseen expenses	0.05
	Total	20.00

[Rupees Twenty lakhs Only]

The purchase of machineries will be affected as per rules. The machineries/implements will be managed by the Assistant Executive Engineer (Agri.) of the district.

At district level a committee will be formed under the chairmanship of District panchayat president with the following members.

1. Standing committee chairman of the district panchayat - Member
2. Principal Agricultural Officer - Member
3. Executive Engineer (Agri.) of the region - Member
4. Assistant Executive Engineer (Agri.) - Convenor

Reasonable rent will be fixed for machinery considering the local condition, by the committee. This committee will meet frequently in

cropping seasons and atleast once in two months and discuss problems and sort out solutions for the effective functioning of the centre.

There will be a State Level Monitoring Committee under the Chairmanship of Director of Agriculture with the following members:

1. Additional Director of Agriculture (CP)
2. Additional Director of Agriculture (Plg.)
3. State Agriculture Engineer

The procured machinery can be used anywhere in state, as per requirement and direction of the Director of Agriculture.

Hence Administrative sanction is accorded for implementation of the captioned scheme "**Agro Service Centre 2009-10**" for the total amount of **Rs.20.00 lakhs** [Rupees Twenty Lakhs Only]. The expenditure in this regard will be met from the budget provision of Rs.20.00 lakhs provided under the Head of **Account : 2401-00-113-86 OC plan** of current year.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

The Assistant Executive Engineer (Agri.) - Thiruvananthapuram,
Pathanamthitta and Kozhikode

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CA to all Additional DAs
State Agricultural Engineer
All JDAs at HQ / SFO
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PAOs, Thiruvananthapuram, Pathanamthitta and Kozhikode
Executive Engineer (Agri.), Alappuzha and Kozhikode
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PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub:- Annual Plan 2009-10 – scheme on ‘**Development of Vegetables**’ -
Implementation - Administrative sanction - orders issued.
Ref: - GO(MS) No.100/08/AD dated:20.06.08 of Department of
Agriculture.

ORDER No. TP (2) 15055/09 dated:22-04-2009.

In the current years budget (2009-10), there is a provision of **Rs.125.00 lakhs** under the scheme "*Development of Vegetables*" in the **head of account 2401-00-119-85 plan** for the implementation of the programme 1000 organic Vegetable Villages. This is a continuing scheme. The important activities of the programme consists of implementation of organic Vegetable Villages with an assistance of Rs.10000/ha, distribution of Vegetable seed kits to farmers through Krishi Bhavans, Promotion of vegetable cultivation in educational and other institutions etc.

The following components will be implemented under the scheme during current year 2009-10.

(a) Vegetable promotion through organic vegetable villages

Under this component vegetable cultivation will be promoted on large scale by organizing organic Vegetable villages through out the State. A vegetable village will be formed by organizing 25-50 vegetable farmers with minimum cultivable area of 5 ha. The cultivation can be taken up in leased land also for this purpose. In each Krishi Bhavan, the Agricultural Officer has to organize vegetable villages in consultation with the Agriculture Development Committee of the concerned Krishi Bhavan.

An assistance at the rate of Rs: 10000/ha will be provided for each vegetable village which can be used for the purchase of vegetable seed, organic manure, organic pesticides, construction of Pandals, providing irrigation facilities and marketing etc.

The guidelines as detailed in the last years programme can be followed for vegetable cultivation by organizing vegetable villages.

An amount of **Rs.100.00 lakhs** is set apart for the implementation of the component.

(b)Distribution of vegetable seed kits

Small-scale vegetable cultivation in homesteads will be promoted by distribution of vegetable seed kits through Krishi Bhavans. Vegetable kits containing seeds costing Rs.10/- will be distributed at free of cost to farmers.

1.5 lakh seed kits will be distributed under this programme. An amount of **Rs.15.00 lakhs** is set apart for this purpose.

(c)Promotion of vegetable cultivation in educational and other institutions

Vegetable cultivation will be promoted in educational and other institutions having enough land and irrigation facilities. The selected institutions will be provided with vegetable seed kits costing Rs.250/- at free of cost.

During this year 400 such institutions will be selected and 400 vegetable seed kits will be distributed.

Fund to the tune **Rs.1.00 lakh** is set apart for this purpose.

(d) Establishment of model garden of vegetables in Krishi Bhavan

As a part of promotion of vegetable cultivation and giving awareness among the farming community it is proposed to establish a model garden of vegetables in each Krishi Bhavans. The model garden will be established in a minimum area of 5 cents. The programme will be implemented under the sponsorship of Krishi Bhavan. The Departmental assistance will be limited to the cost of seeds worth Rs.100/per Krishi Bhavan.

The total financial commitment for the purpose will be **Rs.1.00 lakhs**.

(e) Publicity and Executional Infrastructure

Vide publicity is necessary for the successful implementation of the programme. Seminars, discussion classes etc will be conducted. Publicity will be provided through various media like AIR, TV, Newspaper and also through posters, banners etc.

An amount of **Rs.5.00 lakhs** is set apart for publicity and other expenditure connected with the programme implementation.

(f) Awards for farmers

During last year awards are declared for the best vegetable villages at State level and district levels, best women vegetable group and best vegetable garden at educational institutions. The awards have to be distributed during current year. For this purpose an amount of **Rs.3.00 lakhs** is set apart.

Hence Administrative sanction is accorded for the implementation of the *"1000 Organic Vegetable Village programme"* for a total amount of **Rs.125.00 lakhs**. The expenditure will be met from the *Head of Account 2401-00-119-85 plan "Development of Vegetables"*.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

Copy to:

CA to Director of Agriculture

CA to all Additional Directors of Agriculture

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All JDAs at Head Quarters

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PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub:- Annual Plan 2009-10 – Scheme on ‘**Contingency Programme to meet Natural Calamities**’ – Administrative Sanction accorded for implementation – Orders issued reg.

Ref:- 1) G.O.(Rt.) No. 943/2007/AD Dated: Thiruvananthapuram, 05-06-2007 of Agriculture Department.
2) Order No. TP (2) 18188/08 dated: 22-04-2008 of Director of Agriculture.

ORDER NO. TP (2) 15068/09 dated: 22-04-2009

In the current year’s budget of 2009-10, there is a provision of **Rs.20.00 lakhs** for implementation of the scheme ‘Contingency Programme to meet Natural Calamities’ under the **head of account 2401-00-800-91 plan**. This is a continuing scheme.

The scheme is intended for creating a buffer stock of seeds of paddy and other annual crops for distribution to affected farmers in the event of natural calamities and resultant crop damage.

Following component will be implemented under the scheme:

Creation of buffer stock of short duration varieties of seeds

The main objective of the scheme is to keep a buffer stock of seeds of short duration varieties of paddy, pulses and vegetables in order to provide immediate relief to farmers at times of natural disasters. Utilising the scheme fund, seeds of short duration varieties of crops will be purchased and buffer stock created. Small and marginal farmers who suffer total crop loss will be eligible for assistance under the scheme. Seeds will be supplied to the farmers free of cost. The left over quantity of seeds/planting material at the end of the year will be sold to the farmers at the prevailing market rates by the concerned district officers/Seed Authority. An amount of **Rs.20.00 lakhs** is earmarked for this component.

Hence administrative sanction is accorded for implementation of the scheme “*Contingency Programme to Meet Natural Calamities*”, for a total amount of **Rs.20.00 lakhs** [Rupees Twenty Lakhs Only]. The expenditure will be met from the budget provision of **Rs.20.00 lakhs** under the *head of account 2401-00-800-91 plan* from the current year’s budget as detailed below:

2401-00-800-91 plan (OC) - Rs. 20.00 lakhs

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officer

Copy to

CA to Director of Agriculture

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All JDAs at HQ/SFO

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**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
VIKAS BHAVAN, THIRUVANANTHAPURAM**

Sub: - Annual plan - 2009-10 - Scheme on Application of Information
Technology - Administrative sanction accorded for implementation
- Orders issued - Reg.

Ref: - GO (Rt.) No. 341/09/AD dated: 02-03-2009 Agri. (PB) Department

ORDER NO. TP (2) 15063/09 DATED: 04-05-2009

During the current financial year (2009-10), there is a budget provision of **Rs.15.00 lakhs** [Rupees Fifteen lakhs Only] under the **Head of Account :2401-00-800-41 plan** for implementing the captioned scheme "**Application of Information Technology - 2009-10**". This is a continuing scheme.

During 2008-09 internet connectivity has been provided at block level through office of the Assistant Director of Agriculture using internet service providers. Connectivity as such is available at District level offices, the PAO offices through out the state. During the current financial year 2009-10 the following components will be implemented under the captioned scheme utilizing the provisions under the scheme, as detailed below:

a. Recurring expenditure for already installed connectivity

Out of the total budget provision of **Rs.15.00 lakhs** set apart for the scheme an amount of Rs.6.0405 lakhs is earmarked for meeting the recurring expenditure due to BSNL on account of providing internet connectivity for the current year.

b. Development and application of software

An amount of **Rs.2.00 lakhs** is set apart for the development of appropriate software and its application for providing internet connectivity.

c. Purchase of new computer and accessories

An amount of **Rs.6.9595 lakhs** is set apart to wards purchasing of new computers for extending connectivity to the essential stations, need based and also for making the cost for accessories.

The total amount required for the above purpose will be as follows:

1	Meeting the recurring expenditure for already installed connectivity	Rs.6.0405 lakhs
2	Development of software	Rs.2.00 lakhs
3	Purchase of new computers.	Rs.6.9595 lakh
Total		Rs.15.00 lakhs

Hence Administrative sanction is accorded for implementation of the captioned scheme " **Application of Information Technology 2009-10**" for the total amount of **Rs.15.00 lakhs** [Rupees Fifteen Lakhs Only]. The expenditure in this regard will be met from the budget provision of Rs.15.00 lakhs provided under the **Head of Account :2401-00-800-41 plan** of current year.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

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PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub:- Annual Plan 2009-'10– Scheme on “**HUMAN RESOURCES DEVELOPMENT - Training Support to field functionaries of Department and Panchayat**” – Administrative Sanction accorded for implementation – Orders issued.

Ref: - G.O. (Rt.) No. 965/2007/AD dated: 08.06.2007.

Order No. TP (2)15065/09 dated: 15-04-2009.

In the current year's budget of 2009-'10, there is a provision of **Rs.20.00 lakhs** for implementation of the scheme “Human Resources Development” under the head of account: 2415-01-277-98 Plan. This is a continuing scheme.

The objective of the scheme is to create awareness and technology improvement of the technocrats of department on the traditional/latest technologies in the field of agricultural sector and to equip the officers to identify and tackle location specific problems and to plan and execute viable programme by giving Management Training in areas like Financial

Management, project Management and Knowledge Management. Under financial management the areas proposed to be covered include agricultural finance, cost control and cost reduction, profit planning, working capital management, risk management etc. Under project management, the important areas proposed to be covered include project identification and formulation, conduct of feasibility studies, project appraisal, project organization and management, project planning and scheduling and project evaluation. Knowledge management involves putting information and peoples' competence together for productive results.

The scheme is to upgrade technical and managerial competency of the technical officers of the department by deputing the officers to short term and long term courses including post graduate courses in eminent institutions of the country like EEI, IRMA, MANAGE, IARI and other institutions. It is also necessary to depute the senior officers to attend work shops, seminars and conferences at National level.

So it is proposed to depute technical officers of the Department to short term and long term courses including post graduation courses in institutions such as Kerala Agricultural University, IIHR Bangalore, MANAGE – Hyderabad, IRMA – Anand and other national institutions. The course fees, demanded by these institutions will be paid from the

provision of the scheme. The provision is also earmarked to depute the senior officers to attend workshop, seminars and conferences at National Level. The Budget provision of **Rs.20.00 lakhs** provided under the H/A : 2415-01-277-98 plan is earmarked for the implementation of this component.

Hence administrative sanction is accorded for the implementation of the scheme, "**Human Resources Development**", for a total amount of **Rs. 20.00 lakhs** [Rupees Twenty lakhs only]. The expenditure will be met from the budget provision of **Rs. 20.00 lakhs** under the head of account: 2415-01-277-98 Plan from the current years' budget which is classified as given below: -

2415-01-277-98 Plan-

OC	-	Rs. 8.00 lakhs
TA	-	Rs. 12.00 lakhs

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

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PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM

Sub: - Annual Plan 2009-'10 – Scheme on “**Grading and Quality of Agricultural Commodities**” – Administrative Sanction accorded for implementation – Orders issued.

Ref: - G.O.(Rt.) No. 951/2007/AD Dated: TVM, 05-06-2007

ORDER NO. TP (2) 15073/09 dated: 27 -04-2009.

In the current year's budget of 2009-'10, there is a provision of **Rs.10.00 lakhs** for implementation of the scheme “Grading and Quality of Agricultural Commodities” under the head of account: **2435-01-102-99 Plan**. This is a continuing scheme.

Grading of Agricultural produce and Quality Control of processed food is of utmost importance in the present day marketing strategies. Grading of agricultural produce will result in getting a premium price for the farmers and the consumers will have the assurance of getting quality and safe agricultural products which contain no harmful chemical residues. The main objectives of the scheme are: -

- a. Assessing quality of the farm produce marketed

- b. Fixing grades of commodities based on testing in the laboratory
- c. Guarantee movement of quality commodity from producer to consumer
- d. Facilitating export and
- e. Creating awareness among public regarding Agmark Certification.

Under the scheme the following components will be implemented:-

1. Strengthening of State Agmark Grading Laboratories

Agmark Grading Laboratories are functioning in all the 14 districts of Kerala. The Agmark laboratories require annual purchase of chemicals, glasswares, repair of equipments, purchase of new equipments, replacement of existing equipments etc connected with the analysis of samples. An amount of **Rs.4.97 lakhs** is earmarked which will be utilised for strengthening of all these laboratories.

2. Training to officers/farmers

The Agricultural Officers and farmers at Krishi Bhavan level will be trained on beneficial aspects of grading and quality control of agricultural produces.

a. Training to officers

25 Agricultural Officers/Agricultural Assistants of the district will be given training/ awareness on analysis and grading of Agricultural produces. 14 such trainings will be conducted during this financial year.

b. Training to farmers

25 farmers of district will be given training on grading of agricultural produce and eco-friendly agricultural production methods. Total of 14 such trainings will be conducted.

An amount of **Rs.1.33 lakhs** is earmarked for implementing the above training programme.

3. Organization of Exhibition, Melas and Seminars

As a part of the District level seminars/state level launching of schemes/input meets/Agro clinics etc. an exhibition can be arranged @ one per district by incurring an expenditure of Rs. 5000/- stall. The exhibition must high light the objectives of Agmark certification, exhibit the Agmark labeled products and describe the process of grading and analysis through charts, pictures, pamphlets etc to create awareness among the general public to purchase only Agmark products and help them to distinguish between spurious products kept for sale. An outlay of **Rs. 0.70 lakhs** is earmarked for this component.

4. Executional Infrastructure

The officials involved in the implementation of marketing schemes have to carry out tour programmes in connection with the collection of samples, to attend and also to conduct training programmes etc. An amount of **Rs.3.00 lakhs** provided under the sub head “TE” for meeting the travelling expenses of these officials.

Budget outlay:

The abstract of expenditure is furnished below:

1. Strengthening of Agmark Labs	Rs. 4.97 lakhs
2. Training of officers/farmers	Rs. 1.33 lakhs

- | | |
|------------------------------------|----------------|
| 3. Organization of Exhibition/Mela | Rs. 0.70 lakhs |
| 4. Executional infrastructure | Rs.3.00 lakhs |

Hence administrative sanction is accorded for implementation of the above components of the scheme, “Grading and Quality of agricultural commodities”, for a total amount of **Rs. 10.00 lakhs [Rupees ten lakhs only]**. The expenditure will be met from the budget provision of Rs. 10.00 lakhs under the head of account: **2435-01-102-99 Plan** from the current year budget as detailed below: -

2435-01-102-99 Plan-	OC -	Rs. 7.00 lakhs
	TE -	Rs. 3.00 lakhs

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

To

All Principal Agricultural Officers

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PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM.

Sub :- Coconut Development Board Scheme - Integrated farming in coconut holdings for productivity improvements - 2009-10 - Administrative Sanction issued - Reg.

Read:- 1. GO (Rt.) No. 355/08/AD dated: 27-02-2008
2. CDB Lr. F. No. 223/2009 - Dev./Ker. dated: 23-04-2009.
3. GO (P) No. 351/2008/Fin dated: 06-08-2008.

ORDER NO. TP (1) 15273/09 Dated : 05.06.2009

As per reference 2nd cited above the Coconut Development Board has sanctioned an amount of **Rs.175.00 lakhs** to the State for laying out demonstration plots in 1000 ha during 2009-10 under the integrated farming in coconut holdings for productivity improvement.

Vide Reference (3) cited Government of Kerala have informed that in case of continuing C.S.S scheme with state share which are guided by administrative approvals issued by Government of India a one time Administrative Sanction already issued would be enough for the entire scheme period. Administrative Sanction for the scheme during 2007-08 has already been accorded by Government of Kerala as per reference (1) cited above.

Department propose to implement the programme i.e. laying out demonstration plots in 1000 ha in Idukki, Kottayam and Pathanamthitta districts during the current year 2009-10 limiting the expenditure to the amount released by the Coconut Development Board. With an objective to transfer the available technologies on the management of disease-

affected areas and to share the farmers' experience on management so as to further refine the management practices in disease, demonstration plots will be laid out in 1000 ha. As per the scheme an amount @ Rs.17,500/- per ha will be given to the demonstration plots of 1000 ha during 2009-'10. An amount of **Rs.175.00 lakhs** will be utilised for laying out demonstration plots in 1000 ha.

Under the above circumstances administrative sanction is hereby accorded to utilize an amount of **Rs.175.00 lakhs** to meet the expenditure on laying out demonstration plots in 1000 ha under the scheme *“Integrated farming in coconut holdings for productivity improvements”* during 2009-10.

During the current year (2009-10) the budget provision available under head of account 2401-00-108-54 plan is **Rs.400.00 lakhs**. The amount required for the implementation of the above programme i.e. **Rs.175.00 lakhs** will be met from the fund available under the Head of Account : 2401-00-108-54 plan.

Sd/-
Director of Agriculture

Deputy Director of Agriculture(Planning)

Copy to:-

1. TB section/Fin.
2. File
3. Stock file.

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM.

Sub :- 50% CSS – Coconut Development Board Scheme Production and Distribution of T X D Seedlings - Implementation during 2009-10 – Administrative Sanction issued - Reg.

Read:- 1. CDB Lr. F. No.223/09-Dev. Dated: 23-04-2009.
2. GO (P) No. 351/2008/Fin dated: 06-08-2008.
3. GO (Rt.) No. 1163/07/AD dated: 29-06-2007

ORDER NO. TP (1) 15273/09 Dated :20-05-09.

As per reference (1) cited Coconut Development Board have sanctioned an amount of **Rs.37.50 lakhs** for the implementation of the scheme “Production and distribution of hybrid Seedlings during 2009-10”. The board share is **Rs.18.75 lakhs**. The department proposes to implement the programme during 2009-10 as follows.

(Rs. in lakhs)

Sl. No.	Components	Physical Nos.	Board's Share	State Share	Total Amount
1.	“Production and distribution of T x D Hybrids and other released varieties”	1,50,000 seedlings	18.75	18.75	37.50
	TOTAL		18.75	18.75	37.50

It is proposed to produce and distribute 1,50,000 nos. of TxD, DxT and other hybrid varieties of coconut seedlings. The seednuts will be procured from Kannur, Malappuram, Thrissur and Kasaragod district and will be produced in the Departmental Farms. Seednuts will also be procured from Seed Garden Complex, Munderi, Malappuram using the

mother palms available. The amount will be utilised for meeting the cost of seed-nuts, transportation charges and other contingencies. The nuts so collected will be sown in the Departmental nurseries and seedlings will be produced. 50% of the sale proceeds of seedlings produced under the scheme should be given to the CDB.

The Agricultural Officers and Agricultural Assistants in charge of the programme will be responsible for selection of mother gardens and mother palms. They will supervise all activities connected with pollination, selection and procurement of nuts, transportation etc. The details of male and female parent sources should be clearly indicated. The Assistant Director of Agriculture, Deputy Director of Agriculture (H) and Principal Agricultural Officer of the respective districts shall frequently visit the plots and inspect activities at various stages from selection of mother garden to sowing in the nurseries. For this purpose, the Coconut Development Board has sanctioned an amount of **Rs.37.50 lakhs** with a Board's share of **Rs. 18.75 lakhs**.

Vide Reference (2) cited Government of Kerala have informed that in case of continuing C.S.S scheme with state share which are guided by administrative approvals issued by Government of India a one time Administrative Sanction already issued would be enough for the entire scheme period. Administrative Sanction for the scheme during 2007-08 has already been accorded by Government of Kerala as per reference 3rd cited above.

Hence administrative sanction is hereby accorded to utilize an amount of **Rs.37.50 lakhs** with Coconut Development Board share of **Rs. 18.75 lakhs** and state share of **Rs.18.75 lakhs** to implement the scheme **“Production and distribution of Hybrid seedlings 2009-10”**.

During the current year (2009-10) the budget provision available under head of account 2401-00-108-96 plan (50% CSS) is **Rs. 20.00 lakhs** for production of TXD Seedlings. The amount required for the implementation of the above programme will be met from funds available under the head of account 2401-00-108-96 plan and the additional amount required will be met through Supplementary Demand Grant/Re-appropriation of funds from other schemes.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

Copy to:-

1. Addl. DA (Biogas & Farms)
2. TH section/Fin.
3. File for TXD scheme
4. Stock file.

PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM.

Sub :- 50% CSS – Establishment of Regional Coconut Nurseries for Implementation during 2009-10 – Administrative Sanction issued – Reg.

Read:- 1. CDB Lr. F. No.223/09-Dev. Dated: 23-04-2009.
2. GO (P) No. 351/2008/Fin dated: 06-08-2008.
3. GO (Rt.) No. 1163/07/AD dated: 29-06-2007

ORDER NO. TP (1) 15273/09 Dated : 20-05-2009

As per reference (1) cited Coconut Development Board have sanctioned an amount of **Rs.65.00 lakhs** for the implementation of the scheme “**Establishment of Regional Coconut Nurseries**” during **2009-10**". The board share is **Rs.32.50 lakhs**. The department proposes to implement the programme during 2009-10 as follows.

(Rs. in lakhs)

Sl. No.	Components	Physical Nos.	Board's Share	State Share	Total Amount
1.	“Establishment of Regional Coconut Nurseries”	2,50,000 seedlings	32.50	32.50	65.00
	TOTAL		32.50	32.50	65.00

The objective of the scheme is for supplementing the Coconut nursery programme of the state Government. The Department will procure quality seed nuts and raise nursery with the existing available

infrastructure facility. 2,50,000 coconut seedlings will be produced in the Departmental nurseries. The staff component and infrastructure facility available in the existing Departmental nursery will be utilised for the purpose.

The Agricultural Officers and Agricultural Assistants in charge of the programme will be responsible for selection of mother palms. They will supervise all activities connected with selection and procurement of nuts, transportation etc. The details of sources should be clearly indicated. The Assistant Director of Agriculture, Deputy Director of Agriculture (H) and Principal Agricultural Officer of the respective districts shall frequently visit the plots and inspect activities at various stages from selection of palms to sowing in the nurseries. Coconut Development Board has sanctioned an amount of **Rs.65.00 lakhs** with a Board's share of **Rs. 32.50 lakhs**.

Vide Reference (2) cited Government of Kerala have informed that in case of continuing C.S.S scheme with state share which are guided by administrative approvals issued by Government of India a one time Administrative Sanction already issued would be enough for the entire scheme period. Administrative Sanction for the scheme during 2007-08 has already been accorded by Government of Kerala as per reference 3rd cited above.

Hence administrative sanction is hereby accorded to utilize an amount of **Rs.65.00 lakhs** with Coconut Development Board share of **Rs.32.50 lakhs** and state share of **Rs.32.50 lakhs** to implement the scheme “**Establishment of Regional Coconut Nurseries 2009-10**”.

During the current year (2009-10) the budget provision available under head of account 2401-00-108-42 plan 50% CSS is **Rs.25.00 lakhs** for Establishment of Regional Coconut Nurseries. The amount required for the implementation of the above programme will be met from funds available under the head of account for 2401-00-108-42 plan and the additional amount required will be met through Supplementary Demand Grant/Re-appropriation of funds from other schemes.

Sd/-
Director of

Agriculture

Deputy Director of Agriculture (Plg.)

Copy to:-

1. Addl. DA (Biogas & Farms)
2. TH section/Fin.
3. Stock file.

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM.**

Sub :- 100% CSS – National Biogas and Manure Management Programme

NBMMP -2009-10 Administrative sanction issued - Reg.

- Read:-
1. GOI Ir. No 5/1/2009-BE dated: 14-05-09
 2. GOI Ir. No 5-5/2009-BE dated: 19-05-09
 3. GO (P) No. 351/2008/Fin dated: 06-08-2008.
 4. GO (Rt.) No.2039/07/AD dated: 12-11-2007.

ORDER NO. TP (1) 15045/09 DATED : 15-07-2009

Government of India, as per reference 1 and 2 cited above, have conveyed sanction for implementing centrally sponsored scheme National Biogas and manure management programme during 2009-10 with a target of 3000 nos of family type biogas plants.

Vide Reference (3) cited it has been ordered that in case of continuing C.S.S scheme with state share which are guided by administrative approvals issued by Government of India a one time Administrative Sanction already issued would be enough for the entire scheme period. Administrative Sanction for the scheme during 2007-08 has already been accorded by Government of Kerala as per reference 4th cited above.

The following activities will be undertaken under National Biogas and Manure Management Programme (NBMMP) for an amount of Rs.135.59 lakhs during 2009-10 as per the GOI sanction.

1. Setting up of biogas plants
2. Turnkey Job fee
3. Service charges and staff support

4. Users course
5. Refresher training course

1. Setting up of Biogas Plant

It is proposed to set up 3000 nos. of biogas plants during 2009-'10.

The rates of subsidy for the setting up of Biogas Plants will be as follows: -

Category	Amount of Subsidy Per Plant
SC/ST, small and marginal farmers, desert districts, landless labours and other notified hilly areas	Rs. 3500/- for 2 – 10m³ (restricted to Rs 2800/-for 1m ³ fixed dome type)
All others	Rs. 2700/- for 2 – 10m³ (restricted to Rs 2100/- for 1m ³ fixed dome type)

Appropriate model will be selected on the basis of technical requirements such as location, distance between kitchen and cattle shed, availability of dung and water and preferences of the beneficiaries etc. Usually in Kerala, Dheenabandhu Model of biogas plants are set up as per the Indian Standards for family size biogas plant with a capacity of 1-10 m³. An amount of **Rs.105.00 lakhs** will be utilised as subsidy for setting up 3000 family type biogas plants under this component.

2. Turnkey job fee

Turnkey job fee @ **Rs. 700/-** per biogas plant actually set up as turnkey basis with three years warranty for trouble free functioning will be payable to corporate bodies, recognised registered societies, voluntary

organisation and approved trained entrepreneurs etc. An amount of **Rs. 21.00 lakhs** will be utilised as turnkey job fee for setting up 3000 biogas plants.

3. Service charges and staff support

As per the Government of India specifications the amount admissible under service charges and staff support is **Rs.8.90 lakhs**.

4. Conduct of Training Courses

a. Conduct of Users Training Course

The target proposed for conduct of one-day users training course during 2009-'10 is **50 nos**. The assistance provided will be Rs. 1,000/- per training as detailed below: -

Tea / snack.....	Rs. 300.00
POL.....	Rs. 250.00
Honorarium @ Rs. 100 / lecture.....	Rs. 200.00
Contingency [Shamiana, audio-visual aids, chairs, banners, miscellaneous items]....	Rs. 250.00
Total	<u>Rs. 1,000.00</u>

All aspects of biogas plant will be covered in this training programme. Effort will also be made for involving Panchayats in the implementation of this programme. The total financial commitment for this component therefore comes to **Rs. 0.50 lakhs**. The number of participants for each training will be limited to 50 to 60.

b. Refresher training cost

The training is intended to the professional masons having experience of working independently on civil construction and knowledge to understand the construction and fabrication methodology, design specification etc. they will be selected for

imparting the training programme. The target proposed for this component is 1 nos. during 2009-'10. The assistance is @ Rs. 19,000/- per course with a financial commitment of **Rs. 0.19 lakhs**. The training is of 16 days duration. The details of items included in the training course are given below: -

Sl. No.	Items	Estimated Cost
a.	Stipend up to a maximum of Rs. 100 / trainee/day for 10 trainees for a maximum period of 16 days (pro-rata basis) to meet boarding and lodging expenditure	Rs.16,000/-
b.	To and fro transport charges to 10 trainees as per actual but not exceeding Rs. 100/- per trainee on pro-rata basis	Rs.1,000/-
c.	Contingency support for transportation of faculty POL, stationery, books, honorarium to guest speakers etc.	Rs. 2,000/-
Total		Rs. 19,000/-

5. Financial Commitment

The total financial commitment for the scheme works out to **Rs. 135.59 lakhs** for the following components: -

(Rs. In lakhs)

1	Setting up of biogas plan	105.00
2	Turnkey job fee	21.00
3	Service charges and staff support	8.90
4	Users course	0.50
5	Refresher training course	0.19
Total		135.59

Administrative sanction is hereby accorded to implement the programme during 2009-10 as mentioned above.

The expenditure for the purpose will be met from the Head of Account 2810-01-101-99 plan (100% css) where there is a budget provision of **Rs.120.00 lakhs**. The additional amount of Rs.15.59 lakhs will be found out through re-appropriation/SDG.

Sd/-

Director of Agriculture

Deputy Director of Agriculture (Plg.)

Copy to:-

1. Additional Director of Agriculture (Biogas & Farms)
2. TJ section/Fin.
3. Stock file.

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE,
THIRUVANANTHAPURAM.**

Sub :- Macro management in Agriculture – 2009-10 – administrative sanction issued

– Reg

Read:- 1. GOI letter No. 6-1/2009 MM dated: 26-06-2009
2. GO (P) No. 351/2008/Fin dated: 06-08-2008.
3. GO (Rt.) No. 2099/08/AD dated: 05-11-2008.

ORDER NO. TP (1) 13549/09 Dated : 30-07-2009.

As per GOI Lr. No. 6-1/2009 MM dated: 26th June 2009 an amount of Rs.1416.67 lakhs (Rs. 1275.003 lakhs central share + Rs. 141.667 lakhs as state share) has been sanctioned to Kerala for the implementation of macromanagement programme during 2009-10. Of which the following components will be implemented by the Department of Agriculture for an amount of Rs.1222.50 lakhs (**Rs. 1100.2 lakhs as central share + Rs. 122.25 lakhs state share**).

Sl. No.	Programme	Central Share	State Share	Total
1	Rice Development (including new initiatives)	717.71	79.75	797.45
2	Agricultural mechanization	90.00	10.00	100.00
3	National Watershed Development Programme [NWDPR]	292.50	32.50	325.00
GRAND TOTAL		1100.20	122.25	1222.50

As instructed in the GOI letter No. 6-1/2009 MM dated: 26-06-2009 the savings of Rs.5.03 lakhs has been included under new initiatives under the component rice development as the expenditure on implementation of new initiatives can be up to 20% of the total allocation earmarked for the state under revised MMA scheme.

The scheme for MMA for 2009-10 will be implemented based on the revised guidelines issued by GOI. Since NFS scheme is being implemented in the Palakkad district, the area under Palakkad has been excluded under rice development programmes.

Under the Revised MMA scheme, at least 33% of the allocation will be made for small, marginal and women farmers. The allocation to SC/ST farmers will be made proportionate to their population.

Vide Reference (2) cited Government of Kerala have informed that in case of continuing C.S.S scheme with state share which are guided by administrative approvals issued by Government of India a one time Administrative Sanction already issued would be enough for the entire scheme period. Administrative Sanction for the scheme during 2007-08 has already been accorded by Government of Kerala as per reference 3rd cited above.

Hence administrative sanction is hereby accorded to utilize an amount of Rs.1222.50 lakhs (Rs. 1100.2 lakhs as central share + Rs. 122.25 lakhs state share) for the following schemes under macro management programme during 2009-10.

1. Rice Development Programme

The total amount proposed under the Rice Development Programme is Rs.797.45 lakhs. The expenditure can be met from the funds available under the Head of Account 2401-00-800-61[01] plan. The budget provision under the head of account is Rs.1000.00 lakhs. The components are :

Sl. No.	Components	Description/ Assumptions	Pattern of Assistance	Unit	Amount sanctioned	
					Phy.	Fin.
1	Demonstration of improved package of practices	Assistance for improved seed, balanced fertilizer, plant protection, weedi cide One demonstration of 0.4 ha at every 100 ha area of rice.	Rs. 2,500 per demonstration of 0.4 ha (per Assistance limited Rs. 2,500/-per acre for single crop)	Acre	1300	32.5
2	Demonstration on System of Rice Intensification	Assistance for improved seed, balanced fertilizer, plant protection, weedi cide. One demonstration of 0.4 ha at every 100 ha area of rice.	Rs. 3,000 per demonstration of 0.4 ha	ha	520	39
3	Assistance for distribution of HYVs Seed	Desired SRR 33%Seed required @ 80kg/ha seed rate	Assistance @ Rs. 5 per kg or 50% of the cost, whichever is less	MT	3460	173
4	Seed Mini kits of high yielding varieties	One seed kit of 5 kg at every 50 ha area of rice.	Full cost of the seed	nos	2500	2.5
5	Incentive for micro nutrients (in deficient soils)	Target area about 30% of the deficient area.	Assistance @ Rs. 500 per ha or 50% of the cost, whichever is less	ha	30000	150
6	Incentive for liming in acid soils	Target area about 30% of the acid affected soils.	Assistance @ Rs. 500 per ha or 50% of the cost, whichever is less	ha	30000	150

7	Assistance for plant protection chemicals and bio-pesticides	About 10% of the targeted area of rice	Assistance @ Rs. 500 per ha or 50% of the cost, whichever is less	ha	10000	50
8	Training of farmers at FFS pattern	One FFS at every 1,000 ha (2-3 villages)	Assistance @ Rs. 17,000 per training	nos	125	21.25
9	Contingency					14.17
10	New initiatives					165.03
	Total					797.45

2. Farm Mechanization

The total amount required for the implementation of this programme is **Rs.100.00 lakhs**. There is a budget provision of Rs.100.00 lakhs under the Head of Account 2401-00-800-61 [12] plan. The expenditure can be met from the funds available under the above Head of Account. The components are :

Sl. No.	Name of equipment/machine	Pattern of Assistance	Physical (nos.)	Financial (Rs. Lakhs)
1	Tractor	@25% of the cost limited to Rs.45,000/- Tractors upto 40 HP	4	1.80
2	Power	Tiller (i) @40% of the cost limited to Rs.45,000/- Power tiller 8 BHP & above:	40	18.00
3	Self propelled Reaper, paddy transplanter and other similar self propelled machines	@25% of the cost limited to Rs.40,000/-	10	4.00

4	Specialized power driven equipment	(i) @25% of the cost limited to Rs 15,000/- Specialized power driven equipment like potato planter, potato digger, groundnut digger, strip till drill, tractor drawn reaper, cleaner-cumgrader, dryer, stubble shaver, mobile fruit harvester, power weeder, mini rice mill, dal mill, cultipacker, onion harvester with de-topping attachment, carrot harvester, motorized banana fibre making machine.	142	21.30
5	Manually operated implements/tools	@25% of the cost limited to Rs.2,000/-	200	4
6	Power driven equipment(Tractor/ power tiller operated) Intended inclusion of all tractor & power tiller driven conventional equipment/ implements.	(i) @ 25% of the cost, limited to Rs.10,000/- for essential tractor driven implements viz. MB/Disc plough, harrow, cultivator, seed-cum-fertilizer drill.	2	0.20
7	Power Threshers (All types)	25% of the cost, limited to Rs. 12,000	5	0.60
8	Diesel/Electric pump sets	@ 50% of the cost, limited to Rs.10,000/- Diesel/electric pump sets upto 7.5 BHP/5kW	400	40.00
9	Plant Protection Equipment	@25% of the cost, limited to Rs.800/-		

	(i) Manual	@25% of the cost, limited to Rs.2,000/-	200	1.60
	(ii) Power operated	@25% of the cost, limited to Rs.4,000/-	50	1.00
10	Combine Harvesters, (Apart from the main farm equipment mentioned above, the financial assistance would be considered for combine harvesters owned by Group of farmers Registered Cooperative Societies, Agricultural Credit Societies, Multi-Purpose Agricultural Farming Societies, Self Help Groups (SHGs), provided such groups are not part of any NGO. The combine harvester should have been recommended by Department of Agriculture & Cooperation under institutional financing.	@ 25% of the cost limited to Rs 1.50 lakh, whichever is less. (Keeping in view the fact that most of the combine harvesters (having 12-14 feet cutter bar) being used by the farmers are in the price range of Rs 7 lakh to Rs 9 lakh per unit)	5	7.50
		Total		100.00

3. National Watershed Development Programme [NWDPPRA]

An amount of **Rs.325.00 lakhs** will be expended under the Head of Account 2401-00-800-61 [13] Plan. The budget provision available under the head is Rs.700.00 lakhs. The components are :

Sl. No.	Item of Work	% of project cost	Total financial requirement for 3 rd year Action Plan (in lakhs)	Amount required for I phase of 3 rd year Action Plan (in lakhs)
I.	Management Component			
1	Administrative cost	2	202.596	25.19
2	Training programme	0.8	81.0384	10.08
	Sub Total	2.8	283.6344	35.27
II.	Development Component			
1	Natural Resource management	15	1519.47	188.95

2	Farm Production System for land owing families	6	607.788	75.58
3	Livelihood support system for landless families	2	202.596	25.19
	Sub Total	23	2329.854	289.73
	Grand Total	25.8	2613.4884	325.00

The Director of Agriculture will be the State Level officer in charge of monitoring and supervision of the programme. The Principal Agricultural Officer will responsible for co-ordination monitoring and supervision at district level.

Sd/-
Director of Agriculture

Deputy Director of Agriculture (Plg.)

Copy to:-

1. Addl. DA (CP)
2. Addl. DA (Soil Conservation)
3. TA section/Fin.
4. TF section. Stock file.
5. Account Section