



ABSTRACT

Horticulture –Announcement made by the Hon'ble Chief Minister under Rule 110 - Administrative sanction to implement the Project of "Hi - Tech Horticulture Development Programme in Delta Districts at an outlay of Rs.23.00 Crore" - Orders - Issued.

Agriculture (H2) Department

G.O.(Ms)No. 209

Dated: 04.09.2020

சார்வரி வருடம், ஆவணி, 19
திருவள்ளுவர் ஆண்டு 2051

Read:-

From the Managing Director, Tamil Nadu Horticulture Development Agency, Letter No.TAN/NHM/1939/2020, dated 30.04.2020.

ORDER:-

During the demand on Agriculture Department on 24.03.2020, the Hon'ble Chief Minister among others made an announcement on the floor of the Assembly under Rule 110 to implement the Project of "Hi -Tech Horticulture Development Programme in Delta Districts at an outlay of Rs. 33.00 Crore".

2. Based on the announcement made by the Hon'ble Chief Minister under Rule 110 of Tamil Nadu Legislative Assembly, the Managing Director, Tamil Nadu Horticulture Development Agency has sent a proposal stating that to implement Hi-Tech Horticulture practices like Poly Green House, Shade net, Mulching, Pandhal and Micro Irrigation for 7500 acres in these Delta Districts at an outlay of Rs.3300.00 lakh.

Poly Green House

Poly Green House enables year-round and off-season production of crops. High value horticultural crops such as carnation, cut roses, lilliums, gerbera, capsicum, cucumber and tomato are extensively cultivated in the poly house with the existing agro-climatic conditions. Huge demands are emerging slowly.

It is proposed to establish 30,000 sqm. (3.0 ha) naturally ventilated (Tubular structure) Poly Green House at an outlay of Rs.140.25 lakh.

(P.T.O.)

Shade Net House

Shade net cultivation has become popular among the farmers. High quality capsicum, hybrid vegetable seedlings, hardening TC plantlets and nursery plants are taken up in the shade net house.

It is proposed to establish 30,000 sqm. (3.0 ha) of Shade net House at an outlay of Rs.106.65 lakh.

Plastic Mulching

Soil mulching conserves soil and water, controls weed and regulate moisture regime around the root zone. It enhances yield potential. Mulching is practiced mainly in vegetable crops and flower crops like tuberose.

It is proposed to bring 306 ha area of Horticulture crops under Plastic Mulching at an outlay of Rs.48.96 lakh.

Pandal system

Pandal system is a technological improvement used to support vegetable crops like Bitter gourd, Ribbed gourd, Snake gourd, Lab-lab, Chow-chow, Coccinea, Bottle gourd and fruits like Grapes, Musk melon. These crops have been grown on commercial scale since they have tremendous market potential and are capable of giving higher economic returns to the farmers.

It is proposed to bring 82 ha area of Horticulture crops under Pandal system of cultivation at an outlay of Rs.164.00 lakh.

Micro Irrigation:

Micro Irrigation is a method of irrigating crops by Drip system or sprinkler system. Micro Irrigation uses water efficiently, reduces weed growth and ensures increased crop yield. By adopting Micro Irrigation technologies, crops can be cultivated round the year, with the available water and wastage of water by flood irrigation can be avoided.

It is proposed to bring new area under Micro Irrigation technology at an outlay of Rs.1500.00 lakh.

Multi-Tier cropping system

Multi storied cropping system is a perspective modern approach for sustainable productivity in plantation crops especially in Coconut, Areca nut and Coffee. The system is more adaptable in tall growing perennials with compatible annual crops. The practice of multi storied cropping system is highly successful in plantation crops especially in Coconut, Areca nut, Coffee and Cashew for enhancing sustainable productivity and realizing higher income per unit area.

(P.T.O.)

The basic principles of multi-tier cropping system include.

- (i) Crop diversification on scientific, ecological & economic principles.
- (ii) Maximize system productivity
- (iii) Utilization of resources with higher efficiency.
- (iv) Intensive input use and.
- (v) Sustainability of farm resources & environment on long term perspective.

Feasibility of Multi Storied Cropping System in Horticultural Crops.

- Horticultural crops especially plantation crops are perennial in nature and long pre-bearing period (Coconut, Arecanut).
- Crops have wider spacing and are tall growing eg: Coconut (7.5X7.5m, 15- 20m ht.), Arecanut (2.7X 2.7m, 15-20m ht.)
- Canopy cover (Occupation of space) is very slow and more than 60-70% inter space is not effectively utilized (Mango, Sapota, Coconut, Arecanut).
- Crop geometry and rooting pattern among perennials and annual crops is compatible without any adverse effect on main crops (Arecanut, Cocoa, Banana, Ginger, Turmeric, Pineapple).
- Crops are shade loving and tolerance to dripping of rain drops and high humidity (Banana, Cocoa, Turmeric, Ginger, Pineapple, Pepper).
- Crops are the good source of bio-mass and byproducts which are easily recyclable and decomposable (Cocoa, Coconut, Arecanut, Cashew, Tree spices, Turmeric, Ginger, Mango, Guava).
- Crops having different harvesting time and period which facilitates for sustainable income (Banana, Cocoa, Coconut, Arecanut, Pineapple, Ginger, Turmeric).
- Suitability / tolerance to prevailing micro – climatic condition (Black pepper, Cocoa, Pineapple, Tree spices, Marigold, Jasmine)

3. He has further stated that the financial assistance of Rs.40,000/ ha will be provided for adopting multi-tier cropping system. It is proposed to bring 2500 ha under multi-tier cropping system at an total outlay of Rs.1000.00 lakh with financial assistance from NABARD.

He has proposed to implement the scheme by dovetailing of various schemes as detailed below:-

Sl. No.	Name of the Scheme	Financial outlay (Rs. In lakh)
1.	NABARD	1000.00
2.	MIDH – National Horticulture Mission	250.03
3.	Integrated Horticulture Development scheme	135.80
4.	National Agriculture Development Programme	74.00
5.	PMKSY – Micro Irrigation	1840.17
	Total	3300.00

4. The Managing Director, Tamil Nadu Horticulture Development Agency has requested order of the Government to implement Hi-Tech Horticulture practices like Poly Green House, Shade net, Mulching, Pandhal, Multi-Tier cropping system and Micro Irrigation for 7500 acres in these Delta Districts at an outlay of Rs.3300.00 lakh by dovetailing Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) – Micro Irrigation, Mission for Integrated Development of Horticulture (MIDH) – National Horticulture Mission, National Agriculture Development Programme Integrated Horticulture Development scheme and through NABARD.

5. The Government after careful examination of the proposal of the Managing Director, Tamil Nadu Horticulture Development Agency have decided to accord Administrative Sanction for implementation of the Project of “Hi -Tech Horticulture Development Programme” in Delta Districts at an outlay of Rs.2300.00 lakh and the above scheme be implemented by dovetailing funds as detailed below:-

Sl. No.	Name of the Scheme	Amount (Rs. In lakh)
1.	MIDH – National Horticulture Mission	250.03
2.	Integrated Horticulture Development scheme	135.80
3.	National Agriculture Development Programme	74.00
4.	PMKSY – Micro Irrigation	1840.17
	Total	2300.00

The component of Multi-Tier Cropping System proposed at an outlay of Rs. 10.00 crore is under loan assistance of NABARD. will be issued separately.

6. The Managing Director, Tamil Nadu Horticulture Development Agency is also directed to place the subject before the Governing Council of Tamil Nadu Horticulture Development Agency for approval.

7. This order does not require the concurrence of the Finance Department as per the G.O.(Ms) No. 519, Finance (Salaries)Department, dated 29.09.1997.

(BY ORDER OF THE GOVERNOR)

GAGANDEEP SINGH BEDI
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

To
 The Managing Director,
 Tamil Nadu Horticulture Development Agency, Chennai-5.

(P.T.O.)

The Principal Accountant General, (G&SSA) (E&RSA, AAD/ FSA, Cell/ Audit-I/II),
No. 361, Anna Salai, Teynampet, Chennai -18.

The Residential Audit Officer, O/o. Principal Accountant General
(General and Social Sector Audit), Secretariat, Chennai-9.

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

Copy to :

The Senior Personal Assistant to Hon'ble Minister for Agriculture, Chennai-9.

The Finance (Agriculture /BGI/BGII) Department, Chennai-9.

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

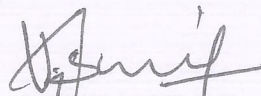
The Agriculture (OP.III) Department, Secretariat, Chennai-9.

The Assistant Programmer, Agriculture Department, Chennai – 9.

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(V.SELVARAJ)

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(BETWEEN)

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