

4. TAMIL NADU HORTICULTURE DEVELOPMENT AGENCY (TANHODA)

Tamil Nadu Horticulture Development Agency was registered as a society under the Tamil Nadu Societies Registration Act 1975, in 2004 as a “Special Purpose Vehicle” for implementing various Horticulture Schemes funded by the Government of India and shared schemes.

The following schemes are being implemented through TANHODA ;

S. No	Name of the Scheme	Financial Assistance	
		GOI Share	GOTN Share
1	National Horticulture Mission	85%	15%
2	Micro – Irrigation Scheme (SF/MF) Other farmers	50% 40%	50% 35%
3	National Bamboo Mission	100%	--
4	National Mission on Medicinal Plants	100%	--
5	Tamil Nadu – IAMWARM	----	100%
6	State Horticulture Farms	--	100%

All the above schemes except, schemes in SI.No 5 & 6 are implemented through District Mission Committees/ District Micro Irrigation Committees headed by the District Collector as Chairman and District Joint Director of Horticulture / Deputy Director of Horticulture as the Member Secretary of the Committee.

1. Schemes shared between Central and State Governments

1.1. National Horticulture Mission (NHM):

National Horticulture Mission is a flagship scheme of the Government of India, with a sharing pattern of 85:15 between Centre and State. The scheme aims at holistic development of horticulture with focus on expansion of area under high income generating horticulture crops. This scheme is implemented on a mission mode from 2005-2006.

This scheme is implemented in the 22 districts namely Ariyalur, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanyakumari, Krishnagiri, Madurai, Perambalur, Pudukottai, Ramanathapuram, Salem, Sivagangai, Thanjavur, The Nilgiris, Theni, Tiruppur, Tirunelveli, Trichy, Vellore and Villupuram.

Components of the scheme include area expansion in high value horticulture crops, production of planting materials, rejuvenation of old orchards, canopy management, protected cultivation, organic farming, mechanization, post-harvest management, creation of marketing infrastructure and human resource development. During 2011-2012, this scheme was implemented at an expenditure of ₹6572 lakhs covering 42096 Ha. It is proposed to implement the scheme during 2012-2013 at an outlay of ₹15,000 lakhs to cover 50845 Ha.

1.2. National Mission on Micro Irrigation (NMMI)

Tamil Nadu is a water stressed state. The conventional methods of irrigation require more water that leads to wastage of water. The use of Micro Irrigation systems like drip and sprinkler irrigation is the way for

efficient use of surface as well as ground water resources. For agricultural crops, the identification of beneficiaries is done by the Agriculture department, and for Horticulture crops, by the Horticulture department. For tree crops, the identification is done by the Agriculture Engineering Department, and for sugarcane, the identification is done by Sugar Mills for the registered growers.

Under this scheme, 100% subsidy is given to small & marginal farmers and 75% subsidy to other category farmers for installation of drip/sprinkler systems for all horticulture crops and agriculture crops like sugarcane, coconut, cotton, maize, groundnut and pulses. The scheme is being implemented only through registered and empanelled Micro Irrigation firms. In 2011-12, the scheme was implemented by TANHODA at an expenditure of ₹ 8,744 lakhs covering 27,550 Ha. The scheme is proposed to be implemented in the year 2012-13 to cover 70,000 Ha. at an outlay of ₹ 41,000 Lakhs.

2. Schemes Fully Funded By Government of India

2.1 National Bamboo Mission (NBM)

Bamboo is preferred as a raw material in sectors like pulpwood, paper industries, housing, arts, craft, etc., Bamboo has more than 1500 uses and is a fast growing species among plants. Its usefulness as biomass for production of electricity is becoming prominent in recent years. To increase the area and productivity, the National Bamboo Mission scheme was envisaged.

This scheme was implemented during 2011-12 to cover 250 Ha. at an expenditure of ₹ 40 lakhs and during 2012-13, it is proposed to cover 400 Ha at an outlay of ₹ 70 lakhs.

2.2 National Mission on Medicinal Plants (NMMP)

With the objective of satisfying the ever increasing demand for herbal products, a Centrally Sponsored Scheme on National Mission on Medicinal Plants is being implemented. In 2011-12, the scheme was implemented in 3774 Ha at an expenditure of ₹ 918 lakhs. In 2012-2013, it is proposed to cover 5000 Ha. at an outlay of ₹ 1200 lakhs.

3. State Horticulture Farms (SHF)

There are 49 State Horticulture Farms in Tamil Nadu under the control of TANHODA. The objective of State Horticulture Farms is to produce quality pedigree planting materials for the major crops like mango, amla, sapota, guava, jack and other fruit crops, ornamental plants, cash crops like cashew, coffee and others. The farms also serve as model demonstration farms to the local growers. The botanical parks and gardens serve as study centers for students and attract large number of tourists. During 2011-12, a production target of 170.45 lakh numbers was fixed for the farms and it was entirely achieved. The target proposed for 2012-13 is 178.00 lakh numbers.

4. Parks and Gardens

TANHODA also maintains 7 parks and gardens. The gardens attract large number of visitors and have emerged as major tourist destinations in the state. They also serve as demonstration centres for ornamental gardening and floriculture.

Sl. No	Garden/park	Extent (in Ha.)	No. of visitors (2010-11)	No. of visitors (2011-2012)
1	Government Botanical Garden, Ooty	22.00	20,77,610	21,80,409
2	Government Rose garden, Ooty	14.40	6,54,751	7,51,617
3	Sim's Park, Coonoor.	12.14	5,14,509	5,49,320
4	Park at SHF, Katterly	18.96	Opened on 20/5/2011	8,126
5	Bryant Park & Chettiyar Park, Kodaikanal	8.42	5,91,397	5,92,858
6	Anna Park & Lake Park, Yercaud	10.00	1,83,653	3,70,783
7	Semmozhi Poonga, Chennai	3.17	3,89,705	4,41,963
Total		89.09	44,11,625	48,95,076

5. EXTERNALLY AIDED PROJECTS

5.1. Tamil Nadu Irrigated Agriculture Modernization and Water Bodies Restoration and Management Project – Horticulture (TN - IAMWARM PROJECT)

TN IAMWARM project is an externally aided project and the total project outlay for Horticulture department is ₹72.765 lakhs. The objective of the project is to bring crop

diversification and area expansion with high value horticultural crops, in 61 sub basins of Tamil Nadu.

In the **first Phase** in 2007-08, the project was implemented in 9 sub-basins viz., Varahanadhi, Upper Vellar, South Vellar, Pambar, Manimuthar, Kottakkaraiyar, Arjunanadhi, Palar and Aliyar.

In the **second Phase**, the project was extended to another 16 sub-basins during 2008-09 viz., Pennaiyar (upto Krishnagiri), Swethanadhi, Anaivari Odai, Chinnar, Agniar, Ambuliyar, Upper Vaigai, Varattar-Nagalar, Upper Gundar, Therkar, Senkottaiyar, Sindapalli-Uppodai, Nishabanadhi, Kalingalar, Poiney and Koundinyanadhi.

In the **third Phase**, the project was extended to 30 sub basins viz, Araniyar, Kosasthalaiyar, Ongur, Nallavur, Thuringalar, Pambar to Thirukoilur, Gadilam, Markandanadhi, Kambainallur, Pambanar-Verattar, Gomukinadhi, Theniar, Girdhamal, Kanal Odai, Lower Gundar, Vembar, Uthirakosamangai, Palar, Sevalaperiar, Deviar, Nagariar, Vallampatti, Uppathur, Kovilar, Uppodai, Salikulamaru, Korampallam, Karumeniyar, Vaipar and Hannumannadhi for implementation during 2010-11.

In the **fourth Phase**, the project was extended to 5 sub basins viz, Adayar, Cooum, Cheyyar- Kiliyar, Paralaiyar and Kayalkudiar for implementation during 2011-12.

Progress of schemes implemented by TANHODA
(Financial ₹ in lakhs)

Name of the Scheme	Unit	2011-2012				2012-2013	
		Phy		Fin		Phy	Fin
		Tar	Achmt	Tar	Achmt	Tar	Tar
National Horticulture Mission	Ha.	47100	42096	7294.14	6572.00	50845	15000.00
National Mission on Micro – Irrigation	Ha.	30000	27550	9687.50	8744.00	70000	41000.00
National Bamboo Mission	Ha.	250	250	40.00	40.00	400	70.00
National Mission on Medicinal Plants	Ha.	3774	3774	918.00	918.00	5000	1200.00
State Horticultural Farms	Lakh Nos	170.45	166.27	1380.93	1103.76	178	1450.00
Tamil Nadu IAMWARM	Ha.	8182	6562	1338.45	960.19	8258	1308.00
Total				20659.02	18337.95		60028.00