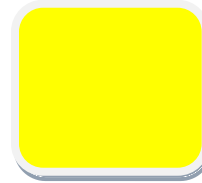


MIDH Update

Quarterly Bulletin (2014-15)

July-September, 2014



Mission for Integrated Development of Horticulture

Department of Agriculture & Cooperation,

Ministry of Agriculture,

Krishi Bhawan,

New Delhi – 110 001

Website: www.midh.gov.in

Mission for Integrated Development of Horticulture (MIDH)

Quarterly Bulletin (July to September 2014)

INTRODUCTION

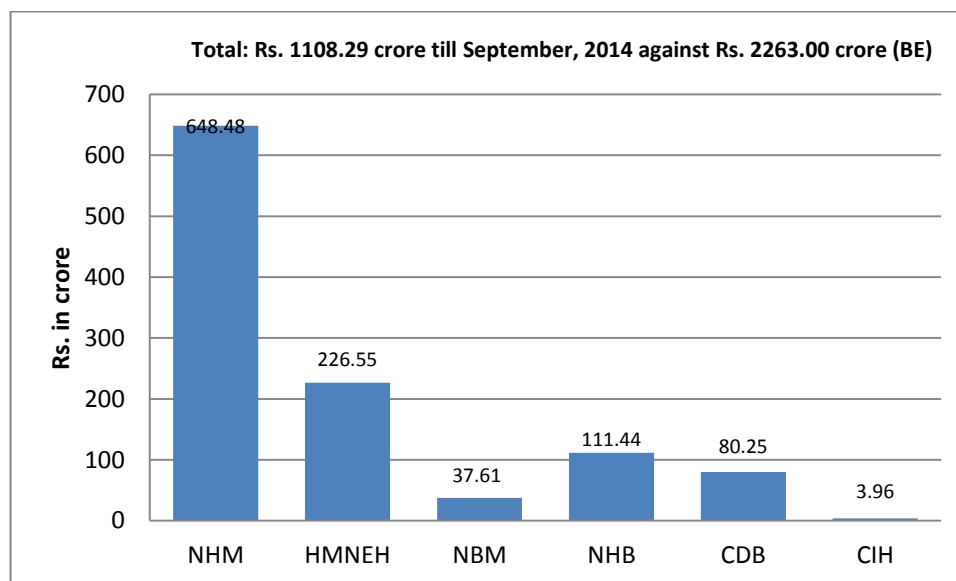
Mission for Integrated Development of Horticulture (MIDH), has been launched during XII Plan w.e.f. 2014-15 for the holistic development of the horticulture sector covering fruits, vegetables, mushrooms, spices, flowers, aromatic plants, coconut, cashew, cocoa and bamboo. Mission subsumes National Horticulture Mission (NHM), Horticulture Mission for North East & Himalayan States (HMNEH), National Bamboo Mission (NBM), National Horticulture Board (NHB), Coconut Development Board (CDB) and Central Institute for Horticulture (CIH), Nagaland. Government of India (GOI) contributes 85% of total outlay for developmental programmes in all the States except the States in North East and Himalayas, in which case 100% GOI share is provided. All States UTs are covered under MIDH.

RELEASE AND EXPENDITURE: 2014-15

During the current financial year, the budget provision of Rs. 2263.00 crore has been made for MIDH. Out of this, Rs. 1958.00 crore is for NHM, HMNEH and NBM components and Rs. 305.00 crore is for NHB and CDB components.

Under NHM component of MIDH, an amount of Rs. 648.48 crore was released to 17 states, 1 UT and 10 NLAs (Rs. 40.19 crore). Similarly, funds amounting to Rs. 226.56 crore have been released to eight North Eastern States and three Himalayan States. Details of releases made during 2014-15 under MIDH are projected in **Figure-1**.

Figure-1: Release of funds under MIDH



A. NHM & HMNEH

Fifteen States, two Union Territories and three National Level Agencies have reported physical and financial progress of the scheme on the website of NHM. Jharkhand has yet to post the progress upto September 2014. In case of HMNEH states, progress has been reported by Assam and Uttrakhand states.

Financial performance: 2014-15

State wise details of outlay, release and expenditure during 2014-15 under NHM and HMNEH components are given in **Table-1**.

Table-1: Outlay, Release and expenditure under NHM & HMNEH during 2014-15

Rs. in Crore

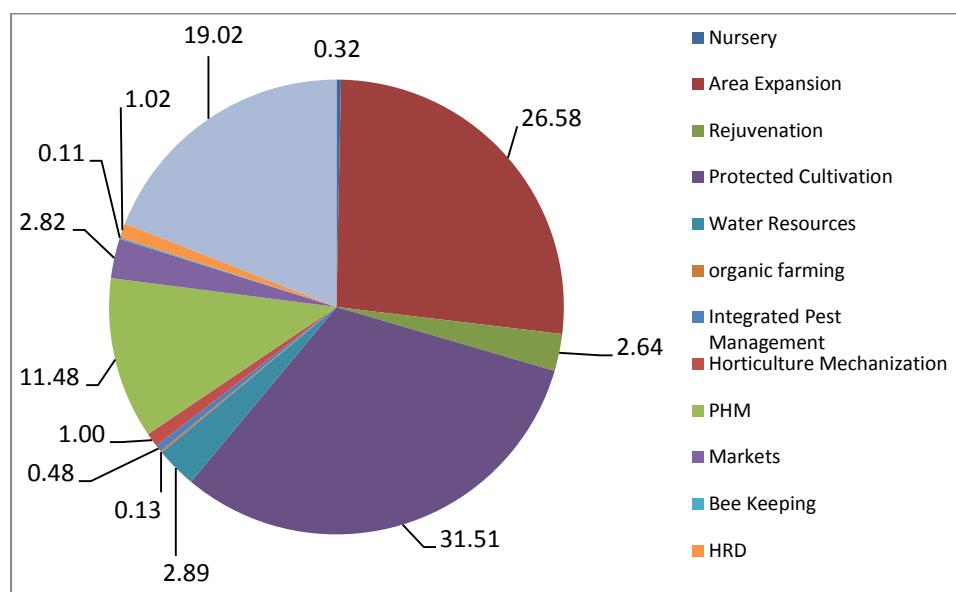
S. No.	States	Outlay		Amount Released	Expenditure Till September, 2014
		Total	GOI Share		
A	NHM states and NLAs				
1	Andhra Pradesh	87.75	74.59	54.68	1.84
2	Bihar	50.00	42.50	7.00	4.38
3	Chhattisgarh	142.00	120.70	54.88	15.69
4	Goa	5.50	4.68	0.00	0.70
5	Gujarat	154.00	130.90	52.47	15.51
6	Haryana	132.00	112.20	45.45	25.48
7	Jharkhand	80.00	68.00	29.69	0.00
8	Karnataka	147.00	124.95	51.08	14.80
9	Kerala	100.00	85.00	25.00	9.58
10	Madhya Pradesh	105.00	89.25	32.23	16.48
11	Maharashtra	187.00	158.95	50.00	7.04
12	Odisha	110.00	93.50	46.75	1.03
13	Punjab	82.50	70.13	28.50	1.17
14	Rajasthan	105.00	89.25	27.67	10.17
15	Tamil Nadu	127.00	107.95	30.36	0.13
16	Telangana	70.25	59.71	30.00	0.23
17	Uttar Pradesh	80.00	68.00	22.32	7.59
18	West Bengal	50.00	42.50	18.74	7.83
19	Delhi	3.00	2.55	0.00	0.00
20	Lakshdweep	1.00	1.00	0.00	0.00
21	Andaman & Nicobar	5.00	5.00	1.42	0.51
22	Puducherry	2.00	1.70	0.56	0.12
23	Dadra & Nagar Haveli	1.11	1.11	0.00	0.00
	Total NHM States	1827.11	1554.12	608.80	140.28
	Total NLAs	106.26	106.26	39.68	26.38
	HMNEH states				
1	Arunachal Pradesh	50.00	50.00	23.77	
2	Assam	48.00	48.00	18.63	11.54
3	Himachal Pradesh	48.00	48.00	14.62	

4	Jammu & Kashmir	60.00	60.00	15.00	
5	Manipur	50.00	50.00	24.17	
6	Meghalaya	40.00	40.00	12.60	
7	Mizoram	52.00	52.00	26.00	
8	Nagaland	52.00	52.00	24.76	
9	Sikkim	49.00	49.00	24.50	
10	Tripura	54.00	54.00	27.00	
11	Uttarakhand	46.00	46.00	15.51	10.82
	Total	549.00	549.00	226.56	22.36
	Grand Total	2482.37	2209.38	875.04	189.02

Trends of Expenditure: 2013-14

About 46% of total expenditure under NHM been utilized under protected cultivation activities followed by 14% in setting up of post harvest management infrastructures and 5% in creation of community water harvesting structures. Details are depicted in **Figure-2**.

Figure-2: Percentage expenditure under different components of NHM Scheme



Financial Performance (2014-15)

By the end of September 2014, an expenditure of Rs. 189.03 crore has been reported, which includes Rs. 140.29 crore by SHMs, Rs. 26.38 crore by NLA and Rs. 22.36 crore by HMNEH.

The breakup of physical and financial progress under different components of the scheme is given in **Table-2**.

Details of progress under different components of NHM Scheme (2014-15)

Rs. in crore

Components	Annual Targets 2014-15		Achievement 2014-15		% Exp. to total Exp.
	Phy.	Fin.	Phy.	Fin.	
Nursery	128	103.64	3	0.45	0.32
Area Expansion	186514	289.75	29456	37.43	26.58
Rejuvenation	394	42.94	9962	3.72	2.64
Protected Cultivation	25106	439.61	1846	44.38	31.51
Water Resources	5158	102.55	233	4.07	2.89
Organic Farming	51173	48.58	500	0.19	0.13
Integrated Pest Management	96429	22.52	7992	0.67	0.48
Horticulture Mechanization	10902	57.50	682	1.40	1.00
PHM	18351	341.11	649	16.17	11.48
Markets	543	33.98	24	3.97	2.82
Beekeeping (Nos. of colonies)	104209	14.28	100	0.15	0.11
HRD	124242	40.79	7281	1.44	1.02
others		273.34		26.79	19.02
Total		1810.59		140.83	100.00

Physical Performance (2014-15)

Post Harvest Management

Summary details of achievement under Post Harvest Management (PHM) component is given in **Table-3**.

Table 3: Physical Progress under Post Harvest Management Component

S. No.	States	Pack House	Cold Storage	Ref. Transport vehicle	Primary/Mobile Process Unit	Ripening Chambers	Evaporative low energy cool chambers	Low Cost Onion Storage Structures
1	Andhra Pradesh	12	2	1				
2	Chhattisgarh	50					50	
3	Gujarat	158	4	1				
4	Haryana	20	3			1		4
5	Karnataka	49			50			
6	Madhya Pradesh	13					1	5
7	Maharashtra				1			196
8	Odisha	2						
9	Rajasthan	15						
10	Telangana	8	2			5		
11	Uttar Pradesh					2		
	Total	327	11	2	51	8	51	205

Out of 327 pack house units established, 158 units have been set up by Gujarat, 50 by Chhattisgarh, 49 by Karnataka, 20 by Haryana, 15 by Rajasthan, 12 by Andhra Pradesh, 13 by Madhya Pradesh and 8 by Telangana. Similarly, out of 11 cold storage units, 4 have been set up by Gujarat, 3 by Haryana and 2 each by Andhra Pradesh and Telangana respectively. Out of 51 Primary/Mobile Processing Units, 50 have been established in Karnataka. Setting up of one

each Refrigerated Transport vehicle has been reported by Andhra Pradesh and Gujarat. Out of 8 ripening chambers, 5 have been set up in Telangana, 2 in Uttar Pradesh and one in Haryana. Out of 205 low cost onion storages established, 196 storages have been set up in Rajasthan, 5 in Madhya Pradesh and 4 in Haryana.

Water Harvesting Structures

So far, during the year, 233 Community Water Harvesting Structures have been created. Haryana has reported creation of 61 units followed by 56 in Karnataka and 54 in Kerala, 34 in Rajasthan, 14 in Maharashtra, 5 each in Odisha and Telangana respectively, 4 in Madhya Pradesh.

Rejuvenation

Under the component of Rejuvenation of old and senile orchards, a total area of 9962 ha has been covered. Out of which, an area of 2228 ha has been brought under rejuvenation in West Bengal, 7115 ha in Telangana, 361 ha in Karnataka, 200 ha in Madhya Pradesh and 13 ha in Haryana.

IPM Measures

Under the component of Integrated Pest Management (IPM), a total coverage of 7992 ha has been reported, out of which, 6300 ha in Karnataka, 1517 ha in Telangana, 100 ha in Madhya Pradesh, 50 ha in Rajasthan and 25 ha in Kerala respectively.

Markets

During the period, 24 market infrastructures have been established. Karnataka was reported setting up of one wholesale market, Gujarat has reported setting up of 16 functional infrastructures and 7 rural markets have been established in Kerala

Addressing Quality Planting Material Needs

So far, during 2014-15, 2 nurseries in Maharashtra and one nursery in Kerala have been set up.

Area Expansion

During the period, an additional area of 29456 ha has been brought under various horticultural crops, out of which, an area of 16634 ha has been brought under perennial fruits, 6302 ha under non-perennial fruits, 1642 ha. under flowers, 4662 ha under spices, 30 ha under Aromatic plants and 186 ha under plantation crops. Rajasthan has reported coverage of an area of 8043 ha under various horticulture crops followed by Chhattisgarh (6918ha), West Bengal (3074 ha), Uttar Pradesh (2519 ha), Madhya Pradesh (2514 ha), Telangana (2245 ha), Karnataka (1302 ha), Bihar (1030 ha), Haryana (330 ha), Odisha (49 ha), Andaman & Nicobar (35 ha).

Physical Progress under Horticulture Mission for North Eastern and Himalayan States

Four states viz. Assam, Sikkim, Tripura and Uttarakhand have posted the physical and financial progress on the website of HMNEH.

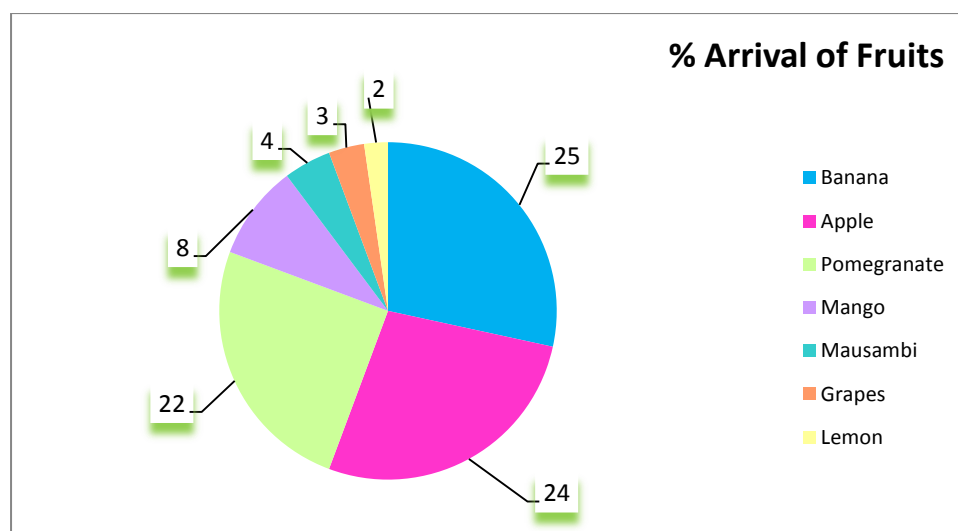
An area of 4700 ha has been covered under various horticulture crops. Out of which, Assam has reported the coverage 3050 ha, 1548 ha in Sikkim, 67 ha in Tripura and 34 ha in Uttrakhand. Besides, an old and senile area of 643 ha. has been rejuvenated (590 ha in Tripura & 53 ha in Uttrakhand). Apart from above, 2 nurseries have been set up in Uttrakhand.

MARKET ARRIVAL OF HORTICULTURAL PRODUCE

Fruits

During July to September, 2014, 48.49 lakh MT of fruits have been traded in in the country. Banana constituted about 25% (12.2 lakh MT), Apple 24% (11.7 lakh MT), Pomegranate 22% (10.7 lakh MT), Mango 8% (3.9 lakh MT), Mausambi 4% (2.0 lakh MT), Grapes 3% (1.6 lakh MT), Lemon 2% (1.2 lakh MT) of fruits traded in 776 markets in the country. (Figure-4).

Figure-4: Trading of Fruits in India during July-September, 2014

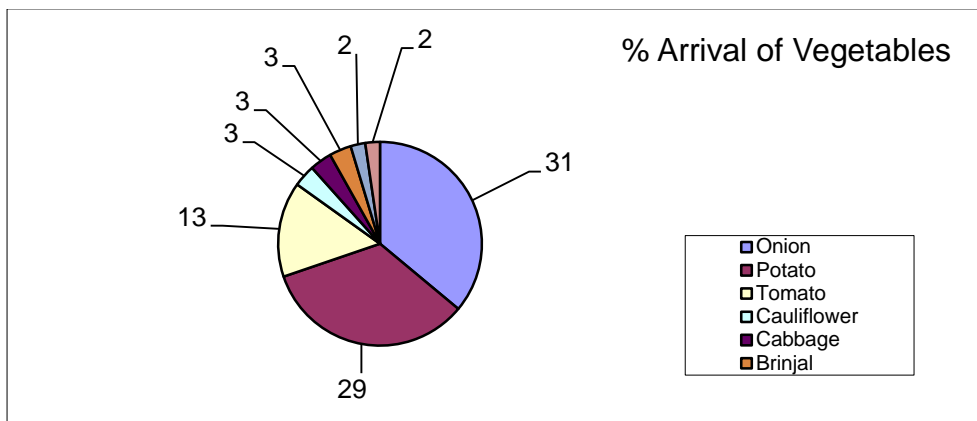


Source: Agmarknet, compiled in NHM website (www.nhm.nic.in)

Vegetables

A total quantity of 72.30 lakh MT of vegetables has been traded during July to September, 2014 in 1206 markets in the country. Major arrivals of vegetables are Onion (31%) followed by Potato (29%), Tomato (13%), Cauliflower (3%), Cabbage (3%), Brinjal (3%), Cucumber (2%) and Pumpkin (2%). (Figure-5)

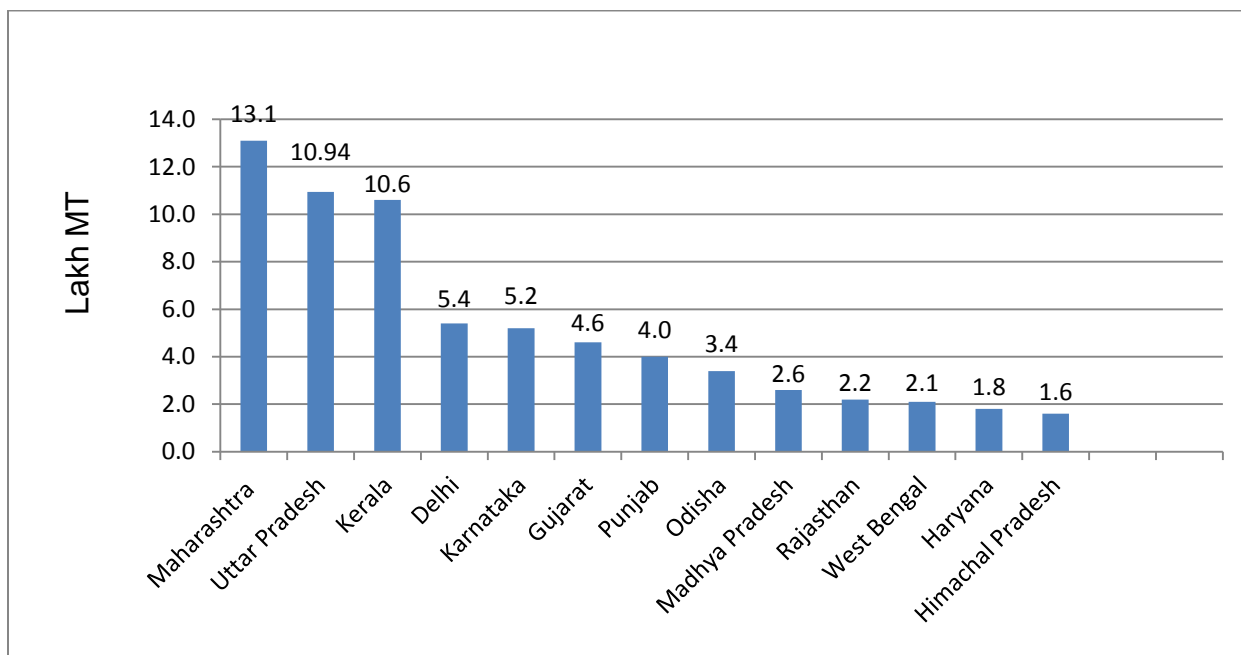
Figure- 5: Trading of Vegetables in India during April-June 2014



Source: Agmarknet, compiled in NHM website

Distribution of vegetables traded in different States during **July-September 2014** is given in **Figure-6**.

Figure-6: State wise trading of Vegetable during April-June 2014



Source: Agmarknet, compiled in NHM website

Flowers

Total market arrival of flowers was 133.85 lakh MT in 78 markets, Marygold (Calcutta) constituted about 39.4 lakh MT, Tube Rose (Double) 29.6 lakh MT, Orchid 17.7 lakh MT, Rose (Local) 15.3 lakh MT, Gladiolous Cut flower 9.3 lakh MT, Chrysanthemum 8.3 lakh MT, Tube Rose (Single) 8.0 lakh MT and Lilly 5.4 lakh MT.

Spices

About 12.63 lakh MT of spices have been traded in 1127 markets. Out of this, garlic constitutes 33%, of total arrival of spices, followed by Methi (25 %), Green Chilly (15%), Corriander Seed (7%), Commin Seed (7%), Betel leaves (4%) Turmeric (3%) during July-September, 2014.

Plantation Crops

Market arrival of about 5.0 lakh MT of Plantation crops, has been traded in 81 markets, mostly coconut constituting about 4.96 lakh MT.

Exports

Status of export of horticulture products is indicated in **Table-5**

Table 5: Export Value of Horticultural Products

S. No.	Products	Value (Rs. in Crore)	Remarks
1	Floriculture	146.87	April-July, 2014
2	Fruits & Vegetable Seeds	156.15	April- July, 2014
3	Cashew	2031.05	April-August, 2014
4	Spices	3019.67	April to June, 2014

Source: DGCI&S, CEPCI for Cashew

Meetings

- The first meeting of the Empowered Monitoring Committee (EMC) was held under Chairmanship of Additional Secretary (DKJ) on 27th August, 2014 to consider the project proposals of SHMs of Bihar, Chhattisgarh, Gujarat, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha and Union Territory of Puducherry. EMC approved 33 project proposals with total project cost of Rs. 8844.68 lakh with proposed subsidy of Rs. 2215.96 lakh.

EMC approved 6 Centres of Excellence viz. in Maharashtra, Kerala, Punjab, Uttar Pradesh and Telangana with with an assistance of Rs. 4658.68 lakh under MIDH.

EMC also approved 8 projects based proposals of National Bamboo Mission (NBM) with total project cost of Rs. 196.72 lakh involving subsidy of Rs. 155.32 lakh.

- The second meeting of Empowered Monitoring Committee (EMC) was held under Chairmanship of Additional Secretary (DKJ) on 21st October, 2014 to consider the project proposals of SHMs of Chhattisgarh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra and Punjab. EMC approved 36 project proposals with total project cost of Rs. 14831.56 lakh with proposed subsidy of Rs. 3364.58 lakh.

B. NATIONAL BAMBOO MISSION (NBM)

Under NBM component, an amount of Rs. 37.10 crore was released against total outlay of Rs. 119.62 crore. State wise details of outlay, release and expenditure under NBM component is given in **Table 6**.

Table: 6 State-wise details of Allocation, Release & Expenditure under National Bamboo Mission (NBM) component during 2014-15

Rs. in crore				
S. No.	Name of the States/NLAs	Allocation	Release	Expenditure
1	Andhra Pradesh	0.84		
2	Arunachal Pradesh	13.76	4.20	4.13
3	Assam	10.65	2.97	
4	Bihar	0.76		
5	Chhattisgarh	5.12	3.80	
6	Goa	0.00		
7	Gujarat	4.39	1.91	
8	Himachal Pradesh	1.36	0.81	
9	Jammu & Kashmir	2.03	0.77	
10	Jharkhand	1.98	0.40	
11	Karnataka	6.16	2.71	
12	Kerala	1.13	0.49	0.48
13	Madhya Pradesh	6.84	2.20	2.20
14	Maharashtra	2.69	0.59	
15	Manipur	10.23	3.37	3.34
16	Meghalaya	3.09	0.97	
17	Mizoram	13.96	3.70	3.54
18	Nagaland	11.37	3.79	3.78
19	Orissa	5.64	1.88	
20	Punjab	0.00		
21	Rajasthan	2.20	0.31	
22	Sikkim	3.02	0.57	
23	Tamil Nadu	1.21		
24	Tripura	1.99	0.81	
25	Uttar Pradesh	2.58		
26	Uttarakhand	0.99	0.28	
27	West Bengal	0.93		
	Sub Total States	114.91	36.53	17.47
	NLAs			
1	BTSG, Kerala	1.15		
2	BTSG, Dehradun	2.26		
3	NHB, Gurgaon	1.00		
4	CBTC, Guwahati	0.29		
	Sub Total NLAs	13.70	0.00	0.00
	Grand Total	119.62	37.10	17.47

An area of 3,23,919 ha. has been covered under bamboo plantation besides 76,615 ha. of old and senile plantation has been rejuvenated for higher productivity. In addition, 1406 nurseries have been established for quality planting material. During the period, 46,593 farmers and 7,085 field functionaries have been imparted

training in various bamboo activities. Establishment of 29 bamboo wholesale markets, retail markets, 16 retail outlets, and 32 bamboo bazars has been reported.

C. National Horticulture Board (NHB)

An outlay of Rs. 190.00 crore has been earmarked for NHB during 2014-15. Against this, an amount of Rs. 111.44 crore was released during 2014-15. Details of progress achieved by NHB is given in **Table 7**.

Table: 7 Physical and Financial progress by NHB during first quarter of 2014-15

S. No.	Name of the scheme/ programme	No. of projects	Amount released (crore)
1.	Development of Commerical Horticulture through Production and Post Harvest Management	805	44.12
2.	Capital Investment Subsidy for Construction/ Eexpansion/ Modernization of Cold Storages and Storages for Horticulture Produce	52	51.85
3.	Technology Development and Transfer for Promotion of Horticulture	112	1.62
4.	Market Inforamtion Service for Horticulture Crops	Service Scheme	4.86
5.	Horticulture Promotion Service	--	--
6.	Strengthening Capabilities of NHB (Establishment Expenditure)	Staff Scheme	4.35
	Sub Total	--	106.79
	N.E. Region	11	3.56
	Grand Total	--	110.35

D. COCONUT DEVELOPMENT BOARD (CDB)

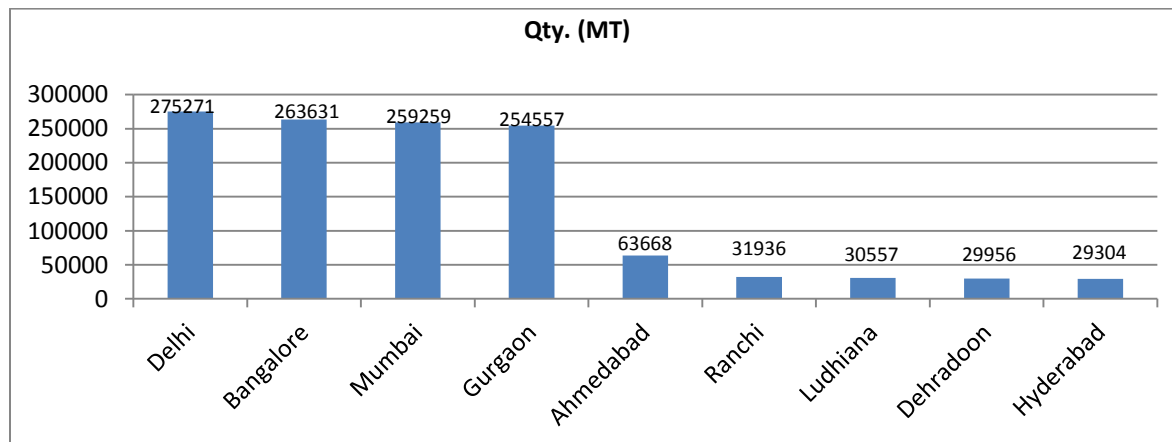
An outlay of Rs. 107.00 crore has been earmarked for CDB during 2014-15 against which an amount of Rs. 80.25 crore was released. Some of the activities of CDB of 2014-15 are as under:

- CDB celebrated World Coconut Day on 2nd Septemeber, 2014 inaugurated by Union Minister of Chemical and Fertilizers.
- A field study was undertaken by team of CACP from 17th to 19th August, 2014.
- 46th COCOTECH meeting organized by Asian and Pacific Coconut Community (APCC) at Colombo from 7th to 11th August, 2014 was attended by Chief Coconut Development Officer and Deputy Director.
- Agricultural Research Scientists (ARS) from NAARM, Hyderabad visited headquarter iof Board regarding formation of FPOs and other major programmes of CDB on 26th August, 2014.
- Joint Secretary and Mission Director (MIDH), Director of Horticulture, Government of Odisha, Director of Agiculture, Government of Odisha visited CDB DSP Farm and State Centre, Pitapally on 28th August, 2014 and held discussion with Board officials.
- CDB participated in 12 exhibitions and trade fairs during the period.

E. Vegetable Initiative for Urban Cluster (VIUC)

- Outlay for 2014-15, an allocation of Rs. 175.00 crore (BE) has been approved and funds to the tune of Rs. 79.00 crore have been released so far during the current financial year.
- During July to September 2014, 10.13 lakh MT of vegetables were traded in 18 major metro cities, details of which are depicted in **Figure-8**.

Figure-8: Vegetables traded in major VIUC Cities

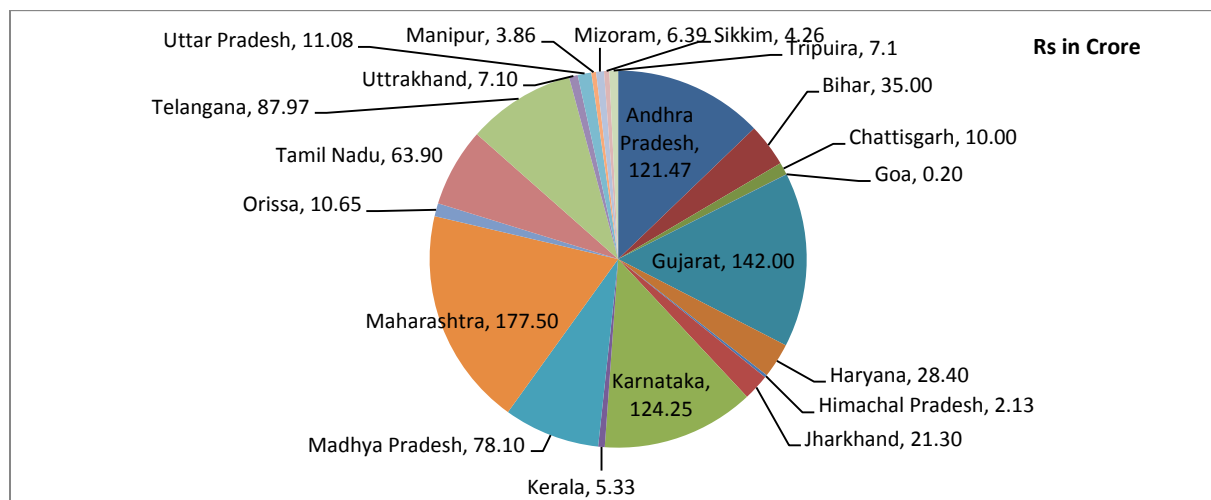


F. On Farm Water Management (OFWM)

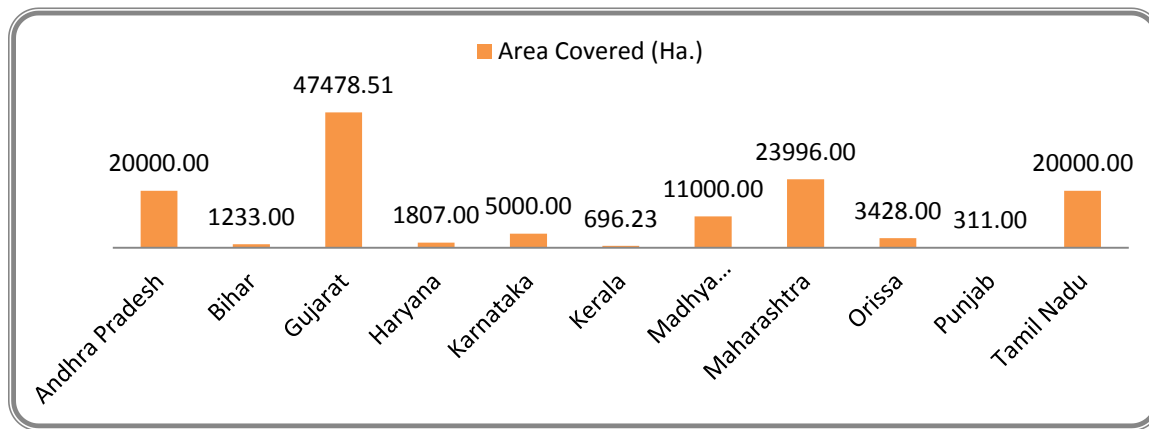
Micro Irrigation is being promoted under OFWM Component of National Mission on Sustainable Agriculture (NMSA) with effect from 2014-15.

Release and Expenditure: 2014-15

During the first quarter of 2014-15, BE of Rs. 1121.00 crore has been earmarked for MI. The Annual Action Plan for all the States and NCPAH were approved on 21st April, 2014. An amount of Rs. 675.12 crore was released till 30th September, 2014 in States. Figure Given Below



An area of about 134949 ha has been covered under micro irrigation till September 2014



G. National Centre for Cold Chain Development (NCCD)

National Centre for Cold-chain development (NCCD) was sanctioned by the cabinet on 9th February, 2012 and is constituted as an autonomous body under the Ministry of Agriculture. The Cabinet approval envisages NCCS as a dedicated institution to pioneer excellence for the development of cold-chain in India. The primary tasks of the NCCD as a nodal dedicated institution for cold-chain including support to policy initiatives, setting of standards and protocols in cold-chain, capacity building and skill development, research and development work, and promoting technology induction in this sector besides fostering multi-modal supply chains. NCCD is required to take the lead role in cold-chain development by implementing ongoing demand driven activities and processes.

During 2014-15, following activities were undertaken by NCCD.

An outlay of Rs. 5.00 crore approved for NCCD as an NLA of MIDH.

- In recognition of NCCD's contribution in promoting cold chain business, NCCD was awarded Agribusiness Leadership Award 2014 by Agriculture Today Group, duly selected by a panel under the Chairmanship of Prof. M.S. Swaminathan.
- Asian Productivity Organization Workshop at IIC-attended by 13 Asian Nations.
- NCCD team visited Chandigarh to hold meeting with Agriculture Secretary of Punjab and private stakeholders to share up-gradation options for ageing cold stores in Punjab. Besides, three workshops were organized in Punjab during June-July.
- Workshops and Conferences on cold chain were organized in Punjab, Assam, Delhi, Karnataka and Rajasthan with NCCD support.
- Held a Drivers Awareness Program for reefer truck driver named "National Health is in your Care" hosted by NCCD member at Palwal.
- Held series of Technical Stakeholders meeting with stakeholders and NCCD members, to discuss and debate on inputs for standards in cold-chain. This was attended by 51 stakeholders.
- Organized NOCCD conclave for Senior officers from 19 state Governments, 3 Ministries, various departments at Delhi to brainstorm on developments/matters

relating to cold-chain. Draft document for the standards applicable for MIDH operational guidelines were discussed.

- Participated in Rockefeller Food Loss Quest at Amity University.
- Represented DAC in the Screening Committee Meeting with Department of Economic Affairs (DEA) for project in Himachal Pradesh.
- Organised 5 days residential courses on cold chain management in France, which was attended by 26 delegates comprising Nodal Officers for Cold chain Development and industry stakeholders.
- A toll free number for reefer transport was launched by Hon'ble Union Minister of Agriculture on 11th September 2014. NCCD developed this e-governance initiative, called RVC or Reefer Vehicle Call-in-Centre to provide users the option to record bottlenecks faced in transporting perishables. All State Horticulture Missions were requested to issue advertisements in local newspapers to inform transporters of this policy initiative.