



**NATIONAL AGRICULTURE DEVELOPMENT PROGRAMME (NADP)/
*RASHTRIYA KRISHI VIKAS YOJANA (RKVY)***

DRAFT IMPLEMENTATION GUIDELINES FOR 2022-23

**Department of Horticulture and Plantation crops
Government of Tamil Nadu**

General guidelines:

1. The beneficiary selection should be done only through online mode (<https://www.tnhorticulture.tn.gov.in/tnhortnet/login.php>)
2. Propaganda campaign should be fixed in every block within 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 ascertaining their social status / category, gender with all the eligibility norms
6. The selected farmers should have own land/ leased land (10 years registered lease) to the eligible extent to avail the benefit of the scheme.
7. The selected farmers should be an active account holder with any of the nationalized /scheduled / co-operative banking organizations in order to facilitate the DBT (Direct Benefit Transfer)
8. The selected farmer should have enrolled himself in the UIDAI (Unique Identification Authority of India) 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 ie., 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.
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) 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 as per seniority
15. Procurement of Bio inputs / Organic manures / Chemicals etc., should be done from Govt. / Private source by following the tender procedures.

16. The online billing for the planting materials should be done on the same day, it was distributed to the farmers.
17. The maximum eligibility of a farmer to avail assistance under area expansion of fruit crops, spice crops, Plantation crops is 4 Ha and 2 Ha for area expansion of Vegetable crops & flower crops, 2 Ha for Precision farming programme and distribution of AESA traps, 4 Ha for organic farming, 1 Ha for Permanent Pandal, Trellis and 4000 Sq.m for weed mat.
18. Assistance should be provided to farmer as back ended subsidy after confirming its quality for the following crops: Turmeric, Ginger, Sweet potato, Garlic and Tuberose and distribution of traps
19. Planting materials and seeds should be sourced from the State Horticulture Farms only. If it is not available in the State Horticulture Farms, it can be sourced from other Government /private sources after confirming its quality
20. In case of area expansion, the component-wise cost mentioned in the table is indicative only. The balance amount available after supply/purchase of planting materials can be provided for INM/IPM & other cultivation expenses. However, the maximum eligible subsidy per unit should not exceed the amount mentioned.
21. Projects mentioned in S.no.1 to S.no.4, S.no.6, S.no.9, S.no.10, S.no.11 can be implemented in all districts except Chennai. With regard to S.no.5, the 2nd and 3rd yr programme can be implemented in all districts except Chennai and the 1st year programme is to be implemented in the following Non-NHM districts viz. Kancheepuram, Chengalpet, Tiruvallur, Tiruvannamalai, Namakkal, Karur, Tiruvarur, Nagapattinam, Virudhunagar and Tuticorin
22. The fund allocation is to be made in General, SC and ST categories without any deviation
23. For infrastructure related projects (Permanent Pandal System), a Joint Inspection Team constituting of the concerned Joint/ Deputy Director of Horticulture, concerned block Assistant Director Horticulture, concerned Block Horticulture Officer and One Assistant Director Horticulture from other block should inspect and verify the infrastructure creation before release of fund.
24. All the assets created under 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 for fund release.
25. Field photos should be taken before, during and post implementation of the scheme in the field for all the components with geo-coordinates
26. ADH/HO/ DyHO/AHO of their area should ensure the proper implementation of the scheme by field inspection at various stages
27. 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.

28. Follow up register should be maintained for each component beneficiary-wise and the yield, income generated, etc and other parameters should be recorded.
29. A spiral booklet must be maintained by the district officers for Permanent Pandal system and the various stages of the work should be recorded.

NADP projects 2022-23

The following projects have been approved for implementation under National Agriculture Development Programme for the year 2022-23:

S. No	Project	Fin (in lakh)
1	Promotion of Crop diversification programme to increase the profitability of the Paddy farmers by cultivating remunerative Horticultural crops	1600.00
2	Promotion of specific Horticulture crops of demand like Moringa, Onion, Garlic, Avocado, Mangosteen to raise the income of farmers	1050.00
3	Assistance for supporting and special structures to increase the profitability of Horticultural produce	1234.00
4	Revival of traditional vegetable crops in Crop specific zones of Tamil Nadu	200.00
5	Promotion of Organic cultivation of Horticultural crops in Tamil Nadu	2050.00
6	Popularization of IIHR and TNAU varieties of Horticultural crops in Tamil Nadu	150.00
7	Establishment of infrastructure facilities at Horticultural Training and Research Centre, Thally, Krishnagiri District	350.00
8	Upgradation of infrastructure facilities in the State Horticulture Farms	196.85
9	Increasing the productivity of Horticultural crops through adoption of Precision farming programme	1500.00
10	Cashew Area Expansion to uplift the livelihood of farmers	240.00
11	Promotion of Agro - Eco System Analysis (AESA) based Integrated Pest Management in Horticultural crops	130.00
	Total	8700.85

Specific guidelines:

The project wise specific guidelines are as follows:

I. Promotion of Crop diversification programme to increase the profitability of the Paddy farmers by cultivating remunerative Horticultural crops

- Assistance should be extended for Crop diversification from Paddy/ other field crops to Horticultural crops indicated in the guidelines
- The Horticultural crop cultivated should be brought into Adangal/ e-adangal before release of subsidy. JDH/DDH to ensure it before release of subsidy.

1.Area expansion – Banana (Spacing – 1.8mx1.8m = 3086 plants per Ha):

- Total cost - Rs.87,500/Ha; I year cost (75%)– Rs.65,625/Ha;
1st year subsidy – 40% (Rs.26,250/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Planting material - (Rs.10/ Banana suckers)	38570	30860	26250	4610
2	INM&IPM	18930	9765	0	9765
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	30000	25000	0	25000
	Grand Total	87500	65625	26250	39375

2.Area Expansion – Mango (Spacing – 10mx10m = 100 plants per Ha)

- Total cost – Rs.25,500/Ha; I year cost (60%) - Rs.15,300/Ha
1st year Subsidy (40%) - Rs.6120/Ha

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - (Rs.70/ approach graft)	9450	7000	6120	880
2	INM&IPM	6050	3300	0	3300
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	10000	5000	0	5000
	Grand Total	25500	15300	6120	9180

3. Area expansion – Guava (Spacing – 6mx6m = 277 plants per Ha)

- Total cost - Rs.38340/Ha ; I year cost (60%)– Rs.23,004/Ha
I year subsidy – 40% (Rs.9202/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting materials- @ Rs.30/ layer	11220	8310	8310	0
2	INM&IPM	18780	9000	892	8108
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	8340	5694	0	5694
	Grand Total	38340	23004	9202	13802

4.Area expansion - Lime/Lemons Spacing – 4mx4.5m = 555 plants per Ha

- Total cost - Rs.54980/Ha ; I year cost (60%) – Rs.32988/Ha
I year subsidy (40%) - Rs.13195/Ha

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Cost of planting material @ Rs.10/ seedling	7480	5550	5550	0
2	INM&IPM	20000	12438	5145	7293
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	27500	15000	2500	12500
	Grand Total	54980	32988	13195	19793

5. Area expansion – Pomegranate (Spacing – 5mx5m = 400 plants per Ha)

- Total cost - Rs.48,000/Ha ; I Year cost (60%) – Rs.28,800/Ha
I year Assistance – 40% (Rs.11,520/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - @Rs. 30/layer	16200	12000	11520	480
2	INM&IPM	11800	6800	0	6800
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	20000	10000	0	10000
	Grand Total	48000	28800	11520	17280

Crop 6: Sapota (Spacing – 8mx8m = 156 plants per Ha)

- Total cost - Rs.45400/Ha ; I Year cost (60%)– Rs.27,240/Ha
I year Assistance – 40% (Rs.10896/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - Rs.60/graft	12600	9360	9360	0
2	INM&IPM	10000	7000	1536	5464
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	22800	10880	0	10880
	Grand Total	45400	27240	10896	16344

Crop 7: Amla (Spacing – 6 mx 6m = 277 plants per Ha)

- Total cost - Rs.60,000/Ha; I Year cost (50%)– Rs.30,000/Ha
I year Assistance – 60% (Restricted to Rs.14,400/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - Rs.40/graft	13880	11080	11080	0
2	INM&IPM	15520	6000	2070	3930
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	30600	12920	1250	11670
	Grand Total	60000	30000	14400	15600

Crop 8: Jamun (Spacing – 10 mx 10m = 100 plants per Ha)

- Total cost - Rs.60,000/Ha; I Year cost (50%)– Rs.30,000/Ha
I year Assistance – 60% (Rs.18,000/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - Rs.50/graft	6250	5000	5000	0
2	INM&IPM	20000	12000	10500	1500
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	33750	13000	2500	10500
	Grand Total	60000	30000	18000	12000

Crop 9: Custard apple (Spacing – 5mx5m = 400 plants per Ha)

- Total cost - Rs.60,000/Ha; I Year cost (50%)– Rs.30,000/Ha
I year Assistance – 60% (Rs.18,000/Ha)

S. No	Name of the Component	Total cost (Rs/Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material: Annona squamosa @ 10/seedling	5000	4000	4000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural	30000	14000	2500	11500
3	INM & IPM	25000	12000	11500	500
	Total	60000	30000	18000	12000

S. No	Name of the Component	Total cost (Rs/Ha)	I year cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material: Annona muricata @ Rs.25/seedling	12500	10000	10000	0
2	Land Preparation, pitting, planting, irrigation & Inter-	30000	12000	1250	10750
3	INM & IPM	17500	8000	6750	1250
	Total	60,000	3,0000	18000	12,000

Crop 10: Fruit crops like Water melon and Musk melon

- Total cost - Rs.20000/Ha ; Subsidy – 50% (Rs.10000/Ha)

S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Seeds	7500	7500	0
2	INM/IPM	3500	2500	1000
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	9000	0	9000
	Total	20000	10000	10000

Crop 11: Vegetables

11.1. Promotion of Protray Vegetable seedlings:

- Promoting Vegetables like Brinjal, Chillies, Tomato, Cabbage, etc in protrays.
- Total cost - Rs.50,000/Ha; Subsidy – 40% (Rs.20,000/Ha)

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seedlings – Rs.1/seedling	20000	15000	5000
2	INM/IPM	9000	5000	4000
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	21000	0	21000
	Total	50000	20000	30000

11.2. Promotion of Vegetables through seeds:

- Total cost - Rs.50,000/Ha; Subsidy – 40% (Rs.20000/Ha)
- Only crops like Bhendi, Radish, Onion, Greens, Lablab, Gourds, etc. can be promoted through seeds.

S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seeds	8000	8000	0
2	INM/IPM	12000	9500	2500
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
	Total	50000	20000	30000

11.3. Promotion of Vegetables like Sweet potato:

- Total cost - Rs.50,000/Ha; Subsidy – 40% (Rs.20000/Ha)

S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Planting materials – terminal vine cuttings	12,500	12,500	0
2	INM/IPM	6,000	5,000	1,000
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	31,500	2,500	29,000
	Total	50,000	20,000	30000

Crop 12: Area Expansion of Spice crops (Annuals)

- Total cost- Rs.30,000/Ha; Subsidy – 40% (Rs.12,000/Ha)

12.1. Seed spices – Chillies (protray seedlings)

- Assistance for supply of portray chilli seedlings from State Horticulture Farms

S. No	Name of the Component	Total cost (Rs/Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Hybrid seedlings (Rs.1/seedling)	12000	12000	0
2	INM/IPM	9000	0	9000
3	Land Preparation, planting, irrigation & Inter-cultural operations	9000	0	9000
	Grand Total	30000	12000	18000

12.2: Seed spices- Coriander (seeds)

S.No	Name of the component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Supply of Hybrid seed-Coriander 20kg/ ha	8000	8000	0
2	INM/IPM	8000	2750	5250
3	Land Preparation, planting, irrigation & Inter-cultural operations	14000	1250	12750
	Total	30000	12000	18000

12.3. Rhizomatic spices-Turmeric:

S. No	Name of the component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Supply of Seed Turmeric- 2000kg/ ha	40000	12000	28000
2	INM/IPM	10000	0	10000
3	Land Preparation, planting, irrigation & Inter- cultural operations	14000	0	14000
	Total	64000	12000	52000

12.4: Rhizomatic spices-Ginger:

S. No	Name of the component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Supply of Seed Ginger- 1500kg/ ha	30000	12000	18000
2	INM/IPM	10000	0	10000
3	Land Preparation, planting, irrigation & Inter- cultural operations	14000	0	14000
	Total	54000	12000	42000

Crop 13: Tamarind (Spacing – 8 mx8 m = 156 plants per Ha)

- Total cost- Rs.50,000/Ha ; Subsidy – 40% (Rs.20,000/Ha)

S. No	Name of the Component	Total cost (Rs/ Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting material - Rs.20/graft	3120	3120	0
2	INM&IPM	16880	14380	2500
3	Land Preparation, pitting, planting, irrigation & Inter-cultural operations	30000	2500	27500
	Grand Total	50000	20000	30000

Crop 14. Area Expansion of Flower crops**14.1. Annual flower crops -Marigold (Spacing – 45cm x 35 cm = 63492 plants per Ha)**

- Total cost - Rs.40000/Ha; Subsidy – 40% (Rs.16000/Ha)

S.No	Name of the Component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer contribution (Rs./Ha)
1	Supply of planting material- Cost of planting material 63492@ Rs.4/ seedling (limited to Rs. 40,000)	40000	16000	24000
	Total	40000	16000	24000

14.2. Bulbous flower crops (Tuberose):

- Total cost - Rs.1,50,000/Ha ; Subsidy – 40% (Rs.60,000/Ha)

S.No	Name of the component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer contribution (Rs./Ha)
1	Supply of planting material @ Rs.10/bulb	50,000	50000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	60000	0	60000
3	INM& IPM	40000	10000	30000
	Grand Total	150000	60,000	90000

II. Promotion of specific Horticulture crops of demand like Moringa, Onion, Garlic, Avocado, Mangosteen to raise the income of farmers

A. Promotion of Minor sub-tropical fruit crops:

- Minor sub-tropical fruit crops like Avocado, Mangosteen, Passion fruit, Kiwi fruit, Rambutan, Mandarin orange, Durian, Pear, Plum, Loquat, Litchi, Persimmon, Strawberry can be promoted.
- Necessary approval is to be obtained from DHPC if the fruit crop chosen is not in the list mentioned above.
- Total cost – Rs.60,000/Ha ; Assistance (50%) - Rs.30,000/Ha

Crop 1: Avocado (Spacing – 5mx5m = 400 plants per Ha)

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Supply of planting material - Cost of planting material @ Rs.30/ seedling	10000	10000	0
2.	Land Preparation, pitting, planting, Inter cultivation & irrigation	30000	2500	27500
3.	INM& IPM	20000	17500	2500
	Grand Total	60000	30000	30000

Crop 2. Mangosteen (Spacing – 7mx7m = 204 plants per Ha)

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Planting Material @Rs.50/ seedling	10200	10200	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	29800	2500	27300
3	INM & IPM	20000	17300	2700
	Total	60000	30000	30000

Crop 3: Passion Fruit (Spacing – 2mx2m = 2500 plants per Ha)

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (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
	Total	60000	30000	30000

Crop 4: Kiwi fruit (Spacing – 5mx5m = 400 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.20/Rooted cutting	8000	8000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	22000	19500	2500
	Total	60000	30000	30000

Crop 5: Rambutan (Spacing – 7mx10m = 143 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.10/seedling	1430	1430	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	28570	26070	2500
	Total	60000	30000	30000

Crop 6: Mandarin orange (Spacing – 5mx5m = 400 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.10/seedling	4000	4000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	26000	23500	2500
	Total	60000	30000	30000

Crop 7: Durian (Spacing – 10mx10m = 100 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.40/seedling	4000	4000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	26000	23500	2500
	Total	60000	30000	30000

Crop 8: Pear (Spacing – 6mx6m = 277 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (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	25000	2500	22500
3	INM & IPM	23920	16420	7500
	Total	60000	30000	30000

Crop 9: Plum (Spacing – 4mx4m = 625 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.40/budded plant	25000	25000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	20000	2500	17500
3	INM & IPM	15000	2500	12500
	Total	60000	30000	30000

Crop 10: Loquat (Spacing – 5mx5m = 400 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.15/seedling	6000	6000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	24000	21500	2500
	Total	60000	30000	30000

Crop 11: Litchi (Spacing – 10mx10m = 100 plants per Ha)

S. No	Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Cost of Planting Material @Rs.10/seedling	1000	1000	0
2	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
3	INM & IPM	29000	26500	2500
	Total	60000	30000	30000

B. Area expansion of Annual Moringa (Spacing – 2.5mx2.5m = 1,600 plants per Ha)

- Total cost – Rs.20,000/Ha, Subsidy (50%) - Rs.10,000/Ha

S.No.	Name of the Component	Total cost (Rs./Ha)	Subsidy (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
	Total	20,000	10,000	10,000

C. Area expansion of Perennial Moringa (Spacing – 6 mx 6 m = 277 plants per Ha)

- Total cost – Rs.50,000/Ha, Subsidy (40%) - Rs.20,000/Ha

S.No.	Name of the Component	Total cost (Rs./Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs./Ha)
1	Supply of planting materials- @ Rs.40/ air layer	11,080	11,080	0
2	Land preparation, planting and intercultural operations	20,000	2500	17,500
3	INM/ IPM	18,920	6420	12,500
	Total	50,000	20,000	30,000

D. Area expansion of Onion**Cultivation subsidy for area expansion of Big and small Onion (40%)**

- Total cost – Rs.50000/- per Ha, Subsidy (40 %)- Rs.20000 per Ha

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
	Total	50000	20000	30000

E. Area expansion of Garlic

- Total cost – Rs.40,000/- per Ha, Subsidy (50 %) - Rs.20,000 per Ha

S. No	Components	Total cost (Rs.)	Subsidy amount (Rs.)	Farmer contribution (Rs.)
1	Planting material (600 kg bulb/Ha- Cost of planting material@ Rs.200/kg (limited to Rs. 40,000)	40000	20000	20000
	Total	40000	20000	20000

III. Assistance for supporting and special structures to increase the profitability of Horticultural produces**A. Supporting structures for Horticultural crops - Permanent Pandal system**

- Total cost – Rs.4 lakh/ Ha, Subsidy – 50% (Rs.2 lakh/ha)
- Horticultural crops like Gourd vegetables, Beans, Peas, Grapes, Dragon fruit, Kiwi fruit, Passion fruit, etc. are eligible

Structure	Components	Subsidy (Rs./ Ha)
New Pandal for all Horticulture crops	Cost of planting material	5600
	Pandal structure (Stone/ Cement pillar)	1,94,400
	Total	2,00,000

B. Supporting structures for Horticultural crops - Trellis for French beans, tomato and other Horticultural crops

- Total Cost- Rs.50,000/Ha, Subsidy (50%) - Rs.25,000/Ha
- Material to be used: Bamboo/Wooden/Iron Pole with Steel wire

C. Special practice for Horticultural crops – Usage of Weed mats

- **Eligibility** – The farmers should have any standing Horticulture crop
- Cost of HDPE weed mat@100 GSM /Sq.m– Rs.42/ Sq.m, Subsidy(50%)-Rs.21/ Sq.m

IV.Revival of traditional vegetable crops in Crop specific zones of Tamil Nadu

Area and name- specific traditional fruits and vegetables are to be promoted.

For instance,

S.No	Crops	Traditional Varieties
1	Brinjal	Manaparai kathari, Sillikodi, Kanchi, Pattabiram, Varikathiri, Nanamedu Brinjal, Kottapatti, Kannadi Kathiri, Sevanthampatti, Paruval, Andarkulam, Valuthanangai, Mullu kathiri, punathalaka, pachakathiri, Etunali kathari, Padukai kathari local, Ponaithalai Kathari, Aalavayal, Sellukkudi, Annamalai, Pandiyur local, Periyakottai kathiri, Salur kathiri, Maranadu kathiri, Swamimalai kathiri, Ammayarkuppam Local, Kulasai kathiri
2	Cucurbitaceous vegetables	Midhipaagal, Palupaagal, Adhalakkai, Meraikkai, Hill gourd, Nattuvellari
3	Chilli	Kanthari chilli (White, Violet, Red)
4	Bean varieties	Yanaikadhuavarai, Attukombu avarai, Murungai beans, Naattu poriyalthattai, kozhi avarai
5	Tomato	Ananji Local, Tharuvai Thakkali, kuzhi thakkali

- **The above varieties are just indicative.** The farmer can choose the local vegetable variety specific to that area. But it must have distinctive features. The photos of each variety promoted should be documented along with characteristics by the concerned block officials and should be verified by JDH/ DDH during release of subsidy
- No notified varieties/ hybrids should be promoted under this programme
- Total cost – Rs.50,000/Ha, Subsidy (40%) -Rs.20,000/Ha

V. Promotion of Organic cultivation of Horticultural crops in Tamil Nadu**Eligibility & Modalities:**

- Farmers registered under NPOP Certification and PGS certification are eligible
- Farmer can avail the incentives/inputs of Rs.5,000/Ha (1st /2nd /3rd year)

2nd and 3rd year Organic programme (in conversion):

- The farmers who were assisted under Incentives of Organic farming programme during the first / second year previously are eligible
- The farmers can avail the assistance by providing a Proof of renewal made in TRACENET /Bill copy for renewing in TRACENET/Copy of Organic certificate/ Scope certificate along with Application form and relevant documents in case NPOP Certification
- 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
- If any farmer who availed assistance from the incentives programme during the first year and/or second year has discontinued from the Organic farming programme, new farmers

are to registered under NPOP/PGS programme and incentives of Rs.5000/Ha can be provided after registration

First year programme:

- Priority should be given to SF/MF and Women farmers.
- 2 clusters each of 50 Ha should be formed in each district
- The farmers can avail the assistance by providing a Proof of registration/ renewal 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
- Any Horticulture crop can be promoted

VI.Popularization of IIHR & TNAU varieties of Horticultural crops in Tamil Nadu

Only the IIHR and TNAU varieties and hybrids indicated below can be promoted under this programme:

IIHR varieties:

S. No.	Category	Crop	Varieties to be promoted
1	Fruits	Mango	Arka Anmol, Arka aruna, Arka neelkiran, Arka puneeth
2		Guava	Arka kiran, Arka amulya, Arka Mridula, Arka Reshmi, Arka Lalith
3	Vegetables	Tomato	Arka Rakshek, Arka Samrat, Arka Saurabh, Arka Abhed, Arka vikas, Arka Adithya
4		Brinjal	Arka nidhi, Arka anand, Arka avinash
5		Chilli	Arka Lohit, Arka Suphal, Arka Meghana
6		Bhendi	Arka nikitha, Arka abhay
7		Water melon	Arka jyoti

TNAU varieties

S.no.	Category	Crop	Varieties to be promoted
1	Vegetables	Bhendi	Hybrid CO-4
2		Bottle gourd	Hybrid CO-1
3		Snake gourd	MDU-1
4		Cluster bean	MDU-1

A.Fruits:

- Total cost – Rs.60,000/ Ha; 1st year cost (50 %) – Rs.30,000/Ha
1st year assistance (60%) - Rs.18,000 per Ha

S.No.	Name of the Component	Total cost (Rs./Ha)	1 st year cost (Rs./ Ha)	Subsidy (Rs./Ha)	Farmer Contribution (Rs/Ha)
1	Planting materials	10,000	10,000	10,000	0
2	Land preparation, planting and intercultural operations	30,000	15,000	2,500	27,500
3	INM/ IPM	20,000	5,000	5,500	14,500
	Total	60,000	30,000	18,000	42,000

B. Vegetables

I. Promotion of vegetables through Protray seedlings (Chilli, Tomato, Brinjal)

- Total cost - Rs.50,000/Ha, Subsidy (40%)- Rs.20,000/Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seedlings – Rs.1/ seedling	20000	15000	5000
2	INM/IPM	9000	5000	4000
3	Land Preparation, planting, irrigation & Inter- cultural operations	21000	0	21000
	Total	50000	20000	30000

- If the portray seedlings are not available in SHF, it can be distributed as seeds.

II. Promotion of Vegetables through seeds (Bhendi, Water melon, Cluster bean and Gourds)

- Total cost - Rs.50,000/Ha, Subsidy (40%)- Rs.20,000/Ha

S. No	Name of the Component	Total Cost (Rs/Ha)	Subsidy Cost (Rs/Ha)	Farmer Contribution (Rs/Ha)
1	Vegetable seeds	8000	8000	0
2	INM/IPM	12000	9500	2500
3	Land Preparation, pitting, planting, irrigation & Inter- cultural operations	30000	2500	27500
	Total	50000	20000	30000

VII. Increasing the productivity of Horticultural crops through adoption of Precision Farming programme

- Total cost - Rs.30,000/Ha
- Subsidy – 50% (Rs.15,000/Ha) for supply of Water-soluble fertilizers
- The farmer's field must be installed with Drip irrigation

VIII. Cashew area expansion to uplift the livelihood of farmers

1. Cashew- Normal planting (Spacing – 7mx7m = 204 plants per Ha)

- Total cost - Rs.50000/Ha, Subsidy (40%) - Rs.20000/Ha
1st year assistance – 60 % (Rs.12000/Ha)

S.No.	Name of the component	Total cost /Ha	I year cost (Rs.)	Subsidy (Rs.)	Farmer Contribution(Rs.)
1	Supply of planting materials- Cost of planting material @ Rs.40/graft	11000	8160	8160	0
2	INM/IPM	15000	6840	2590	4250
3	Land Preparation, inter-cultivation & irrigation	24000	5000	1250	3750
	Total	50000	20000	12000	8000

2. Cashew- High density planting (Spacing – 5mx5m = 400 plants per Ha)

- Total cost - Rs.1,00,000/Ha, Subsidy (40%)- Rs.40,000/Ha
1st year assistance – 60 % (Rs.24,000/Ha)

S.No	Name of the component	Total cost /Ha	1 year cost (Rs.)	Subsidy (Rs.)	Farmer Contribution (Rs.)
1	Supply of planting materials- Cost of planting material @ Rs.40/graft	21600	16000	16000	0
2	INM/IPM	38400	10000	5500	4500
3	Land Preparation, inter-cultivation & irrigation	40000	14000	2500	11500
	Total	100000	40000	24000	16000

IX. Promotion of Agro-Eco System Analysis (AESA) based Integrated Pest Management in Horticultural crops

Sl.no	Component	Unit	Unit cost in Rs/ Ha	Subsidy %	Subsidy cost per unit in Rs/Ha
1	Solar Light Trap (2 traps per ha)	Ha	8000	50%	4000
2	Yellow Sticky Trap	Ha	4000	30%	1200
3	Pheromone Trap	Ha	4000	30%	1200

Field board design

Department of Horticulture & Plantation Crops
Financial Assistance by NADP – 2022-23



Farmer Name

S/o

Village/Survey No

Block/District



Component:

Phy Area:

Value of the Work: Rs

Assistance Given: Rs.

**Director of Horticulture &
Plantation crops**