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96047/2016

Abstract

Agriculture - Budget Announcement 2016-17 - "Mission on Sustainable Dry Land Agriculture" in Tamil Nadu at a total cost of Rs.802.90 crores during the period from 2016-17 to 2019-20 - Administrative Orders and Financial Sanction for 2016-17 -- Issued.

Agriculture (DPAP) Department

G.O. (Ms.) No.14

Dated 27.01.2017

திருவள்ளூர் ஆண்டு 2048, தை 14

Read :

1. From the Director of Agriculture Letter No. RFS2/96407/2016, dated 29.09.2016.
2. From the Chief General Manager, NABARD Lt.No. D.O.NB.TN. SPD/ 360/RID-3/2016-17, dated 3.11.2016.

ORDER :

In the Budget Speech 2016-17, the following announcement was made in the Tamil Nadu Legislative Assembly.

"As promised in the Election Manifesto, a new scheme will be launched for Dry Land farming, focusing on improving the production and productivity of millets, pulses and oilseeds. Water conservation measures will be taken up as an integral part of this scheme. Mixed farming will be promoted in dry land areas by supporting mini-dairy and poultry units to supplement farm income".

2. Based on the above announcement, the Director of Agriculture in his letter first read above, has sent a proposal for development of dryland in cluster mode. In his proposal, it is stated that Dryland Agriculture refers to cultivation of crops entirely dependent on receipt of rainfall. Large number of farmers depend on dryland agriculture for their livelihood. Hence, sustainability in dryland farming assumes more importance for the upliftment of the farming community. In Tamil Nadu, most of the Millet crops, Pulses crops and Oil seeds are raised under rainfed condition. In rainfed areas, the input usage and yield obtained will always be less compared to irrigated areas.

In order to bring maximum dryland area under cultivation in a phased manner, the Director of Agriculture has suggested a mission mode approach viz. Mission on sustainable dryland agriculture (MSDA) wherein Cluster based activities will be adopted. He has therefore sent proposals seeking Government Orders for implementation of a new scheme namely "Mission on Sustainable Dry

Land Agriculture" for the development of 1,000 dryland Clusters in Tamil Nadu at a total cost of Rs.802.90 crores during the period from 2016-17 to 2019-20.

3. The Director of Agriculture has proposed to form 1,000 dryland clusters at the State level over a period of 4 years. In the first year, 200 clusters will be formed and in the next two years, 400 Clusters will be formed in each year. Activities will be spread in these 1,000 Clusters over a 4 years period.

4. The mission mode implementation would be under the following Headings.

I. Dryland Cluster of 1000 Ha each:

Each Dryland Cluster will consist of all drylands falling in one or more contiguous Village Panchayats aggregating to an area of about 1,000 Ha. Each Cluster will function with a Nodal Primary Agricultural Cooperative Credit Society (PACCS) as the Nodal Centre. If 1,000 Ha cannot be formed within the area of a single PACCS, the area of an adjoining PACCS may also be included within the Cluster. However, the Nodal PACCS will remain the one that has the jurisdiction over the majority of the area covered.

II. Formation of Cluster Development Team (CDT):

The Cluster Development team (CDT) will be formed with the **Agricultural Officer concerned as Cluster Co-ordinator**. The Secretary of the nodal PACCS, Assistant Engineer / Junior Engineer of Agricultural Engineering Department, Deputy Agricultural Officers, Assistant Agricultural Officers of Agriculture & Agriculture Marketing department, Veterinary Assistant Surgeon (VAS) of the concerned Veterinary Dispensary (in case the area covers more than one Veterinary Dispensary, then the VAS from the Veterinary Dispensary that covers the maximum number of villages will be nominated for the Cluster Development Team), Block Technology Manager & Assistant Technology Manager of ATMA and 3 to 5 lead farmers as nominated by Assistant Director of Agriculture (ADA) will be the members of CDT.

III. A Block level team consisting of ADA as Block Coordinator, Scientist from Tamil Nadu Agricultural University (TNAU) / Krishi Vigyan Kendra (KVK), Assistant Executive Engineer of Agricultural Engineering Department, Cooperative Sub-Registrar & the senior most Veterinary Assistant Surgeon in the Block will guide and supervise the activities in the Clusters of the Block. Overall the District Collector & the Joint Director of Agriculture will supervise the activities of all Clusters in the Mission area in the district.

IV. Baseline Survey by each Cluster Development Team (CDT):-

A. Work to be undertaken by CDT:

The Cluster Development Team (CDT) will visit each Village Panchayat, peruse records, interact with farmers and also conduct a walk-through **Baseline survey** to identify the followings:-

- i. Farmer-wise drylands available in the village (In case, a farmer has both wet and drylands, the drylands alone will be taken up in the Cluster).

- ii. Present condition of Soil.
- iii. Present cropping practices followed and yield obtained.
- iv. Present availability of Animals with the dryland farmers.
- v. Present availability of Farm Machinery and Agro-Processing machinery in the villages concerned in each Cluster.
- vi. Present status of marketing of dryland agricultural produces, etc.,

The Director of Agriculture will give detailed guidelines for the conduct of Baseline Survey. A sum of **Rs.25,000 would be allocated for per cluster** which is proposed for the conduct of baseline survey, necessary documentation and preparation of Detailed Project Report. Totally, **Rs.50.00Lakhs** would be provided for this component for the first year when 200 Clusters will be formed.

V. Farmer's Clubs:-

- (i) In each Cluster, Village – Panchayat wise Farmers' Clubs called **"Maanavari Grama Vivasayigal Membattu Kuzhu"** (மாணவாரி கிராம விவசாயிகள் மேம்பாட்டுக் குழு) shall be formed at each Village Panchayat level with the following regulations:
 - a. All the dryland Farmers of the village shall be the members of this Farmers' Club.
 - b. Each Farmers' Club shall select 2 to 3 lead farmers who are actively engaged in agriculture as their representatives at village level.
 - c. The lead members concerned shall function as **President, Secretary and Treasurer** of the Farmers' Club of the Village Panchayat concerned.
 - d. The farmers club should meet once in a fortnight to discuss the progress of the activities of the mission. It shall also be decided as the followings:
 - i. Farmers / land on whose plot, the agro-based interventions are to be taken up.
 - ii. Interventions required – soil and water conservation structures / agronomic practices / training / animal husbandry interventions.
 - iii. Inputs such as seeds, equipments etc to be given to the respective fields.
- (ii) A Joint Account shall be opened at Nodal PACCS for the **"Maanavari Grama Vivasayigal Membattu Kuzhu"** of the concerned of Farmers' Club in the name of the **President and Treasurer of the farmers Club.**
- (iii) A sum of **Rs.10,000/-** will be released to each Farmers Club at village level to enable conduct of meetings, documentation and other contingencies. (Total Rs.2.00 Crore is allocated for 200 Clusters).
- (iv) The Farmers' Club meetings should be conducted in the village, community hall/ Self Help Group building/ Village Panchayat Service Centres etc., and the minutes to be recorded by the Secretary concerned. The documents of Farmers' Club should be kept in the custody of the President and perused by the Cluster Development Team (CDT) once in a month.

The Director of Agriculture will issue detailed guidelines for proper functioning and financial discipline of money released to Farmers' Clubs.

VI. Capacity Building

Training and hand holding support is proposed to the department officials and farmers for better understanding of technical information and motivate them for adoption of good agricultural practices to increase the farm income in dry land agriculture. The Plan of Action shall include the followings:

- a. Preparation of training course materials by Director of Agriculture, Agricultural Marketing, Chief Engineer (Agricultural Engineering), Animal Husbandry, Registrar of Cooperative Societies, Tamil Nadu Agricultural University (TNAU) & Tamil Nadu Veterinary and Animal Sciences University (TANUVAS).
- b. Training of District level master trainers by TNAU, TANUVAS & officers from Directorate of Agriculture.
- c. District level Training for Block level team by KVK / Research Station/ Department of Animal Husbandry and Veterinary Services.
- d. Training of 100 Farmer Trainers by Block Team within the Block.
- e. Training of all farmers in each of the Village panchayat in the Cluster by Farmer Trainers at a common place within the village. Training of District level, Block level and Village level training will be conducted.
- f. Exposure visit within the State / District & demonstrations which may be dovetailed under ATMA scheme.

The budget allocation for the capacity building, exposure and demonstrations programmed for 200 clusters during the first year would be Rs.2.0825 crores.

Sl. No	Component	Unit cost (Rs)	Total Finance (Rs in crores)	Dovetailed from
A. Training				
I. State level (3 regions)				
1.	5 master trainers / district x 25 = 125	1000	0.0125	ATMA Scheme
II. District level at JDA office				
2.	5 officers / cluster x 200 = 1000	400	0.040	ATMA Scheme
III. Cluster level for Farmers Club members				
3.	3 members/ club x10 villages x 200 clusters = 6000 members	400	0.24	ATMA Scheme
IV. Village level training				
4.	50 farmers / village: x 10 villages/ clusters x 200 clusters = 1,00,000 farmers	100	1.00	Mission Fund
Capacity Building -- Total			1.2925	

B. Exposure Visit				
1.	Interstate visit - 25 Nos	1,12,000	0.280	ATMA Scheme
2.	Within the State -- 75 Nos	40,000	0.300	ATMA Scheme
3.	Within the district – 100 Nos.	15,000	0.150	ATMA Scheme
	Exposure Visit - Total		0.730	
C. DEMONSTRATION				
1.	Pulses – 100 Nos	3,000	0.030	ATMA Scheme
2.	Millets – 50 Nos	2,000	0.010	ATMA Scheme
3.	Oilseeds – 50 Nos	4,000	0.020	ATMA Scheme
	Demonstration - Total		0.060	
	Capacity Building – Total		2.0825	

Mission Funds per Cluster : Rs.1.00 Lakh

Dovetailed Funds per Cluster : Rs.1.0825 Lakh

VII. Entry Point Activities:

To motivate and encourage farmers to involve in the Mission, entry point activities like common infrastructure relating to agriculture such as water conservation, farm ponds, percolation ponds, common equipment distribution which are finalized by the Cluster Development Team based on the inputs got from farmers clubs will be given for each cluster. **An amount of Rs.5.00 lakh /cluster will be given for asset creation at cluster level.**

For the first year, an amount of Rs.10.00Crore (Rs.5.00 lakhs x 200) will be allocated under Mission Funds.

VIII. Comprehensive Land Development Activities / Establishment of Water Harvesting Structures

The land development activities will be carried out in all the drylands in each Cluster. The actual works to be undertaken will be proposed by the Farmers' Club and endorsed by Cluster Development Team (CDT) based on the need and supercheck of CDT. Common activities on Community lands will also be undertaken based on the suggestions of the Farmers' Club and that will be undertaken by using the funds of existing schemes such as MGNREGS, NADP, etc., Need based land development activities like ploughing would be carried out in dryland Clusters. The activities proposed below will be taken up by the Agricultural Engineering Department within the time frame as per the Cluster Development Plan. Land Development activities will be included as followings:

- a) Summer ploughing in each of the dryland fields before the onset of monsoon
- b) Construction of Community ponds, percolation ponds, water harvesting structures like Check dams as per the location specific requirements and farm ponds in individual fields.

The budget allocation for the above component will be as follows:

Sl. No	Component	Unit cost per cluster	Total Finance for 200 Clusters (Rs in crores)
a.	Assistance for ploughing using Cultivators / Tillers. (using Mission funds)	Rs.0.125 Cr @ Rs.1250/- per hectare	25.00
b.	Community ponds / Percolation ponds, Water harvesting Structures, Check dams. (using dovetailed funds of existing schemes)	Rs.0.075 Cr as per site requirement	15.00
	Total	Rs.0.20 Cr	40.00

IX. Agronomic Interventions - Promotion of dry land crops through appropriate cropping system:-

Cluster Development Team (CDT) will finalize the cluster wise area for cultivation of pulses, millets, oilseeds and cotton, based on the soil, weather and preference of the farmers. After finalization of area, the following activities will be proposed by the CDT.

- i. Block Team will suggest right seeds and right technology for successful harvest of rainfed crops. **Short duration, drought tolerant variety seeds** in the identified crops should be selected for cultivation in dryland clusters. CDT will take proactive steps for making quality seeds available before the commencement of monsoon. The quality seeds will be distributed to the farmers at 50% subsidy, by dovetailing various schemes implemented by Agriculture Department.
- ii. The CDT, in co-ordination with Block Team, will ensure the adoption of **effective yield improvement technologies** recommended for dry land farming by all the farmers of dry land Clusters.
- iii. Funds will be made available at 50% subsidy for (a) Short duration drought resistant seed distribution, (b) seed hardening & seed treatment, (c) DAP foliar spray(for pulses) & (d) combined nutrient spray (for groundnut), etc., The details of other Agronomical interventions will be delineated by the Director of Agriculture based on area specific needs.
- iv. Besides extending subsidy for quality seeds and other improved technologies such as Integrated Nutrient Management (INM), Integrated Pest Management (IPM), Resource Conservation tools and Water application tools sanctioned in Centrally Sponsored schemes will also be dovetailed in the selected dry land Clusters to increase the crop productivity.

- v. A sum of **Rs.25.00 Lakhs** for per Cluster would be provided from Mission Funds for agronomic interventions. For 200 Clusters in the first year, total finance of **Rs.50.00 Crores** would be sanctioned out of which **Rs.27.00 Crores** will be out of Mission Funds and balance **Rs.23.00 Crores**, out of dovetailed funds.

X. Institutional Strengthening - Support for Value Addition for Clusters

A. Assistance to Nodal PACCS: Each Nodal Primary Agricultural Cooperative Credit Society (PACCS) would be assisted with one-time assistance of **Rs.4.00 Lakh** for purchase of required machinery, setting up micro enterprises such as **mini dhal mill, oil expellers, millet processing units** at Cluster level based on need, for processing the produce procured from farmers within the dryland cluster. **Totally, a sum of Rs.8.00 Crore** would be provided for this component out of Mission funds in the first year.

B. Strengthening Farmers Producer Organisation / Farmers Clubs:

Besides strengthening the PACCS for purchase of machinery, it is also proposed to strengthen FPOs and active Farmers Groups in setting up of micro enterprises in villages where there is a need for setting Dhal processors, Oil expellers, millet processing units, packaging, branding and opening of sale outlets for which an amount of **Rs.6.00 Lakhs** will be made available, in addition to **Rs.4.00 Lakhs** allocated to PACCS to be placed at the disposal of Farmers Producer Organisation (FPO) or active Farmers Clubs. The micro enterprises will be set up in the name of FPOs or Farmers Clubs concerned and Operation, maintenance and profit will be shared by FPOs or Farmers Clubs for running the enterprises. The modalities and guidelines for releasing the fund will be issued by Director of Agriculture.

Totally, a sum of **Rs.20 Crores (Rs.8.00 Crore for 200 PACCSs and Rs.12.00 Crore for FPOs or Farmers Clubs)** would be provided from Mission fund.

C. Institutional Strengthening – Creation of Custom Hiring Centres / Agro Service Centres for Unemployed Rural Youth in the dry land Clusters:

In order to encourage the unemployed rural youth in the Cluster area, it is proposed to create Custom Hiring Centres to make available farm machinery and equipment and also develop entrepreneurship among unemployed rural youth. The CDT will select the unemployed youth in the Cluster. The assistance under "Sub-Mission on Agricultural Mechanization (SMAM)" will be utilized to establish 200 Custom Hiring Centres.

The unit cost for establishment of one Custom Hiring Centre is **Rs.10 Lakhs** of which 80% subsidy would be extended from SMAM and balance, to be borne by the youth. Hence, a sum of **Rs.16.00 Crores** out of funds dovetailed from existing schemes would be made available for creation of 200 Custom Hiring Centres in all the Clusters during the first year of implementation of Mission.

XI. Crop Insurance:

Crop insurance will be of more help to farmers doing dry land agriculture during the failure of monsoon rain. Pradhan Mantri Fasal Bima Yojana (PMFBY), recently launched would cover all risks from land preparation till harvest. The features such as prevented sowing / failed sowing would save the farmers in case monsoon fails. It will be ensured by the CDT that all the loanee & non-loanee farmers are brought under the PMFBY net for the benefit of the farmers.

XII. Animal Husbandry:

i. Optimising the Nutrient Profile of Cattle:

It is proposed to extend the coverage of area specific mineral mixture to 800 to 1000 crossbred cattle owned by poor farmers in each cluster for an outlay of Rs 7.00 lakhs to improve the general health and to increase the productivity of the cattle.

Sl. No	Component	Unit Cost	Budget (Rs in Cr)
1.	Provision of area specific mineral mixture to 1000 cattle @ 10 kgs/ cow / annum per Cluster	70	0.07
	Total		0.07

ii. Optimising the Reproductive Health

In order to address the reproductive failure including hormonal imbalances and infections, it is proposed to conduct reproductive health camps at the villages for identifying chronic reproductive health issues and providing appropriate treatment for approximately 150 animals at an outlay Rs.1.50 lakhs.

Sl. No	Component	Unit Cost (Rs)	Budget (Rs in Cr)
1.	Reproductive health package consisting of Progesteron, prostaglandin, Antibiotics, uterine ecobolics and cost of 2 Artificial Inseminations for 150 cross-bred cattle	1000	0.015
	Total		0.015

Optimising Udder Health of Cattle

Cross bred cattle with poor milk production will be identified and tested for subclinical mastitis using the Californian mastitis reagent. Those animals that show positive response will be provided treatment for subclinical mastitis. It is assumed that approximately 150 cattle (30%) will have to be provided udder care treatment at an outlay of Rs.1.50 lakhs.

Sl. No	Component	Unit Cost (Rs)	Budget (Rs in Cr)
1.	Udder health package consisting of Antibiotics, antiseptics, anti inflammatories, intra mammary infusions and supportives for 150 cross-bred cattle.	1000	0.015
	Total		0.015

These holistic interventions that are specific for dry land cattle rearing would result in increase in production and augment the rural household incomes.

Abstract for Animal Husbandry Component for Every Cluster

S. No	Component	Budget (Rs in Cr)
1.	Provision of area specific mineral mixture	0.070
2.	Reproductive health package	0.015
3.	Udder health package	0.015
	TOTAL	0.100

For the first year, a sum of **Rs.20.00 Crores** would be provided out of Mission Funds for 200 Clusters under Animal Husbandry Component. The above amount will be made available to the Director, Animal Husbandry & Veterinary Services, who will coordinate with the Director of Agriculture in the implementation of the comprehensive Dryland Cluster. The Agricultural Production Commissioner and Secretary to Government, Agriculture Department and Secretary, Animal Husbandry, Dairying & Fisheries will also supervise the above component.

5. COST ESTIMATE OF THE PROJECT FOR 200 CLUSTERS

The activities in the first 200 Clusters will be spread to 2016-17 & 2017-18. The cost of various components is summarized as below.

S. No	Details	Finance (Rs. in Cr)	Source of fund	
			Mission fund	Dovetailed fund
1.	Baseline survey	0.50	0.50	..
2.	Formation of Village level Farmers Clubs	2.00	2.00	..
3.	Capacity Building	2.08	1.00	1.08
4.	Entry Point Activities	10.00	10.00	...
5.	Land development activities / Establishment of water harvesting structures	40.00	25.00	15.00
6.	Agronomic interventions	50.00	27.00	23.00
7.	Assistance for value addition	20.00	20.00	...
8.	Assistance for Custom Hiring Centres	16.00	...	16.00
9.	Animal Husbandry activity	20.00	20.00	...
	Total	160.58	105.50	55.08

Total Mission Funds : Rs.105.50 Crores
 Dovetailed Scheme funds : Rs. 55.08 Crores

6. The Director of Agriculture has stated that the overall Mission cost works out to Rs.802.90 Crores out of which the amount required from Mission fund is Rs.527.50 Crores and funds out of dovetailed schemes is Rs. 275.40 Crores Yearwise Finance required is as follows:-

Year	Mission fund (Rs.in cr)	Dovetailed fund (Rs.in cr)	Total (Rs.in cr)
2016-17	13.50	1.08	14.58
2017-18	119.00	56.16	175.16
2018-19	211.00	110.16	321.16
2019-20	184.00	108.00	292.00
Total	527.50	275.40	802.90

7. The various timelines for the first 200 Clusters are given as follows:

S. No	Details	Implementation Schedule	Year of Implementation
1.	Baseline survey	3 months	2016-17
2.	Cluster Formation	3 months	4 th Qtr of 2016-17 and 1 st qtr of 2017-18
3.	Capacity Building	1 month	
4.	Land development activities/ water harvesting structures	3 months	2017-18
5.	Agronomic interventions	6 months	
6.	Assistance for value addition & Custom Hiring Centres	3 months	

8. The Chief General Manager, NABARD vide reference second read above, has accepted the proposal for extending loan assistance for Rs.240 Crore under RIDF. The component wise details of assistance accepted by NABARD are as follows:-

Sl. No	Activities	Assistance accepted by NABARD under RIDF (Rs. in Crore)
1.	Formation of Village level Farmers Clubs.	10.00
2.	Capacity Building	5.00
3.	Entry Point Activities	50.00
4.	Land Development Activities/ Establishment of Water Harvesting Structures	..
5.	Establishment Water Harvesting Structures	75.00 (proposed under dovetailed Fund)
6.	Assistance for Value Addition	100.00
	Total	240.00

Further, NABARD, in their letter, informed that the eligible grant assistance for formation of Farmers Clubs and Capacity Building of officers / farmers involved in the formation of dryland clusters could be considered as per the norms and it has been requested to finalize the captioned proposal and submit the same through Nodal department at the earliest convenience.

9. The Director of Agriculture has therefore requested the Government to accord Administrative sanction for implementation of the Mission on Sustainable Dry Land Agriculture for development of 1000 clusters at a total cost Rs.802.90 Crores in Tamil Nadu for a period of 4 years i.e., from 2016-17 to 2019-20

10. The Government, after a detailed examination, accept the proposal of the Director of Agriculture, in principle for implementation of "Mission on Sustainable Dryland Agriculture" Project and accord administrative sanction for the implementation of the Mission on Sustainable Dryland Agriculture for development of 1,000 Dryland clusters @ 1,000 Ha of dryland per cluster in three phases (200 clusters in 2016-17 & 2017-18, 400 clusters in 2017-18 & 2018-19 and 400 clusters in 2018-19 & 2019-20) for a total outlay of Rs.802.90 Crore (Rupees Eight hundred and two crores and ninety lakhs only) (Rs.300.00 Crores from State Government, Rs.240.00 Crores from NABARD funds and Rs.262.90 Crores from Dovetailed Schemes) within a period of 4 years from 2016-17 to 2019-20 with the composition as detailed below:-

(Rs. in Crores)

S. No	Component	State fund	NABARD – RIDF	Dovetailed fund	Total
1.	Baseline survey	2.500	...	..	2.50
2.	Formation of Village level Farmers Club	...	10.00	..	10.00
3.	Capacity Building	...	5.00	5.40	10.40
4.	Entry point Activities	...	50.00	..	50.00
5.	Land Development / Establishment of Water Harvesting Structures	62.50	75.00	62.50	200.00
6.	Agronomic Interventions	135.00	...	115.00	250.00
7.	Assistance for Value addition	...	100.00	..	100.00
8.	Custom Hiring Centres	...	...	80.00	80.00
9.	Animal Husbandry activities	100.00	...	..	100.00
Total		300.00	240.00	262.90	802.90

11. Further, the Government hereby accord financial sanction for a sum of Rs.13.50 Crore (Rupees Thirteen Crores and Fifty lakhs only) under State fund for 2016-17 to kick start the project and Rs.1.08 Crore dovetailed from ATMA fund during 2016-17.

12. The Government accord approval to seek financial sanction of Rs.240 Crore under RIDF – from NABARD for implementation of the activities such as formation of village level Farmers Clubs, Capacity Building, Entry point Activities,

Establishment of Water Harvesting Structures and assistance for Value Addition for this Mission.

13. The Government also accord permission to dovetail a sum of Rs.262.90 Crore (Rupees two hundred and sixty two crore and ninety lakhs only) from various ongoing Centrally Sponsored Schemes such as Agricultural Technology Management Agency (ATMA), National Food Security Mission, National Agricultural Development Programme, Sub-Mission on Agricultural Mechanization, Seed Village, MGNREGS, etc., for implementation of various activities under this Mission.

14. The Government also accord permission

- (a) For formation of 1000 Dryland Clusters within a period of four years with 1,000 Hectares in each Cluster with Primary Agricultural Cooperative Credit Society (PACCS) being the focal unit for each cluster.
- (b) For formation of Cluster Development Team (CDT) consisting of Agricultural Officer concerned as Cluster Coordinator and Secretary of the nodal PACCS, Assistant Engineer / Junior Engineer of Agricultural Engineering Department, Deputy Agricultural Officers, Assistant Agricultural Officers of Agriculture & Agriculture Marketing department, Veterinary Assistant Surgeon of the concerned Veterinary Dispensary, Block Technology Manager & Assistant Technology Manager of ATMA and 3 to 5 lead farmers as nominated by Assistant Director of Agriculture (ADA) as the members of CDT for implementing various activities under this Mission.
- (c) For formation of block level team with Assistant Director of Agriculture as Block Coordinator, Scientist from Tamil Nadu Agricultural University (TNAU) / Krishi Vigyan Kendra (KVK), Assistant Executive Engineer of Agricultural Engineering Department, Cooperative Sub-Registrar & the senior most Veterinary Assistant Surgeon in the Block as members for guiding and supervising the activities in the Clusters of the Block.
- (d) For formation of Farmers Clubs in each Village Panchayat covered under each dryland Cluster called "Maanavari Grama Vivasayigal Membattu Kuzhu" with lead farmers as office bearers to discuss about the progress of the activities.

15. The Government hereby authorize the Director of Agriculture to draw and deposit the fund allocated for all components under this Mission to concerned bank account opened at nodal PACCS for implementation of various interventions identified by the Cluster Development Team.

16. The Government hereby authorize Cluster Co-ordinator & Secretary, PACCS to incur expenditure for implementation of all the identified activities in the cluster.

17. The proposal of the Director of Agriculture as enlisted in paras 4 to 7 is agreed to and the Director will give further detailed guidelines for the conduct of

Baseline Survey, proper functioning and financial discipline of money released to Farmer's Clubs, based on the need.

18. The Director of Agriculture is empowered to modify any of the guidelines in consultation with Agricultural Production Commissioner and Secretary, Agriculture Department without exceeding the overall financial allocation in accordance with the field requirements as and when required.

19. The expenditure sanctioned for Rs.13.50 Crore in para 11 above shall be debited in the following new Head of Account.

"2401 00 Crop Husbandry – 800 – Other Expenditure – Scheme in the Twelfth Five Year Plan – II State Plan KL Mission on sustainable Dry land Farming. 09 – Grants-in-Aid – 02 – Grants for Capital Expenditure".
(DPC 2401 00 800 KL 09 23) Rs.1000.00 Lakhs

03 Grants for Specific Schemes
(DPC 2401 00 800 KL 0932) Rs.200.00 Lakhs

33 Payments for Professional and Special Services 03 Special Service.
(DPC 2401 00 800 KL 3331) Rs.50.00 Lakhs

72 Training
(DPC 2401 00 800 KL 7202) Rs.100.00 Lakhs.

20. The expenditure sanctioned in para 11 above constitute an item of "New Service". The approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure may be initially met by drawal of an advance from the contingency fund. The Director of Agriculture is directed to calculate the actual amount required for the period upto next supplementary estimates and apply for sanction of the same as advance from the Contingency fund to Finance (BG-1) Department directly in Form – A appended to the Tamil Nadu Contingency Fund Rules – 1963 along with a copy of this order. Orders for sanction of advance from the Contingency Fund will be issued from Finance (BG-1) Department. He has also requested to send necessary explanatory notes for inclusion of the above expenditure in the Supplementary Estimates 2016-17 to Finance (BG-1/Agri) Department at an appropriate time without fail.

21. The year wise breakup details of component wise implementation and expenditure shall be as per the Annexure appended to this order.

22. This order issues with the concurrence of Finance Department vide its U.O.No. 3450/Agri/2017, dated 27.01.2017 and Additional Sanction Ledger No. 1967 (One Thousand Nine Hundred and Sixty Seven).

(BY ORDER OF THE GOVERNOR)

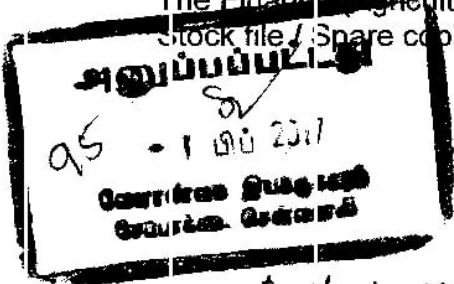
GAGANDEEP SINGH BEDI
Agricultural Production Commissioner
and Secretary to Government

To
The Director of Agriculture, Chepauk, Chennai-5.
The Commissioner of Horticulture & Plantation Crops, Chennai – 5.

The Director of Agricultural Marketing & Agri Business,
Chennai - 32.
The Director, Animal Husbandry & Veterinary Services, Chennai -3.
The Chief Engineer, Agricultural Engineering, Chennai - 35.
The Chief Executive Officer, State Level Nodal Agency,
Tamil Nadu Watershed Development Agency, Chennai - 32.
The Registrar, Tamil Nadu Agricultural University, Coimbatore - 32.
The Deputy General Manager, NABARD, Chennai - 34.
The Pay and Accounts Officer (East), Chennai-8.
The Pay and Accounts Officer, Chennai-35.
The Treasury Officers concerned.
The Principal Accountant General, Chennai-18(by name)
The Accountant General(G&SSA), Chennai-18
The Principal Accountant General (E&RSA), Chennai - 18.
The Accountant General (Audit), Chennai-18 (by name)
The Principal Accountant General (AAD), F&A cell / Audit I/II,
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Copy to

The Secretary to Hon'ble Chief Minister, Chennai-9.
The Special Personal Assistant to Hon'ble Minister (Agriculture), Chennai-9.
The Private Secretary to Agricultural Production Commissioner and Principal Secretary to Government, Agriculture department, Chennai - 9.
The Private Secretary to Animal Husbandry, Dairying & Fisheries Department, Chennai -9.
The Private Secretary to Addl. Chief Secretary, Finance Department, Chennai -9.
The Private Secretary to Principal Secretary, Co-operation, Food & Consumer Protection Department, Chennai- 9.
The Finance (Agriculture/BG.I/BG.II) Department, Chennai-9.
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Endt. Lr. No: RPS2 / 96047/16, dated 2/17

R. Kalasetti
Section Officer, 27/1/17

SV
27/1/17

A copy of the G.O. is being communicated for necessary action.

etc.

(SV)
DNABRPS2

To

- 1) All JDA's.
- 2) Copy to: P.C.S, P&M, S.S., Plan
- 3) C.O. to S.F. (RPS2)

SV
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A.

ANNEXURE-I

G.O.(Ms.)No. 14, Agriculture (DPAP) Department, dated 27.01.2017

**IMPLEMENTATION OF A NEW SCHEME VIZ. MISSION ON SUSTAINABLE DRYLAND AGRICULTURE - YEARWISE
COMPONENTWISE EXPENDITURE DETAILS**

S.No.	Component	Unit cost per cluster	YEARWISE, COMPONENTWISE EXPENDITURE DETAILS				Total
			2016-17	2017-18	2018-19	2019-20	
1.	Baseline Survey	0.25	0.50	1.00	1.00	0	2.50
2	Formation of Village level farmers club	0.1	2.00	4.00	4.00	0	10.00
3.	Capacity Building	1.04	2.08	4.16	4.16	0	10.40
4.	Entry point activities	5.00	10.00	20.00	20.00	0	50.00
5.	Land Development Activities/ Estimate of water harvesting structures	20	0.00	40.00	80.00	80.00	200.00
6.	Agronomic Interventions	25	0.00	50.00	100.00	100.00	250.00
7.	Assistance for value addition	10	0.00	20.00	40.00	40.00	100.00
8.	Assistance for custom hiring centres	8	0.00	16.00	32.00	32.00	80.00
9.	Animal Husbandry activities	10	0.00	20.00	40.00	40.00	100.00
			14.58	175.16	321.16	292.00	802.90

GAGANDEEP SINGH BEDI
Agricultural Production Commissioner
and Secretary to Government

//True Copy//

R. Srinivasulu
Section Officer
27.1.17