



ABSTRACT

Agriculture & Farmers Welfare Department – Agriculture Budget Speech of 2021-2022-Announcement - Sanction for a sum of Rs.299.976 Lakh for implementing the Scheme of “Special Package for increasing the productivity in coconut through Integrated Nutrient Management” during the year 2021-2022 – Orders – Issued.

AGRICULTURE & FARMERS WELFARE (H2) DEPARTMENT

G.O.(Ms) No.172

Dated: 28.10.2021

திருவள்ளூர் ஆண்டு 2052

பிலை வருடம், ஐப்பசி 11

Read:

The Director of Agriculture letter No.OPC3/53928/2021, dated 08.10.2021

ORDER:-

During Agriculture Budget Speech of 2021-2022, the Hon'ble Minister for Agriculture and Farmers Welfare has made, among others, the following announcement on the floor of Tamil Nadu Legislative Assembly on 14.08.2021:-

Announcement No.13 - Intensive Coconut Cultivation,

“The Government will take various efforts in the current year to protect the welfare of Coconut farmers; “Integrated Nutrient Management Special Package” scheme will be implemented to increase the Coconut productivity XXXX”.

2. In the letter read above, the Director of Agriculture has sent the detailed proposal for “Special package for increasing the productivity in Coconut through integrated nutrient management – 2021-2022 are as follows:-

2.1 Context / Background

Tamilnadu is one of the leading Coconut cultivating State in India. It is cultivated in an area of 4.39 lakh Ha with a productivity of 11,271 nuts / ha and production of 49,474 lakh nuts per year. Majority of Coconut area is cultivated under irrigated condition in the State. In the past, the State has witnessed intermittent drought throughout the State and Gaja cyclone in delta Districts like Thanjavur, Pudukottai, resulting in drastic reduction of nut yield. Proper nutrient management is required to

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sustain and increase the yield levels of the Coconut garden. The Coconut gardens need to be revived and hence this scheme is proposed for implementation in 2021-2022.

2.2. Aims / Objectives

The scheme aims to increase the productivity in Coconut through integrated nutrient management practices. The yielding Coconut gardens will be applied with Green Manure, Borax supported by Bio fertilizers.

2.3. Strategy

Since coconut being a perennial crop, utmost importance has to be shown in the management of the garden which is going to have direct impact in the productivity. Fertilisers play an important role in the plant metabolic process. The requirement of major nutrients such as Nitrogen, Phosphorous and Potassium are essential for the growth of the tree both directly and indirectly. The farmers are learning its importance and have started applying them now. However, for improved uptake of those nutrients, Bio-fertilizers should be applied. The Bio-fertilizers help in making the nutrients easily available for the trees for easy absorption. The organic content of the soil need to be improved by application of Green Manure and ploughing them in-situ. The major problem in Coconut cultivation is the shedding of buttons which can be rectified by application of recommended dose of Boron. It is proposed to provide 50% financial assistance on the components proposed under the Scheme.

2.4. Role of Components Proposed under the Scheme:

(a) Role of Boron in Coconut Nutrition:

Boron is an essential micronutrient for coconut, which helps in the multiplication of meristematic tissues. It helps the metabolism of protein, synthesis of pectin, maintenance of water relation, translocation of sugars, fruiting process, growth of pollen tube and in the development of flowers and fruits. Boron Deficiency Symptoms appear on newly emerging leaves, inflorescence and nuts. Boron deficiency also occurs in inflorescence and nuts resulting in poor nut setting, increase in button shedding and immature nut fall. The inflorescence and nuts become necrotic leading to barren nuts.

Application of Borax rectifies the above mentioned defects and improves the nut setting resulting in better yield.

(b) Green Manure Application in Coconut:

In earlier days, Kozhunchi (*Tephrosia purpurea*) a common land weed which also acts as Green manure crop was incorporated into the land which enhanced the nutritive status of the soil. Similarly, Green manure like Sunhemp, Daincha etc will help to improve the nutrient contents in soil which will be utilised by the plants. For example, Daincha when cultivated as Green Manure Crop produces around 5000 kg of Biomass with 850 kg Dry Matter Production (DMP) / ac and when incorporated into soil it contributes around 25.7 kg N / ac (which is equivalent to 55.86 kg of Urea).

Few Merits of application of Green Manure include improved soil structure, improved water holding capacity, and improved soil fertility.

2.5. Area of implementation

The scheme is proposed to be implemented in Coconut cultivating Districts namely, Coimbatore, Tiruppur, Thanjavur, Dindigul, Kanyakumari, Theni, Krishnagiri, Erode, Salem, Tenkasi, Tirupathur, Madurai, Pudukottai and Virudhunagar.

2.6. Area proposed

The scheme is proposed for implementation in 5,172 Ha in the following Districts as given below:

Sl.No	District	Present area under cultivation(Ha)	Area proposed for implementation in 2021-2022 (Ha)
1	Coimbatore	87,749	850
2	Tiruppur	61,890	700
3	Thanjavur	38,777	600
4	Dindigul	28,657	400
5	Kanyakumari	24,429	350
6	Theni	21,318	320
7	Krishnagiri	14,767	300
8	Erode	14,686	300
9	Salem	12,659	257
10	Tenkasi	11,618	250
11	Tirupathur	11,351	245
12	Madurai	10,388	200
13	Pudukottai	10,021	200
14	Virudhunagar	10,020	200
	Total	35,8330	5,172

2.7. Target beneficiaries

All categories of Coconut farmers shall avail the financial assistance with priority for small and marginal farmers. A farmer shall avail financial assistance for a maximum of 1 Ha.

2.8. Scheme Cost

The scheme is proposed to be implemented in Coconut cultivating Districts namely Coimbatore, Tiruppur, Thanjavur, Dindigul, Kanyakumari, Theni, Krishnagiri, Erode, Salem, Tenkasi, Tirupathur, Madurai, Pudukottai and Virudhunagar at a cost of Rs.299.976 lakh in 2021-2022.

The details of requirement of funds for 2021-2022 are given below:

(a) Inputs:

The following inputs are proposed for distribution to the farmers:

Sl. No	Component	Unit	Particulars	Amount per Hectare
1.	Distribution of Green Manure Seeds	Kg	50 kg(Green Manure Seeds) 50 x Rs.70/ kg = Rs.3,500/-	Rs.3,500
2.	(a) Land Preparation	Rs	2 times ploughing @ Rs.2000 / plough	Rs.4,000
	(b) Sowing of Green Manure Seeds and In-situ Ploughing	-	In-situ Ploughing before flowering	Rs.1,800
3.	Bio-Fertilizers	Kg	100 gm/ tree @ 2 times per year = 200 gm 200 x 175 = 35 Kg (1 Kg @ Rs.30) 35 x 30 =Rs.1,050/-	Rs.1,050
4.	Borax	Kg	50 gm/ tree /year 10kg x Rs.125/kg = Rs.1,250/-	Rs.1,250
	Total			Rs.11,600

Required quantity of Green Manure Seeds and Borax should be procured through District Level Agricultural Input Procurement Committee (DLAPC) following due Tender Transparency Act Procedures and the Inputs have to be distributed through Integrated Agriculture Extension Center (IAEC). Also, the inter-cultivation and labour components have to be borne by the Farmer.

Subsidy:

50% of the Cost (or) Rs.5800/- (50% of Rs.11,600/-) whichever is less.

Total financial requirement for 5,172 Ha = Rs. 299.976 lakh
(Rs.5800/- X 5172 Ha)

3. The Government after careful examination, of the proposal of Director of Agriculture, hereby accord financial sanction for a sum of Rs.299.976 Lakh (Rupees Two Crore Ninety Nine lakh Ninety Seven Thousand and Six Hundred only) to the Director of Agriculture towards the implementation the Scheme of "Special Package for increasing the productivity in coconut through Integrated Nutrient Management" during the year 2021-2022 and to distribute the recommended inputs at 50 % subsidy to the farmers. The guidelines for the implementation of the scheme is annexed to this order.

4. The expenditure sanctioned in para 3 above shall be debited to the following Head of Account:-

2401-00-CROP HUSBANDRY-108 COMMERCIAL CROPS - STATE'S EXPENDITURE – AY - DEVELOPMENT OF COCONUT CULTIVATION 311 SUBSIDIES 01 - INDIVIDUAL BASED SUBSIDY

(IFHRMS DPC : 2401-00-108-AY 31101) – Rs.299.976 lakh

5. Necessary additional funds of Rs.299.976 lakh will be provided in Revised Estimate / Final Modified Appropriation 2021-2022 by way of re-appropriation as detailed below:

(Rs. in Thousand)

Sl. No.	Head of account	RBE 2021-2022	Available fund in RBE 2021-2022	Additional fund	After Re-appropriation
1.	2401 00 108 AY 32401	50000	30000	(-) 29998	2
	2401 00 108 AY 31101	0	0	(+)29998	29998
	Net Result	50000	30000	NIL	30000

Pending provision of such funds, the Director of Agriculture is authorized to draw and disburse the amount sanctioned in para 3 above to the concerned. The Director of Agriculture is directed to include this expenditure while sending the Budget proposal for Revised Estimate / Final Modified Appropriation 2021-2022 and to surrender the re-appropriated amount to Government in Finance (Agri. & FW) Department at the appropriate time without fail.

6. The Director of Agriculture is directed to adhere to the guidelines while implementing the scheme.

7. This order issues with the concurrence of Finance Department vide its U.O. No.138/JS(GKT)/Fin (Agri&FW)/2021, dated 28.10.2021 and Additional Sanction Ledger (ASL) No.707 (Seven hundred and Seven)

(BY ORDER OF THE GOVERNOR)

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

To

The Director of Agriculture Chepauk, Chennai-5.

The Chief Coconut Development Officer, Coconut Development Board, Kochi-682011.

The Chairman, Coconut Development Board, Ministry of Agriculture, Government of India, Kera Bhavan, SRVHS Road, Kochi- 682011.

[P.T.O]

The Director, Coconut Development Board, Regional Office, (Ministry of Agriculture and Farmers Welfare, Government of India), No. 47, F1, Dr. Ramasami Salai, K.K. Nagar, Chennai – 600 078.

The Principal Accountant General (G&SSA), Chennai-18.

The Principal Accountant General (E&RSA), Chennai-18

The Residential Audit Officer of Principal Accountant General (General Social Sector Audit), Secretariat, Chennai – 9.

The Accountant General, Chennai-18 (by name)

The Pay and Accounts Officer (East), Chennai-8.

All Treasury Officers.

The Regional Audit Officers, Chennai / Madurai/ Coimbatore/ Pudukottai.

Copy to

The Special Personal Assistant to Hon'ble Minister for Agriculture & Farmers Welfare Department, Chennai-9.

The Senior Private Secretary to Agricultural Production Commissioner and Secretary to Government, Agriculture & Farmers Welfare Department, Chennai-9.

The Finance (Agri.&FW /BGII/W&M-I) Department, Chennai-9.

The Assistant Programmer, Agriculture & Farmers Welfare Department, Chennai – 9.

Agriculture & Farmers Welfare (B&P/OP3) Department, Chennai-9.

Connected File No.18865/H2/2021

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/ FORWARDED BY ORDER /

of. of (2021)
28/10/2021
SECTION OFFICER
3/8
28-10-21

ANNEXURE**[G.O.(Ms) No172, Agriculture & Farmers Welfare (H2) Department, dated 28.10.2021]****Guidelines for the implementation of the Scheme "Special package for increasing the productivity in Coconut through integrated nutrient management –2021-2022"**

1. The Scheme is to be implemented in Coconut cultivating Districts namely Coimbatore, Tiruppur, Thanjavur, Dindigul, Kanyakumari, Theni, Krishnagiri, Erode, Salem, Tenkasi, Tirupathur, Madurai, Pudukottai and Virudhunagar.
2. All categories of Coconut farmers shall avail the financial assistance and priority should be given to SC / ST, small and marginal farmers. A farmer shall avail financial assistance for a maximum of 1 Ha.
3. Priority should be given to the farmers of the Village Panchayat covered under Kalainjarin All Village Integrated Agricultural Development Programme (KAVIADP).
4. Necessary publicity has to be given in advance to the farmers regarding the implementation of the scheme.
5. The recommendation dose of inputs of Green manure – 50kg/ha and biofertilizers -100gm/tree and Borax – 50gm/tree should be distributed under the scheme.
6. The Green manure, Bio-fertilizers and Borax should be distributed from the Agricultural Extension Centres of the concerned block.
7. Required quantity of Green Manure Seeds and Borax should be procured through District Level Agricultural Input Procurement Committee (DLAPC) following due Tender Transparency Act Procedures.
8. Necessary registers have to be maintained for recording the details of beneficiaries and inputs distributed for furnishing during audit.
9. Documentation of the implementation of the scheme is mandatory.
10. The list of beneficiary should be placed in the Grama Sabha.

**C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT**

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A. S. S. S.
28/10/2021
SECTION OFFICER u/s
28.10.21

[P.T.O.]

விண்ணப்ப படிவம்

தென்னையில் ஒருங்கிணைந்த உர நிர்வாகத்தின் மூலம் உற்பத்தி திறனை அதிகரிப்பதற்கான சிறப்பு தொகுப்பு திட்டத்தில் 50% மானியம் வழங்க கோரும் விண்ணப்பம்:

1	விவசாயின் பெயர்	
2	தகப்பனார் பெயர்	
3	முகவரி	
4	ஆதார் எண்	
5	FCMS Code	
6	தென்னை சாகுபடி செய்யப்படும் பரப்பு	
7	சர்வே எண்	

நான், எனது வயலில் எக்டேர் பரப்பில் தென்னை சாகுபடி செய்து வருகிறேன். தென்னை சாகுபடி திட்டத்தில்எக்டேர் பரப்பில் இத்திட்டத்தை செயல்படுத்திட எனது விருப்பத்தினை தெரிவித்துக்கொள்கிறேன்.

பசுந்தாள் விதைகளை விதைத்து டிராக்டர் மூலம் உழுவுப் பணிகளை எனது வயலில் மேற்கொண்டதற்கான ரசீதினை இத்துடன் இணைத்துள்ளேன் (பட்டியல் எண்/ தேதி)

மேலும், வேளாண்மை விரிவாக்க மையம் மூலம் பசுந்தாள் விதைகள் (KG),போராக்ஸ்..... (KG), மற்றும் உயிர் உரங்கள் (PACKETS) வழங்கிட கேட்டுக்கொள்கிறேன். இதற்குரிய மானியத் தொகையினை அனுமதித்திட கேட்டுக்கொள்கிறேன்.

விவசாயி கையொப்பம்

அலுவலக உபயோகத்திற்கு

விவசாயியால் விண்ணப்பத்தில் குறிப்பிட்டுள்ள உழவுப்பணிகளை மேற்கொண்டதற்கான பட்டியல்கள், சரிபார்க்கப்பட்டு சரியாக உள்ளது என சான்றளிக்கின்றேன். மேலும், வேளாண்மை விரிவாக்க மையம் மூலம் மேற்கண்ட திட்டத்திற்கு தேவையான பசுந்தாள் விதைகள் (KG), போராக்ஸ்..... (KG), மற்றும் உயிர் உரங்கள் (PACKETS) வழங்கிட பரிந்துரை செய்யப்படுகிறது.

வ. எண்	இடுபொருட்கள் விவரம்	ரூ.பை
1	விவசாயியால் மேற்கொள்ளப்பட்ட உழவுப்பணிக்கான தொகை	
2	வேளாண்மை விரிவாக்க மையம் மூலம் வழங்கப்படும் பசுந்தாள் விதைக்கான தொகை	
3	வேளாண்மை விரிவாக்க மையம் மூலம் வழங்கப்படும் உயிர் உரங்களுக்கான தொகை	
4	வேளாண்மை விரிவாக்க மையம் மூலம் வழங்கப்படும் போராக்ஸ்க்கான தொகை	
5	மொத்த தொகை	
	50% மானியத் தொகை அனுமதி (ரூ.....) அல்லது 50 சதவீதத்தில் எது குறைவோ	

மேலொப்பம்.

உதவி வேளாண்மை அலுவலர் ஒப்பம்.

வேளாண்மை அலுவலர்/

துணை வேளாண்மை அலுவலர் கையொப்பம்

