



## ABSTRACT

Agriculture and Farmers Welfare – Implementation of Projects of Department of Horticulture and Plantation Crops under RKVY-RAFTAAR / NADP for the year 2021-2022 - Financial sanction for an amount of Rs.25.9613 crore as 1<sup>st</sup> instalment accorded – Orders – Issued.

### AGRICULTURE AND FARMERS WELFARE (AP1) DEPARTMENT

திருவள்ளூர் ஆண்டு 2052, பில்வ வருடம், புரட்டாசி - 27 ஆம் நாள்

G.O.(2D).No.155

Dated:13.10.2021

Read:

1. Government letter No.25066/AP1/2021-12, Agriculture Department, dated 28.04.2021.
2. From the Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture, Cooperation & Farmers Welfare, Letter F.No.7-1/2021-RKVY, dated 4.5.2021.
3. G.O.(2D) No.121, Agriculture and Farmers Welfare (AP1) Department, dated 1.7.2021.
4. From the Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture, Cooperation & Farmers Welfare, Letter F.No. 1-24/2021-RKVY/1, 2 & 3, dated 31.8.2021. (3 letters)
5. From the Director of Horticulture and Plantation Crops, Letter No.GOI/19861/2020, dated 8.9.2021.
6. From the Executive Director, Tamil Nadu Watershed Development Agency, Letter No.2829/ TAWDEVA/NADP/2020, dated 13.9.2021.

### ORDER:

National Agriculture Development Programme / Rashtriya Krishi Vikas Yojana is an important Centrally Sponsored flagship Programme implemented with an aim to make farming a remunerative economic activity through strengthening farmers' efforts, risk mitigation and promoting agri business entrepreneurship. National Agriculture Development Programme is being implemented in the State since the year 2007-08 through 15 implementing departments pertaining to agriculture and allied sectors. Project proposals under National Agriculture Development Programme (60:40 sharing basis) are put forth before the State Level Sanctioning Committee chaired by the Chief Secretary to Government for approval.

2. Accordingly, in the letter 1<sup>st</sup> read above, the 19<sup>th</sup> State Level Sanctioning Committee in its meeting held on 21.4.2021, has approved 74 project proposals worth Rs.361.485 crore on priority and 27 projects worth Rs.77.142 crore under shelf of projects and 3 projects worth Rs.4.532 crore from earlier shelf of projects totalling Rs.443.15 crore under National Agriculture Development Programme for the year 2021-22.

3. In the letter 2<sup>nd</sup> read above, the Government of India have allocated a sum of Rs.190.93 Crore as Central Share for the year 2021-22 for National Agriculture Development Programme / Rashtriya Krishi Vikas Yojana in the funding pattern of 60:40 sharing between Central and the State Governments. By adding the corresponding 40% State share of Rs.127.29 crore, the total allocation is worked out as Rs.318.22 crore.

4. In the Government Order 3<sup>rd</sup> read above, the Government have accorded administrative approval for the 74 projects including the projects of Director of Horticulture and Plantation Crops for an outlay of Rs.304.09 crore as downsized and recommended by Executive Director, Tamil Nadu Watershed Development Agency under National Agriculture Development Programme during 2021-22 in tune with the allocation made by Government of India. It has been stated that the financial Sanction will be issued separately as and when funds are released by Government of India.

5. In the letters 4<sup>th</sup> read above, the Government of India have released a sum of Rs.92.92 crore [Rs.90.18 crore for Normal National Agriculture Development Programme (General – Rs.72.58 Crore) + (SCSP - Rs.17.28 Crore) + (TSP - Rs.0.32 Crore) as 1<sup>st</sup> instalment for the year 2021-2022 & Rs.2.74 crore for two sub schemes under National Agriculture Development Programme]. By adding the 40% State share of Rs.60.12 crore for Normal National Agriculture Development Programme, the total release for 1<sup>st</sup> instalment is worked out as Rs.150.30 crore.

6. For the first time in the History of Tamil Nadu, the Hon'ble Minister for Agriculture and Farmers Welfare has presented a separate Budget for Agriculture on the floor of Legislative Assembly on 14.08.2021 and among others the following announcements relating to the Department of Horticulture and Plantation Crops have been made:-

### **Announcement No.3**

#### ***Organic Farming Development Scheme***

*The Farmers who adopt organic farming will be encouraged with provision of inputs subsidy.*

### **Announcement No.7**

#### ***Palmyra Development Mission***

*Action will be taken to distribute one lakh palmyra seedlings to farmers during the year.*

### **Announcement No.28**

#### ***Promotion of fruit cultivation for fruitful income***

*At National Level, Tamil Nadu stands seventh in production and eleventh in area under fruit crops. The present area of 3.13 lakh hectare under the cultivation of fruits will be increased to 3.30 lakh hectare during this year. The required planting materials of 80 lakh fruit plants will be produced in State horticulture Farms and distributed to farmers.*

## Announcement No.29

### Chief Minister's Nutritive Vegetable Garden Scheme

An area of 1,250 Ha in 2000 villages where the vegetable cultivation is meager will be brought under vegetable cultivation by enhancing the soil fertility. Pandal structure will be promoted in an area of 638 Ha for cultivation of gourds and greens in an area of 1000 Ha in all districts.

## Announcement No.31

### Focus on Prime Horticulture Districts

Horticulture Godown will be constructed in the districts where horticultural crops are predominantly grown. Emphasis will be given for cultivation of Horticultural crops such as Greens and Chillies in Thiruvallur district, Cashew and Jack in Cuddalore district, Pepper and Onion in Namakkal district, Acid lime and Amla in Tenkasi district. These districts will be provided with support and service right from sowing to marketing of the produce.

7. Based on the Government of India release, the Director of Horticulture and Plantation Crops, has sent the prioritized and recommended project proposals by Executive Director Tamil Nadu Watershed Development Agency for financial sanction for a sum of Rs.25.9613 crore under Rashtriya Krishi Vikas Yojana 2021-2022 as 1<sup>st</sup> instalment for implementation of the following projects by including the announcements made by the Hon'ble Minister for Agriculture and Farmers Welfare:-

(Rs.in lakh)

S. No.	Title of the Project	P.P.No.	Amount approved for 2021-22	Allocation	1 <sup>st</sup> instalment
(1)	(2)	(3)	(4)	(5)	(6)
1.	Promotion of Choice Horticulture crops of demand like Moringa, Onion, Greens, Palmyra, Mangosteen, Strawberry, Fig, Annona, Dragon fruit to raise the income of farmers	19.13	1800.00	1200.00	600.00
2.	Promotion of Banana Bunch Sleeves as a Special Practice for increasing marketability in banana and Pandal structure for increased yield under Horticulture crops requiring support.	19.14	1400.00	1400.00	700.00

3.	Promotion of Organic Cultivation in vegetables by incentivizing organic production and Certification	19.15	2500.00	2000.00	1000.00
4.	Popularization of new improved hybrids and varieties released by TNAU in Horticultural crops like Brinjal, Papaya, Amaranthus, Gourds, Tomato, Star jasmine and <i>Solanum nigrum</i>	19.17	192.25	192.25	96.13
5.	Promotion of soil nutrient health to enable cultivation of vegetables in Zero vegetable villages	19.18	400.00	400.00	200.00
	Total		6292.25	5192.25	2596.13

8. Diversification to horticulture crops not only increases the farmers' income but also improves the nutritional security of the population. Assistance for Organic Cultivation of vegetables, cultivation of choice horticulture crops, new varieties and Pandal cultivation will encourage farmers to readily take up these activities.

9. The Government, after careful examination of the proposal of the Director of Horticulture and Plantation Crops, hereby accord financial sanction for a sum of Rs.25.9613 Crore ( Rupees Twenty five Crore Ninety Six Lakh and Thirteen thousand only ) as 1<sup>st</sup> instalment for implementation of the PP.Nos.19.13, 19.14, 19.15, 19.17 and 19.18 to the Director of Horticulture and Plantation Crops, under National Agriculture Development Programme / Rashtriya Krishi Vikas Yojana for the year 2021-22 as the 1<sup>st</sup> instalment release subject to the condition that under no circumstances any deviation from the decision of the State Level Sanctioning Committee is permitted. The funding pattern of the scheme is 60:40 sharing basis between the Central and State Governments.

10. The amount sanctioned in the para.9 above shall be debited to the Heads of account annexed to this order.

11. The Director of Horticulture and Plantation Crops is authorized to draw the fund sanctioned and permit him to transfer the funds to the Single Nodal Account as per the new procedure of fund flow through Public Financial Management System (PFMS) issued by Government of India for implementing the projects.

12. The Director of Horticulture and Plantation Crops is permitted to fix the physical target based on the need and potential of the districts. Necessary relaxation of quarterly funds is given to the Director of Horticulture and Plantation Crops for the effective implementation of the schemes in time.

13. The Director of Horticulture and Plantation Crops is directed to implement the announcements made by the Hon'ble Minister for Agriculture and Farmers Welfare during Budget Session for the year 2021-2022 scrupulously.

14. The Director of Horticulture and Plantation Crops should personally oversee and ensure the technical, quality control and reasonableness of rates and estimates of the implementation of the schemes.

15. The Director of Horticulture and Plantation Crops shall observe the comments / suggestions of State Level Sanctioning Committee while implementing the projects.

16. The Director of Horticulture and Plantation Crops is directed to follow the respective Operational Guidelines and Executive Guidelines annexed to this order and the conditions stipulated at para.8 of the Government of India letter 4<sup>th</sup> read above while implementing the schemes.

17. The Tamil Nadu Watershed Development Agency which is the Nodal Agency, in consultation with the Head of Departments to prescribe benchmarks for outcomes, milestones with time lines and monitor the outcomes through RDMIS to ensure that they are adhered to by the implementing departments.

18. The Executive Director, Tamil Nadu Watershed Development Agency is requested to send the monthly progress report to the Government of India, in the prescribed format by 10<sup>th</sup> of the subsequent month under intimation to this Government without fail.

19. This order issues with the concurrence of the finance Department vide its U.O.No.41416/Fin(Agri&FW)/2021, dated 13.10.2021.

(BY ORDER OF THE GOVERNOR)

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

To

The Director of Horticulture and Plantation Crops, Chennai -5.

The Director of Agriculture, Chennai - 5.

The Chief Engineer (Agricultural Engineering), Chennai -35.

The Commissioner of Agricultural Marketing & Agri-Business, Chennai -32.

The Director of Seed Certification & Organic Certification, Coimbatore-13.

The Additional Chief Secretary / Commissioner of Sugar, Chennai-35.

The Executive Director, Tamil Nadu Watershed Development Agency, Chennai-32.

The Secretary, Government of India, Ministry of Agriculture and Farmers Welfare,  
Department of Agriculture, Cooperation & Farmers Welfare, Krishi Bhavan,  
New Delhi -110 001.

The Secretary, Government of India, Ministry of Agriculture and Farmers Welfare,  
Department of Animal Husbandry, Krishi Bhawan, New Delhi -110 001.

The Adviser (Agriculture), Planning Commission, Government of India, Yojana  
Bhawan, Sansad Marg, New Delhi-110 001.

The Professor and Head (CPME), National Institute of Rural Development, Ministry  
of Rural Development, Government of India, Rajendra Nagar, Hyderabad- 500 030.

The Principal Secretary to Government, Animal Husbandry, Dairying and Fisheries  
Department, Chennai-9.

The Member-Secretary, State Planning Commission, Chennai-5

All District Collectors.

The Pay and Accounts Officer, Chennai - 8/ Chennai - 35/Chennai -1.

The Treasury Officer / Sub-Treasury Officer concerned.  
The Principal Accountant General (AE / Audit), Chennai - 18.  
The Principal Accountant General (G&SSA), Chennai - 18.  
The Principal Accountant General (E&RSA), Chennai - 18.  
The Resident Audit Officer, O/o Principal Accountant General (General and Social Sector Audit), Chennai - 9.

**Copy to:**

The Senior Private Secretary to the Agricultural Production Commissioner and Secretary to Government, Chennai - 9.  
The Finance (Agri & FW) Department, Chennai - 9.  
The connected file No.19507/AP1/2021.  
Spare Copies / Stock Files.

//FORWARDED / BY ORDER//

10. சிவசுப்பிரமணியன்  
13/10/21  
SECTION OFFICER  
13/10/21

**ANNEXURE - I**

**(G.O.(2D) No.155, Agriculture and Farmers Welfare (AP1)  
Department, Dated 13.10.2021)**

(Rs.in lakh)

Sl. No	Category	Detailed head	Amount sanctioned
1	General (GOI share)	2401-00-Crop Husbandry-119 –Horticulture and Vegetable Crops – Schemes Shared between State and Centre – UE – National Agriculture Development Programme (NADP-RKVY) – Horticulture Department- 311 Subsidies- 01- Individual Based Subsidy <b>(IFHRMS DPC 2401-00-119-UE-31101)</b>	1253.68
2	General (State share)	2401-00-Crop Husbandry-119 –Horticulture and Vegetable Crops – Schemes Shared between State and Centre – UK – National Agriculture Development Programme (NADP-RKVY) – Horticulture Department – State Share - 311 Subsidies- 01- Individual Based Subsidy <b>(IFHRMS DPC 2401-00-119-UK-31101)</b>	835.78
		<b>Sub-total</b>	<b>2089.46</b>
3	SCSP (GOI share)	2401-00-Crop Husbandry-793–Special Central Assistance for Scheduled Caste Component Plan–Schemes Shared between State and Centre – UO – National Agriculture Development Programme (NADP-RKVY) under Special Component Plan - Horticulture Department- 311 Subsidies - 01 Individual Based Subsidy <b>(IFHRMS DPC 2401-00-793-UO-31101)</b>	298.48
4	SCSP (State share)	2401-00-Crop Husbandry – 793 – Special Central Assistance for Scheduled Caste Component Plan – Schemes Shared between State and Centre – VI – National Agriculture Development Programme (NADP-RKVY) under Special Component Plan - Horticulture Department – State Share - 311 Subsidies - 01 Individual Based Subsidy <b>(IFHRMS DPC 2401-00-793-VI-31101)</b>	198.98
		<b>Sub-total</b>	<b>497.46</b>
5	TSP (GOI share)	2401-00-Crop Husbandry-794 – Special Central Assistance for Tribal Sub-Plan - UO- National Agriculture Development Programme (NADP-RKVY)–Horticulture Department - 311 Subsidies- 01 Individual Based Subsidy <b>(IFHRMS DPC 2401-00-794-UO-31101)</b>	5.53
6	TSP (State share)	2401-00-Crop Husbandry-794 – Special Central Assistance for Tribal Sub-Plan – VG - National Agriculture Development Programme (NADP-RKVY) – Horticulture Department – State Share - 311 Subsidies - 01 Individual Based Subsidy <b>(IFHRMS DPC 2401-00-794- VG - 31101)</b>	3.68
		<b>Sub-total</b>	<b>9.21</b>
		<b>Total</b>	<b>2596.13</b>

**Component-wise category-wise fund requirement for the released amount of Rs. 2596.13 lakh**

(Rs. in lakh)							
S. No	Name of the Project	Total phy	Total fin	1 <sup>st</sup> instl	General	SC	ST
1	Promotion of Choice Horticulture crops of demand like Moringa, Onion, Greens, Palmyra, Mangosteen, Strawberry, Fig, Annona, Dragon fruit to raise the income of farmers	7170 Ha, 1 lakh numbers	1200.00	600.00	482.90	114.97	2.13
2	Promotion of Banana Bunch Sleeves as a Special Practice for increasing marketability in banana and Pandal structure for increased yield under Horticulture crops requiring support	1638 Ha	1400.00	700.00	563.38	134.13	2.48
3	Promotion of Organic Cultivation in vegetables by incentivizing organic production and Certification	40,000 Ha	2000.00	1000.00	804.83	191.62	3.55
4	Popularization of new improved hybrids and varieties released by TNAU in Horticultural crops like Brinjal, Papaya, Amaranthus, Gourds, Tomato, Star jasmine and <i>Solanum nigrum</i>	1000 Ha	192.25	96.13	77.37	18.42	0.34
5	Promotion of soil nutrient health to enable cultivation of vegetables in Zero vegetable villages	1250 Ha	400.00	200.00	160.97	38.32	0.71
	<b>Total</b>		<b>5192.25</b>	<b>2596.13</b>	<b>2089.46</b>	<b>497.46</b>	<b>9.21</b>

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

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10. 21085151  
13/10/21  
SECTION OFFICER  
13/10/21



## **ANNEXURE II**

**(G.O.(2D) No.155, Agriculture and Farmers Welfare (AP1)**

**Department, dated 13.10.2021)**

### **IMPLEMENTATION GUIDELINES FOR 2021-22 National Agriculture**

**Development Programme for Department of Horticulture and Plantation crops**

**Government of Tamil Nadu**

#### **General guidelines:**

1. The beneficiary selection should be done mainly through Priority register and Uzhavan App.
2. Application Mela should be fixed in every block by 7 days of communication of the targets.
3. The Joint / Deputy Director of Horticulture in the district is the implementing head in implementation of every component in the right direction.
4. The Assistant Director of Horticulture in the block is the accepting authority for the selection of beneficiary in implementing the scheme.
5. The Assistant Horticulture Officer and the Horticulture Officer of the block are jointly responsible for the selection of farmers after ascertaining their social status / category, gender with all the eligibility norms.
6. The selected farmer should have own land/ leased land (10 years registered lease) to the eligible extent to avail the benefit of the scheme.
7. The selected farmer should be an account holder with any of the nationalized /scheduled / co-operative banking organizations in order to facilitate the Direct Benefit Transfer (DBT) through Public Finance Management System (PFMS) of Government of India or through Electronic Clearing Service (ECS).
8. The selected farmer should have enrolled himself in the Unique Identification Authority of India (UIDAI) programme of Government of India and should link his Aadhar number with his bank account (Aadhar seeded beneficiary).
9. The selected beneficiary should produce evidence towards his residence proof apart from Aadhar, i.e., either Ration Card / Voter ID / Driving license / Passport / or any other proof of residence issued by the Competent Authority.

10. Providing benefit to the same farmer should be avoided. The subsidy availed by the farmer in the previous years in all schemes should be verified before processing, to avoid repetition.
11. All farmers are eligible. Priority is to be given for SF/MF/SC/ST/Women and other farmers.
12. Farmers have to make their own arrangement for transportation of planting material since no provision is available for the same in the scheme.
13. The due cash assistance should be extended to the beneficiary after getting satisfied with all the scheme activities in the field by adopting DBT method through Public Finance Management System (PFMS) /Electronic Clearing Service (ECS) to his/her bank account directly avoiding any other means of transaction.
14. If the selected farmer does not adhere to the timeline, notice is to be issued to the concerned beneficiary followed by issuance of cancellation order. Justification for elimination should be recorded and new beneficiary should be selected following Uzhavan App and Priority Register.
15. The planting material should be sourced only from the State Horticulture Farm (SHF). If it is not available in the SHF, it should be sourced from any Government farms / State Agricultural Universities (SAUs) / Krishi Vigyan Kendras (KVKs) or any other accredited nursery in the country or by farmer himself with the supervision of the district officials to confirm its quality.
16. The online billing for the planting materials should be done on the same day, it was distributed to the farmers.
17. The assistance for the inputs like fertilizers, plant protection chemicals, etc., should be provided as back ended subsidy to the concerned beneficiary
18. For infrastructure related projects, a Joint Inspection Team consisting of the concerned Joint/ Deputy Director of Horticulture (DDH), concerned block Assistant Director Horticulture (ADH), concerned Block Horticulture Officer (HO) and One Assistant Director Horticulture from other block should inspect and verify the infrastructure creation before release of the fund.
19. All the assets created under National Agriculture Development Programme (NADP) should be geo tagged (any asset with unit subsidy value more than Rs.1,000/-) by using BHUVAN – RKVY mobile application which is mandatory.

20. The fund allocation is to be made in General, SC and ST categories without any deviation
21. Assistant Horticulture Officer (AHO)/ Deputy Horticulture Officer (Dy HO)/ Horticulture Officer (HO) / Assistant Director Horticulture (ADH) of their area should ensure proper implementation of the scheme by field inspection at various stages.
22. Field photos should be taken before, during and post implementation of the scheme in the field for all the components with same landmarks.
23. The block officials should inspect the field, verify the Vouchers and Certify with page entry of various works submitted by the farmer and ensure that the items are found correct.
24. Follow up register should be maintained for each component and all the details should be recorded in this register.

## **II. Specific guidelines:**

The project wise specific guidelines are as follows:-

**I Promotion of Choice Horticulture crops of demand like Moringa, Onion, Greens, Palmyrah, Mangosteen, Strawberry, Fig, Annona and Dragon fruit to raise the income of farmers**

### **A. Promotion of Minor sub-tropical fruit crops:**

- Minor sub-tropical fruit crops like Persimmon, Rambutan, Strawberry, Kiwi fruit, Durian, Avocado, Mangosteen, Carambola, Mandarin orange, Passion fruit can be promoted.
- Necessary approval is to be obtained from Director of Horticulture and Plantation Crops if the fruit crop chosen is not in the list mentioned above.
- Planting materials should be sourced from the State Horticulture Farms only. If it is not available in State Horticulture Farms, it can be sourced from other Government sources after confirming its quality.
- Total cost – Rs.60,000/Ha.
- The maximum assistance permissible is Rs.30,000/Ha (50% subsidy) for planting materials, cultivation, inputs, INM/IPM, etc.,
- Each farmer can avail assistance for a maximum of 4 Ha.

### Crop 1: Avocado

- Spacing – 5mx5m
- Population - 400 plants per Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Supply of planting material - Cost of planting material @ Rs.25/ seedling	10000	10000	0
2.	Land Preparation, pitting, planting, Inter cultivation & irrigation	30000	10000	20000
3.	INM& IPM	20000	10000	10000
	<b>Grand Total</b>	<b>60000</b>	<b>30000</b>	<b>30000</b>

### Crop 2.Mangosteen

- Spacing – 7mx7m
- Population - 204 plants per Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Planting Material @Rs.100/ seedling	20400	20400	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	24600	5000	19600
3	INM & IPM	15000	4600	10400
	<b>Total</b>	<b>60000</b>	<b>30000</b>	<b>30000</b>

### Crop 3: Passion Fruit

- Spacing – 2mx2m
- Population - 2500 plants per Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material@Rs.10/seedling	25000	25000	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	25000	2500	22500
3	INM & IPM	10000	2500	7500
	<b>Total</b>	<b>60000</b>	<b>30000</b>	<b>30000</b>

### Crop 4: Kiwi fruit

- Spacing – 5mx5m
- Population - 400 plants per Ha

S. No	Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material@Rs.75/cutting	30000	30000	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	20000	0	20000
3	INM & IPM	10000	0	10000
	<b>Total</b>	<b>60000</b>	<b>30000</b>	<b>30000</b>

### B. Area expansion of Moringa

- **Total cost** – Rs.20,000/Ha
- **Subsidy** - 50%
- **Subsidy cost** – Rs.10,000/Ha for supply of Seedlings from State Horticulture Farms
- **Spacing** – 2.5mx2.5m
- **Population** – 1,600 plants per Ha
- **Eligibility:** A beneficiary will be eligible for a maximum of 2 Ha

S.No.	Name of the Component	Total cost (Rs./Ha)	Subsidy Amount (Rs./Ha)	Farmer Contribution (Rs/Ha)
1	Supply of planting materials- @ Rs.10/ seedling	16,000	10,000	6000
2	Land preparation, planting and intercultural operations	2,000	-	2000
3	INM/ IPM	2,000	-	2000
	<b>Total</b>	<b>20,000</b>	<b>10,000</b>	<b>10,000</b>

### C. Promotion of Palmyrah planting

- **Total cost** – Rs.100/seedling
- **Subsidy** - 50%
- **Subsidy cost** – Rs.50/seedling
- **Spacing** – 3 m between plants
- The Palmyrah seedlings should be procured from the State Horticulture Farms only
- If the planting material is not available in the SHFs, it should be procured from other sources after confirming its quality

### D.Onion development programme - area expansion

#### Cultivation subsidy for area expansion of Big and small Onion (40%)

- Total cost – Rs.50000/- per Ha
- Subsidy – 40 %

- Subsidy amount - Rs.20000 per Ha
- Maximum eligibility – 2 Ha per farmer
- In case of non-availability of Onion seeds/seedlings in State Horticulture Farms,it can be procured from other sources after ascertaining the quality.
- The assistance for the seeds and inputs like fertilizers, plant protection chemicals, etc should be provided as back ended subsidy to the concerned beneficiary

S. No	Components	Total cost (Rs./Ha)	Subsidy amount (Rs./Ha)	Farmer contribution(Rs./Ha)
1	Ploughing, Formation of Ridges and Furrows for Normal Cultivation and Beds for Drip Irrigation	19000	0	19000
2	Seed/ Bulbs of Hybrid and improved varieties	11000	11000	0
3	Planting	2000	0	2000
4	INM/IPM	10000	9000	1000
5	Irrigation and harvesting	8000	0	8000
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

#### E. Promotion of Green leafy Vegetables

Green leafy Vegetables like Amaranthus, Palak, Ponnanganni, Mint, Pulichakeerai, Agathi, etc.,will be promoted under this scheme.

- Total cost – Rs.20000/- per Ha
- Subsidy – 50 %
- Subsidy amount - Rs.10000 per Ha
- Maximum eligibility – 2 Ha per farmer
- In case of non-availability of the direct sown vegetable seeds in State Horticulture Farms,the seeds can be procured from other sources after ascertaining the quality.
- The assistance for the seeds and inputs like fertilizers, plant protection chemicals, etc., should be provided as back ended subsidy to the concerned beneficiary

S. No	Components	Total cost (Rs.)	Subsidy amount (Rs.)	Farmer contribution (Rs.)
1	Ploughing, Formation Beds	5000	0	5000
2	Cost of Seeds/ cuttings of local varieties	2000	2000	0

3	INM/IPM	8000	5500	2500
4	Intercultural operations	5000	2500	2500
	<b>Total</b>	<b>20000</b>	<b>10000</b>	<b>10000</b>

#### F. Promotion of Minor tropical Fruits

- Minor tropical fruit crops like Fig, Jamun, Manila tamarind, Sapota, Annona, Ber, etc. should be promoted.
- Planting materials should be sourced only from State Horticulture Farms. If it is not available in State Horticulture Farms, it can be sourced from other Government sources after confirming the quality.
- Total cost – Rs.30,000/Ha
- The maximum assistance permissible is Rs.15,000/Ha (50% subsidy)
- Each farmer can avail a maximum of 4 Ha.

#### Crop 1: Fig

- Spacing – 4mx4m
- Population - 625 plants per Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.20/ rooted cutting	12500	12500	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	10000	0	10000
3	INM & IPM	7500	2500	5000
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

#### Crop 2: Jamun

- Spacing – 10mx10m
- Population - 100 plants per Ha

S.No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @ Rs.50/graft	5000	5000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	15000	5000	10000
3	INM & IPM	10000	5000	5000
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

### Crop 3. Manila Tamarind

- Spacing – 6mx6m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 277 plants per Ha

S.No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.40/graft	11080	11080	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	10000	0	10000
3	INM & IPM	8920	3920	5000
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

### Crop 4: Sapota

- Spacing – 8mx8m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 156 plants per Ha

S. No	Name of the Component	Total cost (Rs/ Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - Rs.40/graft	6240	6240	0
2	INM&IPM	8000	3760	4240
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	15760	5000	10760
	<b>Grand Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

### Crop 5: Annona

- Spacing – 5mx5m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 400 plants per Ha

S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material: Annona squamosa @ Rs.10/seedling	4000	4000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	18000	5000	13000
3	INM & IPM	8000	6000	2000
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>



S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material: Annona muricata @ Rs.25/seedling	10000	10000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	13000	2500	10500
3	INM & IPM	7000	2500	4500
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

#### Crop 6: Amla

- Spacing – 6mx6m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 277 plants per Ha

S.No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.30/graft	8310	8310	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	11690	2500	9190
3	INM & IPM	10000	4190	5810
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

#### Crop 7: Tamarind

- Spacing – 8mx8m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 156 plants per Ha

S.No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.20/ graft	3120	3120	0
2	Land Preparation, pitting, planting, irrigation&Inter- cultural operations	16000	5000	11000
3	INM & IPM	10880	6880	4000
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

#### Crop 8: Apple ber

- Spacing – 10mx10m
- Subsidy - 50% limited to Rs.15,000/- per Ha
- Population - 100 plants per Ha

S.No	Name of the Component	Total cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.70/ graft	7000	7000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	10000	2500	7500
3	INM & IPM	13000	5500	7500
	<b>Total</b>	<b>30000</b>	<b>15000</b>	<b>15000</b>

### G. Promotion of Dragon Fruit

- Total cost – Rs. One Lakh per Ha
- Subsidy – 50 % subsidy limited to an amount of Rs.50,000/- per Ha
- Extended as back ended subsidy.
- Maximum eligibility – 2.00 Ha per farmer
- Spacing – 3mX 3m
- Population –4,444 plants per Ha (4 cuttings/support)

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Supply of planting material – 4,444@ Rs.80/cutting is Rs.3,55,520 (limited to Rs.1,00,000)	100000	50000	50000
	<b>Total</b>	<b>100000</b>	<b>50000</b>	<b>50000</b>

- The component-wise cost mentioned under this project is indicative only

## II Promotion of Banana Bunch Sleeves as a Special Practice for increasing marketability in banana and Pandal structure for increased yield under Horticulture crops requiring support

### A. Promotion of Banana Buch Sleeves practice in Banana for increasing marketability

- Total cost – Rs.25000/- per Ha
- Subsidy – 50 % subsidy limited to an amount of Rs.12500/- per Ha with the standing population of 2500 trees/Ha
- Extended as back ended subsidy
- Maximum eligibility – 2 Ha per farmer

## B. Support for permanent Pandal system

- **Implementing districts:** All districts
- **Total cost** – Rs.4 lakh/ Ha
- **Subsidy** – 50% (Rs.2 lakh/ha)
- **Crops like** Bitter gourd, snake gourd, ribbed gourd, bottle gourd, chow – chow, pandal avarai, peas, pole beans, butter beans, coccinea, Grapes, Dragon fruit, Kiwi fruit, Passion fruit, etc. are eligible
- **Subsidy:** 50% as Back Ended Subsidy for the Pandal structure

<b>Structure</b>	<b>Components</b>	<b>Subsidy Amount (Rs./ Ha)</b>
New Pandal for all Horticulture crops	Seed cost	5,600
	Pandal structure(Stone/ Cement pillar)	1,94,400
	<b>Total</b>	<b>2,00,000</b>

### District Joint Inspection Team (JIT)

- JIT Team should be constituted with the following officials and the specified parameters should be followed scrupulously during the inspection.
- Joint Director of Horticulture (JDH) / Deputy Director of Horticulture (DDH) as the Head of the Team along with concerned Block Assistant Director of Horticulture (ADH), Horticulture Officer (HO) and one ADH from other Block should jointly inspect and verify the Permanent Pandal Structures.

## III Promotion of Organic cultivation in Vegetables

### Eligibility & Modalities:

1. All the farmers who grow the Vegetable crops organically are eligible.
2. Priority will be given to SF/MF and Women farmers.
3. The farmers under both National Programme for Organic Production (NPOP) Certification and Participatory Guarantee System (PGS) certification are eligible.
4. The farmers can avail the incentives/inputs by providing a Proof of registration made in TRACENET/Bill copy for registering in TRACENET/Copy of Organic certificate/ Scope certificate along with Application form and relevant documents in case NPOP Certification.

5. In case of PGS certification, the farmers can avail the incentives/inputs by providing a copy of Scope certificate/ Organic certificate generated in PGS portal.
6. Each farmer can avail the subsidy to a maximum of 4 Ha. (Single or a combination of the Vegetable crops)
7. Incentives/inputs will be provided to the farmers with Organic fields either in conversion period or organically certified directly through Direct Benefit Transfer for the worth of Rs.5000/- per Ha per year.

**IV Popularization of new improved hybrids and varieties released by TNAU in Horticultural crops like brinjal, Papaya, Amaranthus, Gourds, Tomato, Star jasmine and Solanum nigrum**

Only the TNAU varieties and hybrids indicated in the guidelines can be promoted under this programme

**A.Manathakkali (Solanum nigrum)-Variety- Co.1**

- Total cost - Rs.25,000/Ha
- Subsidy – 40% (Rs.10,000/Ha)
- Maximum eligibility – 2 Ha per farmer

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds (250g/Ha)	1000	1000	0
2	FYM/Vermicompost	10000	3000	7000
3	INM/IPM	4000	3500	500
4	Land Preparation, sowing, irrigation & Inter- cultural operations	10000	2500	7500
	<b>Total</b>	<b>25000</b>	<b>10000</b>	<b>15000</b>

**B.Star Jasmine(Jasminum nitidum) Co-1**

- Total cost - Rs.40,000/Ha
- Subsidy – 40% (Rs.16,000/Ha)
- Planting materials should be procured from the State Horticulture Farms (SHF) only. If it is not available in SHFs, it should be procured from TNAU/other Government sources only
- Spacing – 2mx1.5m
- Population - 3333 plants per Ha
- Maximum eligibility – 2 Ha per farmer

S. No	Name of the component	Total cost (Rs./Ha)	Subsidy Amount (Rs./Ha)	Farmer contribution (Rs./Ha)
1	Cost of planting material (3333 @ Rs.15/- = Rs.49,995/-) limited to 40,000	40000	16000	24000
	<b>Total</b>	<b>40000</b>	<b>16000</b>	<b>24000</b>

### C.Papaya- Co-8

- Total cost – Rs.45000 /Ha
- subsidy (50%) – (Rs.22500/Ha)
- Spacing – 1.8mx1.8m
- Population - 3086 plants per Ha
- Maximum eligibility – 2 Ha per farmer
- The seedlings should be procured from the State Horticulture Farms only.

S. No	Name of the Component	Total cost (Rs/ Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material@ Rs.10/ seedling	30860	22500	8360
2	INM&IPM	7000	0	7000
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	7140	0	7140
	<b>Grand Total</b>	<b>45000</b>	<b>22500</b>	<b>22500</b>

### D. Vegetables

#### I.Promotion of vegetables through Protray seedlings

Only the following TNAU varieties and hybrids can be promoted - **Brinjal (Co-1)** and **PLR-2, Tomato-Co(Hy)-4**

- Total cost - Rs.50,000/Ha
- Subsidy – 40% (Rs.20,000/Ha)
- Should be distributed only as protray seedlings.
- Maximum eligibility – 2 Ha per farmer

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Vegetable seedlings – Rs.1/ seedling	20000	20000	0
2	INM/IPM	9000	0	9000
3	Land Preparation, planting, irrigation & Inter- cultural operations	21000	0	21000
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

- The protray seedlings should be procured from the State Horticulture Farms only.

## II. Promotion of Vegetables through seeds:

Only the following TNAU varieties and hybrids can be promoted-Amaranthus-PLR1,Bhendi-Co(BH)-4, Bottle gourd-PLR-2,Snake gourd-PLR-2 & Co (Hy)-1

- Total cost - Rs.50,000/Ha
- Subsidy – 40% (Rs.20,000/Ha)
- Maximum eligibility – 2 Ha per farmer
- The balance subsidy amount available after purchase of seeds should be provided for INM/IPM, land preparation, inter-cultivation, irrigation, etc.,

### a)Amaranthus -PLR 1:

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds (2.5 Kg/Ha)	1250	1250	0
2	FYM/Vermicompost	16000	8750	7250
3.	INM/IPM	10000	5000	5000
4	Land Preparation, sowing, irrigation &Inter- cultural operations	22750	5000	17750
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

### b)Bhendi-Co(BH)-4

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds(2.5Kg/Ha)	5000	5000	0
2	FYM/Vermicompost	10000	8000	2000
3	INM/IPM	5000	2000	3000
4	Land Preparation, planting, irrigation &Inter- cultural operations	30000	5000	25000
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

### c) Bottle gourd-PLR-2:

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds(1.5Kg/Ha)	2250	2250	0
2	FYM/Vermicompost	10000	5000	5000
3	INM/IPM	10000	5250	4750
4	Land Preparation, planting, irrigation &Inter- cultural operations	27750	7500	20250
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

d) Snake gourd

1.PLR-2

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds(1.5Kg/Ha)	2250	2250	0
2	FYM/ Vermicompost	10000	5000	5000
3	INM/IPM	10000	5250	4750
4	Land Preparation, planting, irrigation &Inter-cultural operations	27750	7500	20250
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

2.Co (Hy)-1

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds(1.5Kg/Ha)	4500	4500	0
2	FYM/ Vermicompost	15000	5000	10000
3	INM/IPM	5000	3000	2000
4	Land Preparation, planting, irrigation &Inter-cultural operations	25500	7500	18000
	<b>Total</b>	<b>50000</b>	<b>20000</b>	<b>30000</b>

- The component-wise cost mentioned under this project is indicative only

**V.Promotion of soil nutrient health to enable cultivation of vegetables in Zero vegetable villages**

- Total cost - Rs.80,000/Ha
- Subsidy – 40%
- Assistance - Rs.32,000/Ha

**Eligibility & Modalities**

- Villages with less than 1 Ha Vegetable area or zero vegetable area should be selected.
- Through proper soil amendment, the problematic areas like saline, acidic, alkaline soils, etc., should be made suitable for vegetables cultivation.
- In case of Villages that can be brought into Vegetables cultivation only through soil amendment, the assistance should be provided as follows:-

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seedlings	20000	20000	0
2	Chisel ploughing/ Deep ploughing and Application of FYM/ Vermicompost & Mixing in soil using Rotavators	10000	5000	5000

3	Green manuring	3000	2000	1000
4	Soil test & Soil amendment (based on soil type)	20000	5000	15000
5	Land Preparation, planting, irrigation & Inter- cultural operations, Harvesting	27000	0	27000
	<b>Total</b>	<b>80000</b>	<b>32000</b>	<b>48000</b>

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Amount (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seeds	10000	10000	0
2	Chisel ploughing/ Deep ploughing and Application of FYM/ Vermi-compost & Mixing in soil using Rotavators	10000	5000	5000
3	Green manuring	3000	2000	1000
4	Soil test & Soil amendment (based on soil type)	20000	5000	15000
5	Land Preparation, planting, irrigation & Inter- cultural operations, Harvesting	37000	10000	27000
	<b>Total</b>	<b>80000</b>	<b>32000</b>	<b>48000</b>

- The component-wise cost mentioned above is indicative only
- A beneficiary will be eligible for a maximum of 2 Ha
- The required protray seedlings should be procured from the State Horticulture Farms only
- In case of direct sown vegetables like Gourds, cluster bean, Amaranthus, Bhendi, etc., the required seeds should be procured only from State Horticulture Farms
- In case of non-availability of the direct sown vegetable seeds in State Horticulture Farms, the seeds can be procured from other sources after ascertaining the quality.
- The balance subsidy amount available after purchase of seeds should be provided for INM/IPM, land preparation, inter-cultivation, irrigation, soil amendment as back ended assistance.



## Documentation

- A spiral booklet must be maintained by the district officers for Permanent Pandal system and the various stages of the work should be recorded.
- Component wise success stories should be maintained in each block by recording the yield and income of the farmer in all stages and it should be sent to Director of Horticulture and Plantation Crops.
- A follow up register should be maintained beneficiary-wise and the yield, income generated, etc and other parameters should be recorded
- The farmer should place display board in front of the field. The Emblem of Government of Tamil Nadu and National Agriculture Development Programme (NADP) should be indicated in the following format mentioned below.
- After erection of the board, a photograph with beneficiary farmer should be taken and affixed in the beneficiary/ Follow up register

### **Department of Horticulture & Plantation Crops Financial Assistance by NADP –2021-22**



Farmer Name

Component :

S/o

Phy Area:

Village/Survey No

Value of the Work: Rs

Block/District

Assistance Given: Rs.

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

//TRUE COPY//

10. 2/05/21  
13/01/21  
SECTION OFFICER  
13/11/21

