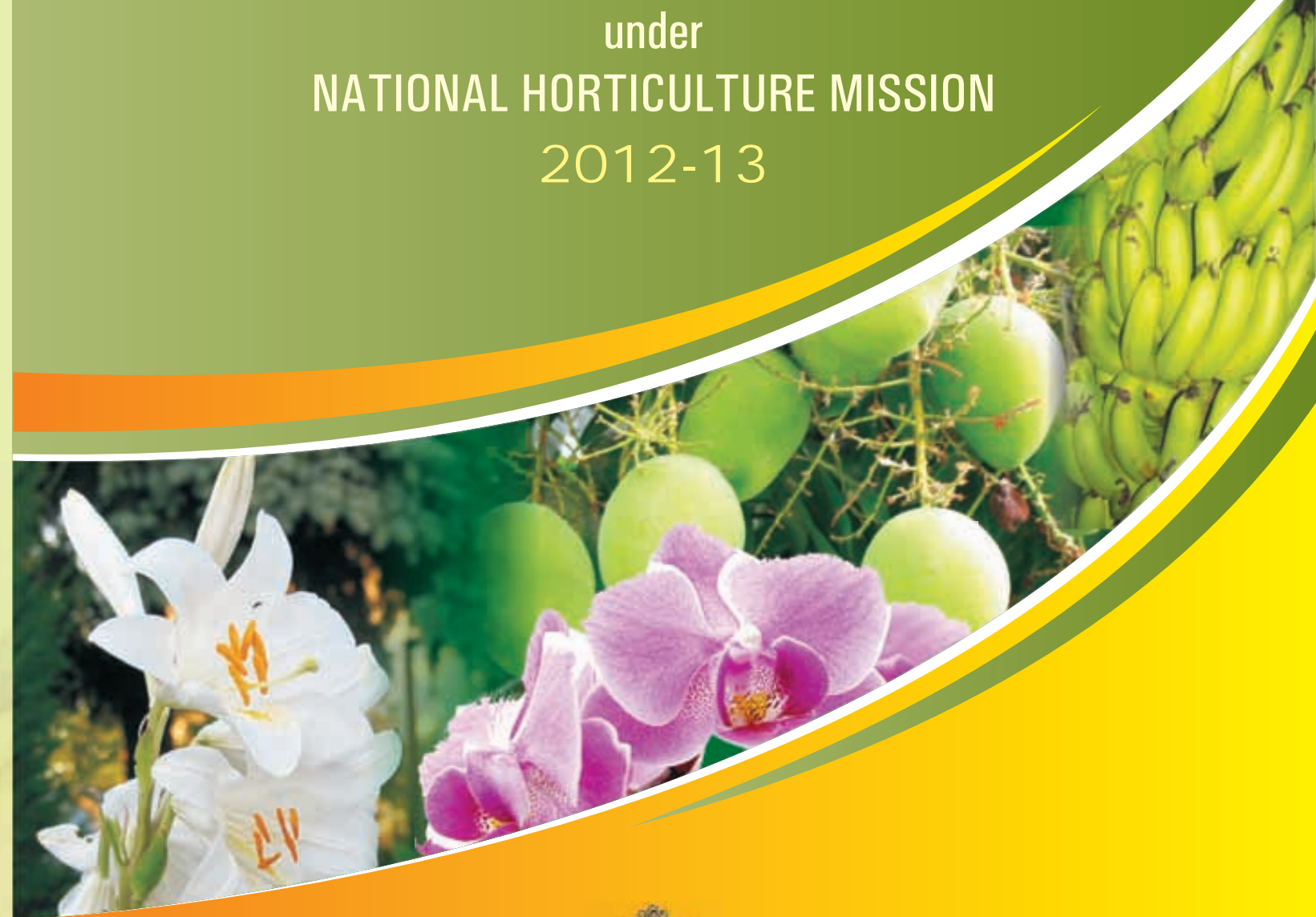




ANNUAL ACTION PLAN

under
NATIONAL HORTICULTURE MISSION
2012-13



Directorate of Horticulture

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**Directorate of Horticulture and
Odisha Horticulture Development Society**
Government of Odisha



**Annual Action Plan under
National Horticulture Mission
2012-13**



**GOVERNMENT OF ORISSA
AGRICULTURE DEPARTMENT**

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ANNUAL PLAN OF ACTION

2012-13 - ODISHA

1. INTRODUCTION

1.1 Horticulture consisting of fruits, vegetables, spices, floriculture, root & tuber crops, mushrooms, medicinal & aromatic plants as well as plantation crops has emerged as a core sector in agriculture due to its substantial increase both in area and production. Today horticulture has established its credibility in improving income through increased productivity, generating employment and in enhancing export besides providing household nutritional security. The growing economic importance of horticultural crops especially fruits; vegetables and flowers could be attributed to the increasing demand arising from domestic as well as overseas markets. The increasing domestic demand could be attributed to the increase in income, population growth, changing consumption pattern and growing awareness for better nutrition. At national level horticulture sector has emerged as a potential player in the Indian economy contributing 30% to GDP in agriculture from more than 8.5% area under horticultural crops as well as a means of diversification in overall development of agriculture. The earlier seasonal availability of fruits and vegetables has now extended to all the year round, increasing the per capita consumption of fruits and vegetables. The national goal of achieving 4% growth in agriculture can be achieved through the major contribution in growth from horticulture.

One important trend observed in the last five years is that horticulture development has gradually moved out of its rural areas to urban areas and from traditional agricultural enterprise to the corporate sector. This trend has

led to the adoption of improved technology, greater commercialization and professionalism in the management of production and marketing of different horticulture crops. The National Horticulture Mission Schemes have helped in exploring the horticulture potential of the State since 2005-06 as it provides scope for taking up a variety of components in areas of development of planting material, production and productivity improvement programmes, PHM and marketing.

Odisha is the 10th largest state in area and 11th in population in the country, accounting for 5% of the geographical area and 4% of the population of the country. The state has a geographical area of 1.56 lakh sq. km and population of 3.68 crores as per 2001 census. Administratively the state is divided into 30 districts, 58 subdivisions, 314 CD blocks, 171 tahasils, 35 municipalities and corporations, 6234 gram panchayat and 11349 villages. Out of the total population, Scheduled Caste and Scheduled Tribes constitute 17% and 22% of the total population respectively. 85% of the population lives in rural area. Cultivators and agricultural labourers constitute 65% of the total workforce. The total literacy percentage is 63.08. The state is located in the eastern region of the country and spreads 450 kms along the Bay of Bengal.

1.2. Climate : The climate of the state is tropical, characterized by high temperature, high humidity, medium to high rainfall and a mild winter. The normal rainfall is 1482.2 mm distributed over 72 rainy days. South West monsoon contributes about 81-83 % of the annual rainfall in 53-57 days during June-

September. The mean annual temperature of the State is 26.890 C with mean annual maximum of 32.560 C and mean annual minimum of 21.300 C.

1.3. Soil : From the physio-geographic point of view, the State consists of four Zones, viz. (i) Northern Plateau (ii) Eastern Ghat zone (iii) Central Table lands, and (iv) Coastal plain zone. However, on the basis of climate, soil, rainfall, topography and crops suitability, the state has been divided into ten Agro- Climatic zones. The soil types differ widely from highly acidic to slightly alkaline and from light sandy to stiff

clays. The soils are mainly acidic with the degree of acidity varying widely. Further, about 4 lakhs hectares are exposed to saline inundation, 3.54 lakh ha. to flooding and 0.75 lakh ha. to water logging particularly in the deltaic areas.

1.4. Irrigation : The total irrigation potential created so far from all sources is about 39.31 lakh ha. (Kharif 26.65 lakh ha. & Rabi 12.66 lakh ha.). The gross irrigated cropped area is 27 lakh ha. which is about 68% of the potential created. The source wise irrigation potential created so far (up to 2004-05) is indicated below.

Area in lakh hect

| SI No. | Sources | Kharif | Rabi |
|--------|----------------|--------------|--------------|
| 1. | Major & Medium | 12.38 | 5.63 |
| 2. | Minor (Flow) | 4.98 | 0.71 |
| 3. | Minor (Lift) | 3.64 | 2.19 |
| 4. | Other sources | 5.65 | 4.13 |
| | TOTAL | 26.65 | 12.66 |

Source: A profile on Agriculture in Orissa, 2006. DA&FP, Orissa.

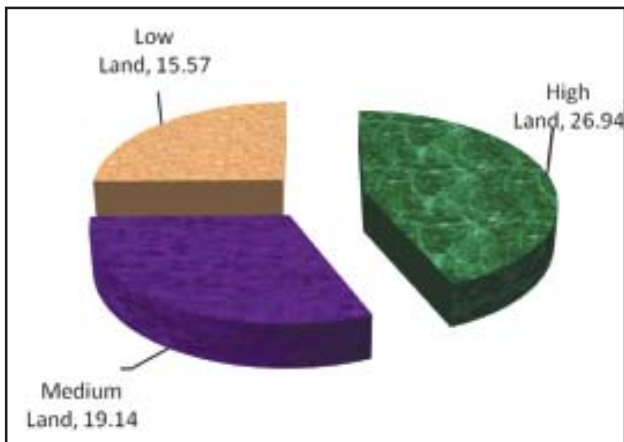


5. Potential for Horticulture: The agro-climatic diversity in the State with its high rain fall distributed over a four-month monsoon and a reasonably moderate winter allows for growing a variety of horticultural crops. The agro-

climatic conditions are immensely suitable for perennial fruit crops like mango, litchi, guava, oranges and limes; annual fruit crops like banana, pineapple and papaya ; spices like ginger, turmeric and chilly, a variety of roots and tubers and a whole range of vegetables. The low-temperature hilly areas at higher altitude offer ideal conditions for growing off-season vegetables. Of late floriculture is also showing excellent prospects. The State thus enjoys a natural comparative advantage for horticulture with possibilities for growing a diversified basket of fruits, vegetables, spices, tubers and flowers; whose potential has not been fully exploited.

1.6. Land Availability: The state has a total cultivable area of 61.65 lakh hectares. Out of this, 15.57 lakh hectares are low lands, 19.14

lakh hectares are medium lands and 26.94 lakh hectares are high lands. In Odisha generally Agricultural crops particularly Paddy are grown in the Low & Medium land area in a consolidated manner. So there is vast scope to

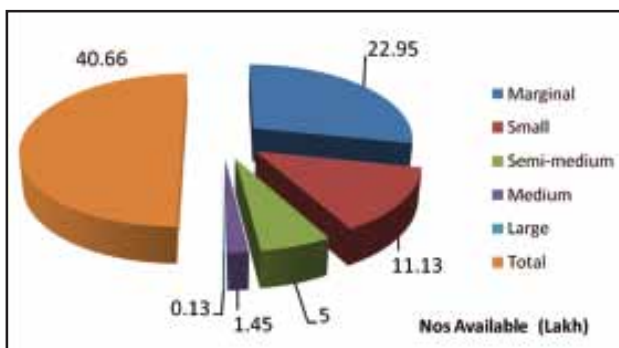


convert the Up lands and waste lands of the state for Horticultural crops. It was envisaged during the preparatory phase of NHM to cover at least 7.0 lakh ha. lands, out of which we have achieved only 3.10 lakh ha. under NHM and other schemes during last 5 year. Hence, there is immense scope for crop diversion particularly to horticultural crops.

1.7. Farming structure: According to the agricultural census there were 40.66 lakh operational farm holdings occupying 50.81 lakh ha with an average land holding of 1.25 ha the marginal and small farmers constitute 85% of the farmers who have access about 50% of the operational area. Thus the remaining 50% is occupied by only 15% of landholders as depicted.

NUMBER AND STRUCTURE OF FARM HOLDINGS

| Category of farmers | Holding size (ha) | Nos (Lakh) | Area (Lakh ha) |
|---------------------|-------------------|--------------|----------------|
| Marginal | < 1.0 | 22.95 | 11.55 |
| Small | 1.0-2.0 | 11.13 | 15.44 |
| Semi-medium | 2.0-4.0 | 5.00 | 13.44 |
| Medium | 4.0-10.0 | 1.45 | 8.18 |
| Large | > 10.0 | 0.13 | 2.20 |
| Total | 1.25 | 40.66 | 50.81 |



2. PROJECT OBJECTIVES

2.1 While implementing the National Horticulture Mission's programmes in the State during the 8th year i.e. 2012-13, State Govt. aim at an integrated development of all the

Horticulture sectors with a balanced growth of its several sub-sectors in all the 30 districts of the state. Small and marginal farmers in uplands especially in tribal focus will be a priority. All beneficiaries under the and RA / shall be targeted while area expansion and enhancement of production and productivity of both perennial, non-perennial crops like mango, cashew, citrus, litchi, floriculture, spices, roots & tubers & vegetables & will form the core activities of the programme ; development of nurseries to support the area expansion, creation of infrastructure for infusion of modern micro-propagation technologies, development

of marketing & storage infrastructure, processing industries and proper market linkages will also be strengthened. The endeavor will be to double the production of horticultural crops in coming six years. In the first place, the focus will be to minimize the import of fruits and vegetables from other states and thereafter the marketable surplus will be planned for export.

3. PROJECT STRATEGY

3.1. In achieving the targeted area expansion under different crops the following strategies will be adopted.

1. Awareness building through extension and information dissemination on crop possibilities and market demand. The State Horticulture extension machinery as well as private sector will have a role to play in this regard.
2. Quality planting material - grafts, gootees, seedlings, micro-propagules - will be made available for orchard development - both through the Govt. machinery as well as through private sector participation. This will include seed material for tubers and spices, and certified seeds of vegetables and spices.
3. Technical support services will be made available at the doorstep of farmers to ensure adoption of appropriate crop production as per market demand and PHM technologies.
4. Special thrust will be given on production of quality planting material through establishment of nurseries both in private and public sector for meeting the internal consumption and export to other states. Accreditation of nurseries with National Horticulture Board (NHB) shall be ensured.
5. Floriculture sector will be developed along with protected cultivation of gerbera, rose, carnation etc. to meet the internal demand. Steps will be taken to produce gladioli corms in seed village programmes.
6. Protected cultivation of high value crops like capsicum, melons and cucumber will be taken up both in govt. and private sector. There is greater scope to export the green vegetables and flowers to Middle-East through the existing international airport in Bhubaneswar.
7. Water reserves will be created in farmer's field to provide water during lean periods.
8. Emphasis will be laid on post harvest management of fruits and vegetables along with cold chain management to reduce the losses.
9. Special thrust will be laid on Hilly / Tribal areas, including the KBK region, which have tremendous potential for mango, cashew, litchi, banana, host of spices, commercial cultivation of flowers and off-season vegetables. Decentralized Horticultural collection hubs in tribal areas will be linked with the market at Bhubaneswar, Cuttack, Vishakhapatnum, Raipur, Ranchi and Kolkota.
10. Emphasis will be given to farmers covered under the Forest Right Act to make them self-reliant and bring them out of spiral of poverty.
11. The convergence will be made with Odisha Tribal Empowerment & Livelihoods Programme (OTELP) / Tribal Dev. Department and NGO's for better implementation of projects.
12. Special attention will be given on pollination support through bee keeping.
13. During last six years number of big orchards have been developed in the state which are in need of improved machineries and implements to facilitate inter cultural activities like; pruning, training etc.
14. The State will strive to emerge as a major producer of cashew.

15. Organic farming in production of spices will be encouraged. Since much of traditional horticulture in Odisha has relied on organic methods ; the state has a strength in this area.

3.2. Marketing has been identified as the primary limiting factor in development of the Horticulture sector. A well-coordinated strategy will be followed for development of marketing infrastructure and market linkages. The following strategic interventions have been planned for:

- i. In promoting area expansion, choice of proper crops and varieties will be given priority as per market needs and to the needs of the processing units and exporters.
- ii. Development of market linkages through co-ordination & promotion of a chain of marketing operators viz. consolidators, traders, commission agents will made.
- iii. Establishment of appropriate Post Harvest Management Infrastructure will be accorded priority. While the private sector will be assigned primacy, the existing public sector agencies will also play a major role.
- iv. Market development will be based on a market study and a comprehensive Master Plan. This job would be assigned to a consultant.
- v. The supply chain facilities i.e. sorting / grading / packaging / storage and transportation will be strengthened. Provision will be made for development of collection centers and transportation to local markets.
- vi. A chain of cold storages and a network of refrigerated vans will be promoted at all important production centers identified through the above study in the cooperative / private / public sector.
- vii. For exploiting demand of Industrial / Urban markets of neighboring States development of trade channels will be encouraged.

viii. Working closely with APEDA for promoting export of surplus produce.

4. STRENGTH, WEAKNESS, OPPORTUNITIES & THREATS (SWOT) ANALYSIS:

4.1. Strength :

- I. Ten agro-climatic zones of the state are most suitable for growing of fruits, vegetable, flowers and spices
- II. Suitable high land and medium land are plentifully available which can be utilized for horticultural crops
- III. State has a number of Govt. farms and nurseries to produce quality planting materials
- IV. State has Agriculture universities and Krishi Vigyan Kendras / ICAR Institutions like CHES, CTCRI etc. to provide new and need based technologies
- V. Enactment of Fruit Nursery Act-1999 ensures control over producing QPM in the Private Sector.
- VI. Access to metropolises like Kolkata, Chennai, Mumbai and Delhi and other big cities shall be established to enhance the possibilities for export to other states
- VII. The varieties of mango particularly Dasherri which is harvested early in Odisha particularly in the districts of Mayurbhanj, Keonjhar, Dhenkanal etc. fetches a good market in North India.
- VIII. Restructuring of the directorate of Horticulture provides an opportunity to have outreach to farmers in all blocks.

4.2. Weakness

- i. Non availability of adequate planting material in T.C. Banana, Litchi, Orange, Gladioli etc.
- ii. Lack of budgetary indication at least one year before for advance action plan
- iii. Poor economic condition of small and marginal farmers

- iv. Lesser irrigation facilities
- v. Shortage of human resources in horticulture in Govt. sector
- vi. Absence of Air connection to major cities other than the metros
- vii. Slow pace in adoption of improved technology
- viii. Lack of infrastructure facilities for post harvest management and marketing
- ix. Inadequacy of trained manpower and infrastructure

4.3. Opportunities

- i. There is tremendous demand for fruits, vegetables and flowers in the State which otherwise is being met by import from other States.
- ii. There is scope for introduction and expansion of new crops and varieties.
- iii. Tremendous scope for establishment of processing units.
- iv. Availability of abundant suitable land for growing horticultural crops.
- v. Scope for protected cultivation of flowers, vegetables and also planting materials.
- vi. Scope for enhancing the availability of fruits and vegetables to the people for consumption as per national recommendations.
- vii. Scope to generate marketable surplus and also surplus for export
- viii. Scope of marketing for horticulture produce as it is expected to establish Modern Terminal Markets with hubs major hubs and number of spoke markets to come up in Sambalpur and Khurda area. Apart from this 50 rural markets in co-operative sector for up gradation is in progress. One food park at Khurda district is under operation. Besides One Mega Food Park has just been approved in the State. MSME corridor has been approved

from Choudwar in Cuttack to Jharsuguda and Rourkela which will have large number of processing units, after its operation.

4.4. Threats

- i. Uncertainty in weather conditions and frequent occurrence of natural calamities like flood, cyclone and drought.
- ii. Uncertainty about market stability and farmers do not get remunerative price.
- iii. Exploitation by middlemen in the market chain.
- iv. Poor economic condition of small and marginal farmers
- v. High incidence of pest and diseases.

5. IMPLEMENTING AGENCY

5.1. For implementing the Mission's programmes in the State a registered society designated the Odisha Horticulture Development Society (OHDS) has been formed under the Societies Act. The OHDS has a General Body headed by the Minister, Agriculture and an Executive Committee headed by the Chief Secretary. There is a Project Management Committee headed by the Agriculture Production Commissioner to take all day to day decisions.

5.2. The Society has branches in every District for implementation of the programmes in the Districts.

5.3. The State has a promotional agency, the Agriculture Promotion and Investment Corporation (APICOL) which will be entrusted the promotion of processing units and private sector investment in PH infrastructure. The State Agriculture Marketing Board will play a significant role in the creation of marketing infrastructure under the Mission. The Odisha Seed Corporation Ltd. and Odisha Cashew Development Corporation Ltd. will play vital role in supplying quality planting material.

5.4. The Director Horticulture who is the Member Secretary of the OHDS is the Principal Co-coordinator for all activities of the Mission.

6. SALIENT ASPECTS OF THE ANNUAL ACTION PLAN FOR 2012-13 :

6.1. A Technical Support Group (TSG) consisting of Scientists of OUAT, Deptt. Officers and members of the Central Govt. Research Institutes located at Bhubaneswar has been constituted for advising the Govt. in developing a strategy and preparing the Action Plan.

6.2. In developing the Action Plan, the thrust has been on area approach and promotion of Horticultural crops in compact patches and in cluster villages. The crops have been selected for each area to which they are most suitable from the agro climatic point of view. During 2012-13 dry land fruit crops like pomegranate , guava, custard apple, papaya & pineapple shall be taken up. Similarly it is also has proposed to take up new spices crops like onion and garlic.

6.3. Prevalent minimum wage rates have been used in determining the costs of cultivation. These cost norms have been adopted in calculating the requirement of funds for the area expansion activities under the programme

keeping in view the ceiling prescribed by National Horticulture Mission.

6.4. The Annual Action Plan has to be viewed as an integrated project covering 30 districts of the State to bring about equitable development of the sector in the State. But to facilitate of implementation, separate District Plans have been drawn up taking into account the potential of each District. The District Plan of Action with financial outlay for each District has been furnished. Besides, a summary statement as enclosed indicates the District-wise break up of the physical programme under the Annual Plan of Action.

6.5. The following major components have been included in the Action Plan

1. Plantation Development including supporting infrastructure
2. Post Harvest Infrastructure and Management
3. Mission Management

6.6. The financial outlay for implementation of the Annual Action Plan for 2012-13 is Rs.80.00 crore. The Central Govt. share is Rs.68.00 crore & the State Govt. share is Rs.12.00 crore.

| Sl. No. | Item | Amount proposed for 12-13 (Lakh Rs.) | % of total Outlay |
|---------|------------------------------------------------------------|--------------------------------------|-------------------|
| 1 | Plantation Development including supporting infrastructure | 5161.46 | 64.52 |
| 2 | Post Harvest Infrastructure and Management | 2165.00 | 27.06 |
| 3 | Activities of the Commemorate of Horticulture year 2012 | 130.00 | 1.63 |
| 4 | Mission Management | 543.54 | 6.79 |

DETAILED PLAN OF ACTION - 2012-13

In view of the discussion in the preceding chapters detailed Action Plan 2012-13 has been worked out as per prevailing guidelines under National Horticulture Mission. Any changes in the rates under different components would proportionately enhance the financial projections.

1. PLANTATION DEVELOPMENT INCLUDING SUPPORTING INFRASTRUCTURE:

1.1 Production of Planting Material:

1.1.1. Model Nurseries will be developed to step up the production of quality planting material both in public and private sectors. Till date there are 166 registered private nurseries in the State that are producing more than 46 lakhs planting material. Besides, Departmental farms are also producing about 22 lakhs planting material. The main objective of the scheme is to cater the demand of the farmers by supplying good quality planting materials and export the

balance planting material to the neighboring states. Simultaneously, it also helps itself-employment by creating employment opportunity.

1.1.2. The subsidy under public sector will be utilized in departmental farms / nurseries and other Govt. institutions for development / establishment. The assistance under establishment of nursery in private sector is credit linked back ended. The assistance will be released to the concerned districts after getting the approval from the concerned District Mission Committee / Bank sanction order. Till now 50 model nurseries are in progress in the Departmental farms, where as 7 such nurseries are established under different Govt. Organizations like OSCDC, OUAT, CHES, RPRC & BOAA. Similarly, 65 small nurseries are in progress in the Departmental farms, where as 3 nurseries have such nursery have been established through OSCDC. After introduction of credit linked back-ended subsidy

(Fig. in Lakh Rs.)

| Component | Physical Prog. Prog. | Rate of Assistance Asst./Unit (Rs.) | Financial |
|---------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------|
| i. Public Sector | | | |
| a. Model Nursery (2-4ha.) | 3 | Max. of Rs.25.00 lakh / nursery | 75.00 |
| b. Small Nursery (1 ha.) | 5 | Max. of Rs.6.25 lakh / nursery | 31.25 |
| ii. Private Sector | | | |
| a. Model Nursery (2-4ha.) | 5 | Credit linked back-ended subsidy @ 50% of the cost of project limited to Rs.12.50 lakh per nursery for individual entrepreneur. | 62.50 |
| b. Small Nursery (1 ha.) | 10 | Credit linked back-ended subsidy @ 50% of the cost of project limited to Rs.3.125 lakh per nursery for individual entrepreneur. | 31.25 |
| Total | 23 | | 200.00 |

guideline, 41 model nurseries and 67 small nurseries have been setup under Private Sector. The production potential of the nursery is about 2.88 lakh per annum for model nursery and 0.77 lakh per annum for small nursery.

1.1.3. The model nurseries and small nurseries proposed below will produce about more than 35.16 lakh planting material annually. The model nurseries and small nurseries in the public sector will be developed on the land available

under the control of the Director, Horticulture / other Govt. Institutions.

1.2. Setting of New Tissue Culture Unit :

1.2.1. Good quality planting material, free from disease is essential for better production of fruits. It is proposed to set up two new tissue culture units in the state to produce 10 lakhs plants of mandated crops in private sector as credit linked back ended subsidy @ 50% of cost.

| Component | Physical Prog. | Rate of Assistance Asst./Unit (Rs.) | Financial Prog. (Lakh Rs.) |
|------------------------------------|----------------|----------------------------------------------------|----------------------------|
| Setting up new Tissue Culture Unit | Two | Credit linked back-ended subsidy @ 50% of the cost | 50.00 |

1.3. Vegetable Seed Production

1.3.1. The soil and climate of Odisha is favorable for growing a variety of vegetables throughout the year. The per capita availability of vegetable remains higher than the daily recommended requirement of 285 gms. Vegetables are being grown throughout the state with an area of 6.94 lakhs ha and production of 89.61 lakhs tones (2009-10). Major vegetables cultivated in the state are brinjal, tomato, cole crops, okra and cucurbits. The average productivity of vegetables in the state is 12.9 tones/ha against national average of 13.92 tones/ha.

1.3.2. Availability of quality seeds is of utmost importance for increasing the vegetable production and productivity. Vegetable growers recognize quality seed of improved varieties as the most strategic resource for higher and better vegetable yields. It is proposed to take up 25 ha different types of vegetable seed production in departmental farms @ Rs. 50000/- per ha to cater to the need of the vegetable seeds of the state. It will enable to produce and distribute quality seeds to the farmers after necessary processing.

1.3.3. Similarly in private sector it is proposed to take up 150 ha of vegetable seed

| Component | Physical Prog. | Rate of Assistance Asst./Unit (Rs.) | Financial Prog. (Lakh Rs.) |
|-------------------------------------------------|----------------|------------------------------------------------------------------------------------|----------------------------|
| Vegetable seed production in departmental farms | 25 ha | 100% of total cost i.e. Rs.50000/- per ha | 12.50 |
| Vegetable seed production in private Sector | 150 ha | 50% of total cost subject to Rs.25000/- per ha as credit linked back ended subsidy | 37.50 |

production at 50% of the total cost subject to Rs 25000/ha as credit linked subsidy. The seeds so produced in both department and private farms will be utilized in the state after seed processing.

2. ESTABLISHMENT OF NEW GARDENS:

2.1. Banana Tissue Culture:

2.1. It has also been programmed to take up 200 ha. under tissue culture banana cultivation. The rate of assistance is Rs.41602/- per ha. limited to 4ha. per beneficiary in 2 installments of 75:25. The planting material (TC plantlet) will be procured from RPRC / OUAT / NSC / other national level supplies. The subsidy

is allowed to the farmers for cultivation of T.C. banana in a minimum area of 0.25 ha. to maximum 4.0 ha. in a compact patch.

2.2. Pineapple

2.2.1. There is a programme to take up 20 ha pineapple cultivation of plants of Kew, queen and Mauritius varieties by giving 75% assistance of cost of cultivation subject to maximum of Rs.30000/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation will be made available through open tender.

2.2.2. The component wise physical and financial programmes for 2012-13 are as follows:

(Fin. in Lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/ unit | Financial Programme |
|-----------------------|------|--------------------|-------------------------------------------------------------------|---------------------|
| Banana Tissue Culture | ha. | 200 | 50% of cost limited to Rs.41602/ ha. in 2 installments of 75 : 25 | 62.40 |
| Pineapple Sucker | Ha. | 20 | 50% of cost limited to Rs.32500/ ha. in 2 installments of 75 : 25 | 4.88 |
| Total | | 220 | | 67.28 |

2.3. Mango:

2.3.1. In Odisha extensive area is available under mango plantations but most of these are of non descript variety. Mango is grown over an area of 1.90 lakh ha. in the state. Odisha is also known for early variety of Mangoes. But such areas are only confined to Mayurbhanj, Keonjhar and Dhenkanal districts. Prior to NHM sporadic plantations of Dasherri, Langra, Bombay green, Gulabkhas, Amrapalli variety were in existence. These gardens were auctioned and mango fruits were

taken to North India for marketing. The Odisha population largely remained dependent on imported mango from Andhra Pradesh and West Bengal, mostly Baganpalli as because the most of the existing orchards are old and senile with low productivity. Moreover, the agro-climatic zone prevailing in Odisha also favours both horizontal and vertical expansion of mango. There is a programme to take up new plantation under Mango Normal over an area of 1275.76 ha. of variety Amrapalli,

Baganpalli, Dasher, Totapuri, Mallika, Neelam etc. by allowing 75% of assistance for cultivation subject to a maximum of Rs.16,500/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year (60% of subsidy amount will be released to the beneficiary in the plantation year in 2 installment). The target is much less compared to last year as the focus will be on providing requested PHM facilities and market linkages besides enhancing coverage under pulp varieties. The quality planting material available in our state both in departmental / private nurseries will be utilized for this purpose. An expert team constituted by Govt. for verification of quality / availability of the planting materials before procurement from the registered private nurseries. Similarly, provision has also been made for cultivation of Mango under High-density over an area of 10 ha. The rate of assistance is 50% of cost limited to Rs.40000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd year & 90% in 3rd year.

2.3.2. The subsidy is allowed to the individual farmer for mango cultivation with a minimum area of 0.4ha. to maximum 4.0 ha. in a compact patch. Beneficiaries are selected well ahead of planting season in consultation with Local Gram Panchayat & the village committees functioning in the concerned areas. Emphasis has also been given to those beneficiaries' adjacent areas of watershed by involving the watershed development committee. Besides, It is also proposed to distribute mango grafts at a

subsidized rate to the beneficiaries for their backyard plantation with an objective not only to supplement their nutrition but also for additional income. Such back yard plantation will not exceed 1 % of total area programmed.

2.4. Litchi :

2.4.1. The microclimate prevails in the western part and some specific pockets of Odisha also favour for litchi plantation. To create market potentiality in litchi, it is programmed to take up litchi plantation over an area of 100 ha. of variety Muzafarpur, China by assisting 75% of the cost of cultivation subject to maximum of Rs.21923/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The requirement of quality planting material for new plantation of litchi will be met from departmental farms / registered private nurseries / research institutes both inside / outside the state.

2.5. Citrus (Orange / K.Lime) :

2.5.1. Among fruit crop plantations, Citrus is also a major crop cultivated in Odisha. There is a programme to take up over an area of 100 ha. citrus cultivation of Nagpur Santra, Kinnow & local K.Lime variety by giving 75% of assistance of cost of cultivation subject to maximum of Rs.25005/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation is met from deptt. farms / registered private nurseries from both inside / outside the state.

2.6. Pomegranate:

2.6.1. There is a programme to take up 50 ha pomegranate cultivation of grafted plants by giving 75% assistance of cost of cultivation subject to maximum of Rs.30000/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation will be made available through open tender.

2.7. Guava

2.7.1. There is a programme to take up 90 ha guava cultivation of grafted plants of Allhabad safeda, Lucknow-49 and VNR-VIHI varieties by giving 75% assistance of cost of cultivation subject to maximum of Rs.16463/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation will be made available through open tender.

2.8. Custard-apple

2.8.1. There is a programme to take up 50 ha custard apple cultivation of grafted plants of Balnagar and other promising varieties by giving 75% assistance of cost of cultivation subject to maximum of Rs.30000/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation will be made available through open tender.

2.9. Papaya

2.9.1. There is a programme to take up 68 ha papaya cultivation of plants of co-1, honeydew and other hybrid varieties by giving 75% assistance of cost of cultivation subject to maximum of Rs.30000/- per ha. for maximum 4ha. per beneficiary for a period of 3 years at a ratio of 60:20:20 having survival rate of 75% during 2nd year and 90% during 3rd year. The planting material required for plantation will be made available through open tender.

2.10. The components wise physical and financial programmes for 2012-13 is as follows:

| Component | Unit | Physical Progr. | Rate of Assistance / unit | Financial Prog. (Lakh Rs.) |
|--------------------|------|-----------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Mango Normal | ha. | 1275.76 | 75% of cost limited to Rs.16500 / ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 126.30 |
| Mango High Density | Ha. | 10 | 50% of cost limited to Rs.40000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 2.40 |
| Litchi | ha. | 100 | 75% of cost limited to Rs.21923/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 13.15 |

| | | | | |
|---------------|-----|----------------|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| Citrus | ha. | 100 | 75% of cost limited to Rs.25005/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 15.00 |
| Pomegranate | ha | 50 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 9.00 |
| Guava | Ha | 90 | 75% of cost limited to Rs.16463/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 8.89 |
| Custard apple | Ha | 50 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 9.00 |
| Papaya | Ha | 68 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 12.24 |
| Total | | 1743.76 | | 195.99 |

2.11. Maintenance of Fruits (Perennial) :

2.11.1. For success of the plantation programme and proper growth of the plants, it is proposed to give maintenance for plantation crops taken up in previous year as per NHM guidelines. There is provision to give maintenance for the plantation programme taken up during 2010-11 & 2011-12. The subsidy of maintenance of

the plantations is given to farmers after assessing the survival percentage as per the norm. 20% of subsidy amount will be released to the beneficiaries for 1st year & 2nd year maintenance as per survival report. The cost of maintenance is proposed as per the pervious structure. The physical and financial provision is given in the table.

2.11.2. The physical and financial programmes for 2012-13 is as follows

| Component | Unit | Physical Progr. | Rate of Assistance / unit | Financial Prog. (Lakh Rs.) |
|----------------------------------|------|-----------------|---------------------------|----------------------------|
| 2nd year maint. of Mango | ha. | 9150 | Rs.3300/- per ha. | 301.95 |
| 1st yr. maint. of Mango | ha. | 9000 | Rs.3300/ - per ha. | 297.00 |
| 2nd year maint. of Litchi | ha. | 90 | Rs.4385/- per ha. | 3.95 |
| 1st year maint. of Litchi | ha. | 200 | Rs.4385/ - per ha. | 8.77 |
| 2nd year maint. of Citrus | ha. | 150 | Rs.5001/- per ha. | 7.50 |
| 1st year maint. of Citrus | ha. | 300 | Rs.5001/ - per ha. | 15.00 |
| 1st year maint. of Banana Sucker | ha. | 350 | Rs.5625/ - per ha. | 19.69 |
| 1st year maint. of Banana TC | ha. | 100 | Rs.10401/ - per ha. | 10.40 |
| Total | | 19340 | | 664.26 |

2.12. The implementing agency of the above programme is Directorate of Horticulture. The beneficiaries are selected by the field staff involving the Panchayat Raj Institution. The plantation programme taken up by ITDA / Watershed / other govt. agencies under NHM mode shall be approved by the concerned District Management Committee prior to implementation of the same. The quality planting materials will be supplied to the selected beneficiary by the department on deposit of 25% of the cost of the planting material as his share. The balance subsidy in respect of cost of cultivation will be released in shape of A/C payee cheque / demand draft in two installments. The

endeavor shall be to cover plantations in compact patches and cluster of villages. However, for planting in the backyard of individual beneficiary subsidy of maximum 75% will be allowed only on the cost of the planting material.

3. MUSHROOM

3.1. There is wide scope for cultivation of paddy straw and oyster mushroom in Odisha. In the sub urban areas cultivation of mushrooms is a profitable enterprise as the demand of the mushroom is increasing. Small scale units have been established but it needs more commercialization, for which provision has been made in the Annual Action Plan.

3.1.1. The component wise physical and financial programme for 2012-13 is as follows

(Fin. in lakh Rs.)

| Component | Physical Programme | Rate of Assistance/ unit | Financial Programme |
|---------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|---------------------|
| Integrated mushroom unit for spawn, compost production and training in Private Sector | 3 | 50% of the cost for meeting the expnd. on infrastructure, as credit linked back ended | 75.00 |
| Spawn making unit in Private Sector | 3 | 50% of the cost as credit linked back ended | 22.50 |
| Total | 6 nos. | | 97.50 |

4. Flowers :

4.1. The area under floriculture is gradually increasing due to increase in demand of flower in the urban areas. Of late floriculture is also showing excellent prospects. Due to establishment of Flower Mandi and flower kiosk in the name of "Kusum Batika" in collaboration with Bhubaneswar Municipal Corporation, the forward linkage in marketing has been strengthened. Such infrastructures shall also be established in other major cities of the State, which will further facilitate marketing of the flowers. This has ultimately created interest

among the farmers to cultivate flowers in larger areas so that the import of flowers has been minimized. It is programmed to provide assistance to small & marginal farmers and other farmers for cultivation of flower over an area of 650 ha. with a financial outlay of Rs.214.70 lakh. The physical and financial programme and the rate of assistance are furnished below:

4.1.1. The endeavor should be to cover cultivation in compact patches and cluster of villages for better marketing facility and produce

(Financial in Lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/unit | Financial Programme |
|-------------------------------------------|------|--------------------|----------------------------------------------------------------|---------------------|
| Cut Flowers (Rose, Gerbera etc.) | | | | |
| Small & Marginal Farmer | Ha. | 100 | 50% of the cost @ Rs.35000/ha. limited to 2ha. per beneficiary | 35.00 |
| Other Farmer | Ha. | 100 | 33% of the cost @ Rs.23100/ha. limited to 4ha. Per beneficiary | 23.10 |
| Bulbous Flowers (Gladioli, Tuberose etc.) | | | | |
| Small & Marginal Farmer | Ha. | 150 | 50% of the cost @ Rs.45000/ha. limited to 2ha. per beneficiary | 67.50 |
| Other Farmer | Ha. | 300 | 33% of the cost @ Rs.29700/ha. limited to 4ha. per beneficiary | 89.10 |
| Total | | 650 ha. | | 214.70 |

the high bouquet of flowers as requested in the market. The minimum area for floriculture is 0.1 ha. to maximum 2 - 4 ha. for individual farmer. However, individual small & marginal farmer can take up 2 ha. & other farmer 4 ha. in a compact patch. The quality planting materials are to be procured from private nurseries inside the state & from outside through Govt. agencies which are to be supplied to the beneficiaries. The planting material will be supplied to the farmers free of cost.

5. Rejuvenation Of Old Orchard

5.1. Due to preponderance of old senile trees and poor management of inputs such as water, nutrient and pesticides the productivity has decreased. During 2012-13 it is programmed to take up 1700 ha of rejuvenation in orchards. With an assistance of 50% of the cost subject to a maximum of Rs.15000/- per ha limited to 2 ha per beneficiary.

(Fin. in lakh Rs.)

| Component | Physical Programme | Rate of Asst./Unit (Rs.) | Financial Programme |
|-----------------------------------------------------|--------------------|----------------------------------------------------------------------------------|---------------------|
| Rejuvenation of old orchard (mango, litchi, Cashew) | 1700 ha. | 50% of the cost subject to a max of Rs.15000/ha. limited to 2ha. per beneficiary | 255.00 |

6. Spices :

6.1. Spices like Ginger and Turmeric are generally cultivated by the Tribals at Kandhamal, Koraput & few other interior districts in large scale. But the varieties grown are mostly traditional ones. An AEZ has been established for Ginger & Turmeric in the districts of Koraput and Kandhamal district. Assistance will be provided to encourage farmers to

cultivate high yielding varieties of Turmeric (Roma, Surama, Ranga, Rashmi, Allepy, Lakadong & Rajendrasonia etc.) and Ginger (Suprava & Suruchi etc.). Besides, Onion and Garlic are also cultivated in some pockets of the State. Keeping the demand of the farmers of the State, Onion and Garlic has also been included during this year. Programme has been chalked out for 2400 ha. with a financial outlay of Rs.300.00 lakh. The planting materials will be

supplied to the beneficiaries out of the subsidy amount. Since quality planting material is a major constraint it is desirable to give smaller units to cover large number of beneficiaries. However, more units can be provided to an individual farmer observing land suitability &

ability. As a preparatory arrangement spices like Ginger & Turmeric, the seed materials are being collected from the farmer's field of the state through Govt. owned agencies after verification by the expert team for quality parameters.

2.9.2. The details physical and financial programme is given below :

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/unit | Financial Programme |
|-----------|------|--------------------|-----------------------------------------------------------------------------------|---------------------|
| Ginger | Ha. | 500 | 50% of the cost subject to a max. of Rs.12500/ha. limited to 4ha. per beneficiary | 62.50 |
| Turmeric | Ha. | 1900 | | 237.50 |
| Total | | 2400 | | 300.00 |

7. Creation of Water Resources

7.1. To ensure life saving irrigation to horticulture crops creation of water sources is very much essential through construction of community tanks, farm ponds/reservoirs with plastic / RCC lining. This scheme will be in convergence with (MGNREGS) where ever possible. These water bodies may be linked with Micro Irrigation facilities for judicious use of water. Cost is estimated at Rs.15 lakhs per unit for an area of 10 ha of command with ponds / tank size of 100m x 100m x 3m owned and managed by community / farmers group. For

smaller size of the ponds / tanks, cost will be admissible on pro rata basis, depending upon command area. Assistance under NHM will be limited to cost of plastic / RCC lining. However, for no (MNREGS) beneficiaries, 100% assistance will be provided including the cost of plastic/RCC lining. Maintenance of the water source will be responsible of the community.

7.1.2. Assistance would also be provided for creating water source through construction of farm ponds/dug wells for individuals. The cost of estimated @ Rs.1.20 lakhs unit in plan area and Rs.1.38 lakhs in Hilly areas for storage of

7.1.3. The Proposed physical and financial as follows

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/unit | Financial Programme |
|--------------------------------------------------------------------|------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| use of plastic lining farm pond | Nos. | 5 | 100% of the cost for 10 ha of command area with pond size of 100m x 100m x 3m or any other smaller size on pro rata basis depending upon the command area, owned and managed by a community/farmers group | 75.00 |
| water harvesting sys for individual (20mx15mx3m) @ Rs. 100 for cum | Nos. | 200 | 50 % of the cost including linking. For small size of the ponds / dugwells, cost will be admissible on pro rata basis | 120.00 |
| Total | | 205 | | 195.00 |

water in 20m*20*3m ponds/dug wells Rs. 100/- cubic meter for command area of 2 ha. for smaller size of the ponds/dug wells, cost will be admissible on pro rata basis upon the command area. This will also be in conjunction with (MNREGS). However for non MNREGS beneficiaries, assistance @ 50% of cost will be provided including the cost of plastic/RCC lining. Maintenance of the asset will be responsibility of beneficiary.

8. Plantation crops including coastal horticulture (Cashew) :

8.1. Maintenance:

8.1.1. The new areas under cashew plantation are not proposed under NHM as

8.1.2. The proposed physical and financial programme is as follows :

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/unit | Financial Programme |
|---------------------------|------|--------------------|-------------------------|---------------------|
| 2nd year maint. of Cashew | Ha. | 2000 | Rs.4000/- per ha. | 80.00 |
| Total | | 2000 | | 80.00 |

9. Protected Cultivation :

9.1. Very often the programme of planting material production gets impeded due to adverse weather conditions i.e. heavy rainfall and extreme heat condition. It is desirable to grow seedlings & grafts under protected conditions where the temperature, sunlight and

the same shall be proposed under Director, Cashew Cocoa Devt. Corporation. The maintenance of the previous year plantation taken up under NHM is proposed for success of the plantation programme and proper growth of the plants. The subsidy of maintenance of the previous year (2010-11) plantation is given to farmers after assessing the survival percentage as per the norm. 20% of subsidy amount will be released to the beneficiaries for 2nd year maintenance as per survival report. The cost of maintenance is proposed as per the previous structure for which provision has been provided for maintenance of these plantations.

the relative humidity of the micro environment remain under control by constructing green house / shade net house. There is also a provision for mulching to control evaporation of soil moisture & also restrict the growth of weeds. Provision has been made with a financial outlay of Rs. 816.99 lakh as per the breakup given below:

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance/unit | Financial Outlay |
|--------------------------------------------------------|-------|--------------------|-------------------------------------------------------|------------------|
| I. Green House Structure (Naturally Ventilated System) | | | | |
| Bamboo Structure | Sq.m. | 5000 | 50% of the cost limited to 4000 Sq.m. per beneficiary | 3.09 |
| Wooden Structure | Sq.m. | 1200 | | |
| Tubular Structure | Sq.m. | 75000 | | 350.63 |

| | | | | |
|------------------------------------------------------------------------------|-------|-------|--------------------------------------------------------------------------------------|---------------|
| II. Plastic Mulching | Ha | 1000 | 50% of the cost subject to a max. of Rs. 10000/- ha. limited to 2 ha per beneficiary | 100.00 |
| III. Shadenet House | | | | |
| Bamboo Structure | Sq.m. | 50000 | 50% of the cost limited to 4000 Sq.m. per beneficiary | 75.00 |
| Wooden Structure | Sq.m. | 10000 | | 20.50 |
| Tubular Structure | Sq.m. | 75000 | | 225.00 |
| cost of planting material of high value vegetables grown in poly green house | Sq.m. | 10000 | | 5.25 |
| cost of planting material of commercial flower grown in poly green house | Sq.m. | 10000 | | 25.00 |
| Plastic tunnels | ha | 1000 | 50% of the cost limited to 1000 Sq.m. per beneficiary | 0.15 |
| IV. Anti Bird/ Anti Hail Nets | Sq.m. | 30000 | 50% of the cost limited to 5000 Sq.m. per beneficiary | 3.00 |
| Total | | | | 816.99 |

10. Promotion of IPM / INM :

10.1. Integrated Pest Management and Integrated Nutrient Management is preferred to chemical control of pests in view of environmental and health hazards associated with the large scale use of inorganic pesticides and for better production & productivity. There is a programme to provide assistance @ Rs.1000/- per ha. to the farmers to take up integrated pest management over an area of 400 ha. with a financial outlay of Rs. 4.00 lakh.

11. Organic Farming :

11.1. Organic farming in horticulture is becoming increasingly important. Its environmental and economic benefits have captured attention in many countries. Consumer's demand for organically produced food products and society's demand for more sustainable development provide new opportunities for farming and business around the world. It is proposed to take up 7000 ha of organic cultivation along with certification

within an amount of 280 lakh. During 2011-12, organic cultivation of cashew, k.lime and vegetables has already taken up over an area of 2500 ha. for which provision has also been made for giving assistance for 2nd year cultivation. Similarly compost is one of the nature's best mulches and soil amendments. Compost improves soil structure, aeration and water-holding capacity. The quality and quantity of organic manures play a vital role in the maintenance of soil quality in sustainable agriculture production. It is estimated that in cities and rural areas of India nearly 700 million tones organic waste is generated annually which is either burned or land filled. There is an urgent need to compost all available organic wastes from cities and towns. The recycling of crop residues and organic wastes through composting methods is the key technology for disposal and production of organic manures and reduction of environmental pollution. A technology for recycling of organic wastes by earthworms has been developed. A provision

has been made for establishment of vermi compost units of the HDPE Vermi bed (12'x4'x2') so that vermi compost can be easily made available with the farmers. It is proposed to construct 10000 nos. HDPE Vermi Bed with

financial outlay of Rs.500.00 lakh. Provision has also been made for Certification of the organic cultivation of an area of 7000 ha. and for 2nd year 2500 ha.

11.2. The physical and financial programme is as follows:

| Component | Unit | Physical Programme | Rate of Assistance / unit (Rs.) | Financial Outlay |
|--------------------------------------------|------|--------------------|-----------------------------------------------------------------------------------------------|------------------|
| Organic cultivation | ha | 7000 | 50% of cost ltd. to Rs. 10000 ha for a max. area of 4 ha for beneficiaries. Rs. 4000 / ha. | 280.00 |
| Assistance for 2nd year on Organic Farming | ha | 2500 | Rs.3000/- / ha. in 2nd year | 75.00 |
| HDPE Vermi bed (12' X 4' X 2') | nos. | 10000 | 50% of cost conforming to be size of 96 cft | 500.00 |
| Certification | ha | 7000 | Rs.500000/- lakhs for a cluster of 50 ha. Rs. 1.5 lakhs in 1st year | 210.00 |
| Assistance for 2nd year on Certification | ha | 2500 | Rs.1.5 lakh for 50 ha. | 75.00 |
| Total | | | | 1140.00 |

12. Pollination Support through Beekeeping :

12.1. Honey bee is considered to increase the pollination thereby addition to the yield of the crops. Bee colonies established in the orchards shall not only increase the crop production but also shall add to the income of the farmers. It is

proposed to provide assistance for 8000 Honey bee colonies, 8000 Hives and equipment for honey bee extractor @ 50% of cost with a financial outlay of Rs.176.00 lakh. The assistance will be administered through Director of Horticulture.

12.2. The details physical and financial break up is given below :

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance / unit | Financial Programme |
|---------------------------------------------------------------------------------------|------|--------------------|--------------------------------------------------|---------------------|
| Honey bee colony | Nos. | 8000 | 50% of cost limited to 50 colonies / beneficiary | 56.00 |
| Hives | Nos. | 8000 | 50% of cost limited to 50 colonies / beneficiary | 64.00 |
| Equipment including honey extractor (4 frame), food grade container (30kg), net, etc. | Nos. | 800 | 50% of cost limited to one set per beneficiary | 56.00 |
| Total | | | | 176.00 |

13. Horticulture Mechanization :

13.1. Most of the horticultural activities are labor intensive. So to reduce the cost of cultivation and to decrease the human drudgery farm mechanization shall be promoted. Mechanization also helps to carry out the timely farm operations. Hence, it is proposed to provide

assistance under power operated machines / tools including power saws and power tillers etc. to the farmers for smooth operation of horticultural activities. Hence it is proposed to take up Horticulture Mechanisation with a financial outlay of Rs. 400.00 lakh. The detailed physical and financial break up is given below:

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance / unit | Financial Programme |
|--------------------------------------------------------------------------------------|------|--------------------|------------------------------------------------|---------------------|
| Power operated machines / tools including Power Saw and | Nos. | 400 | 50% of cost limited to one set per beneficiary | 70.00 |
| Plant Protection equipments etc. Power machine (up 20 BHP) with rotovator/ equipment | Nos. | 400 | 50% of cost limited to one set per beneficiary | 240.00 |
| Import of new machine tools | Nos. | 3 | 50% of cost limited to one set per beneficiary | 75.00 |
| Power machine (up 20 BHP and above including accessories / equipments) | Nos. | 10 | 50% of cost limited to one set per beneficiary | 15.00 |
| TOTAL | | | | 400.00 |

14. HRD including Horticulture Institute :

14.1. Training of the farmers inside the state includes plantation training, INM/IPM training, Post Harvest Management training etc. Training will be provided to the farmers who will take up plantation & other allied activities. The training activity will be carried out both by Govt. sector as well as private & NGO's. Assistance will be provided to the agencies involved in the training programme @ of Rs.750/- per day per farmer.

In order to familiarize the farmers about the production practices being followed in other states, training-cum-exposure visits outside state will be organized for a minimum period of 5 days. Assistance of Rs.2000/- per day per farmer for inside and Rs.5000/- per day per farmer for outside will be provided.

Trainers at the level of district officers / subdivision officers / field functionaries will be trained in the modern technological advances in horticulture at various ICAR Institutes in or outside the state. The officers in turn, will train the staff & farmers in their respective jurisdiction. Periodical training of the staff and officers is also required to update their knowledge about latest development in horticulture sector the cost of which will be met under this component.

School of Horticulture, Khurda / Horticulture Training Institute at Kandhamal are engaged in imparting training to the gardeners and grafters employed under the Horticulture Directorate. These institutes are also imparting training to the unemployed youth for self employment for last 4 years under this component. The financial assistance will be

provided for strengthening infrastructure of the institute along with the funds for conducted training programme on Gardeners. Training will be imparted on bed preparation / planting / grafting / IPM / INM / Nursery management etc. to unemployed youth so that they became entrepreneurs or self employed in horticulture sector and to create skills for employability in

the horticulture units / farms & up grade their knowledge. Emphasis will be given to hands - on training rather than theory. It proposed to take up 600 nos. at School of Horticulture, Khurda & Horticulture Training Institute, Kandhamal under gardeners training of 6 months duration each.

14.2. The details of various programmes under this component have been furnished below with a total financial outlay of Rs. 228.75 lakh. (Fin. in lakh Rs.)

| Component | Physical Programme | Rate of Assistance / unit | Financial Programme |
|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------|---------------------|
| Gardeners Training | 300 nos. | 100% of the total cost | 90.00 |
| Training of farmers within the District | 4000 nos. | 100% of the total cost | 16.00 |
| Within the State (5 days) | 2500 nos. | 100% of the total cost (5 days) | 50.00 |
| Outside the State (5 days) | 1500 nos. | 100% of the total cost | 45.00 |
| Within the State | 500 nos. | 100% of the total cost (Rs.500 / day per participant) | 1.00 |
| Study tour to progressive States / units (group of minimum 5 participants) (7 days) | 500 nos. | 100% of the total cost | 22.75 |
| Total | | | 254.75 |

15. POST HARVEST INFRASTRUCTURE AND MANAGEMENT

15.1. Post harvest management is very crucial to minimize loss and to enhance the marketability of the produce through proper packing, sorting, grading, storage and processing. Due to inadequate market infrastructure, lack of proper market linkage and market intelligence, the marketable surplus gets damaged right in the production center and the farmers do not get proper price for their produce. It is therefore, essential that pack houses, cold storages, refrigerated vans, mobile processing unit, ripening chamber, cashew processing unit, low cost onion storage structure etc. are to be promoted by providing assistance to the entrepreneurs. The subsidy on this account will be administered through DHO.

Funds will also be provided to Odisha State Agriculture Marketing Board / Private Entrepreneurs to gather and disseminate market intelligence to benefit the growers.

15.2. For creating better marketing facilities to the farmers to sell their produce it is desirable to construct 1 Terminal market in Odisha. So it is proposed for construction of Terminal market at Sambalpur district by giving a subsidy of Rs.50.00 lakh under the scheme.

15.3. Regarding rural markets, producing areas are not having even basic facilities of grading, sorting, packing for distance marketing. It is therefore proposed to strengthen rural market in each related districts. Rural markets in co-operative sector for up gradation are in progress in the State.

15.4. The physical and financial programme of the Post Harvest Management & Infrastructure are given below:

(Fin. in lakh Rs.)

| Component | Physical Programme | Rate of Asst./ Unit (Rs.) | Financial Programme |
|------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Pack House / On farm collection & storage unit (Size 9 x 6m) | 500 | 50% of the capital cost of Rs.3.00 lakh per unit | 750.00 |
| Pre cooling Unit | 30 (Rs. 15 lakhs for six MT) | Credit linked back-ended subsidy @ 40% of the cost of project in general case and 55% in the case of hilly & scheduled areas | 180.00 |
| Cold Storage Units | 3 (Rs 6000/MT) | | 360.00 |
| Modernization of existing cold storage in public sector | 4 | | 80.00 |
| Ripening Chamber (40 MT) | 6 (Rs.1 Lakh /MT) | | 96.00 |
| Refer Vans / containers (6MT) | 10 (Rs. 24 lakhs/ unit for 6 MT capacity) | | 96.00 |
| Cashew nut Processing Unit | 10 | | 60.00 |
| Cashew Modernization | 10 | | 60.00 |
| Preservation Unit under public sector (low cost) (Up gradation) | 10 | | 100% of the cost of Rs.1.00 lakh per unit |
| Preservation Unit (low cost) (New) | 2 | 50% of the cost of Rs.2.00 lakh per unit | 2.00 |
| Onion Storage Structure (25 MT / 50 MT / 100 MT / 200 MT) | 260 (6500 MT) | 50% of the cost of Rs.4000 / MT | 130.00 |
| Pusa Zero Energy Cool Chamber (100 kg.) | 500 | 50% of the cost of Rs.4000/ unit | 10.00 |
| Evaporative / low energy cool chamber (8 MT) | 30 | 50% of the total cost | 60.00 |
| Estt of Terminal market | 1 | 25% to 40% (limited to Rs.50.0 crore) as PPP mode / Capital cost Rs.150.0 crore / project | 50.00 |
| Functional Infrastructure primary collection center, sorting, grading, packing units. | 10 (Rs.15 lakhs / Unit) | Credit linked back-ended subsidy @ 40% of the cost of project in general case and 55% in the case of hilly & scheduled areas | 60.00 |
| Up gradation of Mandi | 10 (Rs.15 lakh / unit) | | 60.00 |
| Rural Market / Apni Mandi | 10 (Rs. 20 lakhs / Unit) | | 80.00 |
| Static / Mobile vending Cart/ platform with cool chamber | 100 (Rs. 30000 / Unit) | 50% of total cost | 15.00 |
| Market extension, quality awareness & market led extension activities for fresh products | 2 | 100% assistance to Public sector / Capital cost Rs.3.00 lakh per event | 6.00 |
| Total | | | 2165.00 |

16. ACTION PLAN TO COMMEMORATE THE YEAR OF HORTICULTURE

16.1. Govt. of India have declared 2012 as year of horticulture. In order to make the people aware about horticultural activities and shift from traditional agriculture to commercial horticulture, it is proposed to organize workshops for farmers on good practices in vegetable culti-

vation, fruits, bee keeping, organize exhibition on fruits, flowers, vegetables. Beside that workshops on market extension, quality awareness and market led extension activities shall be taken up. State level work shop on post harvest management, productivity improvement in horticultural crops shall be organised in collaboration with Govt. India institutions and OUAT.

16.2. The details of the Programme are as follows:

(Fin. in lakh Rs.)

| Component | Physical Programme | Rate of Asst./ Unit (Rs.) | Financial Programme |
|-----------------------------------------------------------------------------------------------------------|--------------------|---------------------------|---------------------|
| Training-cum - workshop on bee keeping | 2 nos. | One lakh | 2.00 |
| District level vegetable exhibition | 30 nos. | One lakh | 30.00 |
| State level workshop on post harvest management | 1 no. | 3 lakh | 3.00 |
| State level fruit exhibition along with interactive work shop (2 days) | 1 no. | 5 lakh | 5.00 |
| State level workshop on productivity improvement in hort. | 1 no. | 5 lakh | 5.00 |
| Work shop on market led extension, quality awareness | 1 no. | 5 lakh | 5.00 |
| State level work shop on creation of living hood, empowerment and tribal up-liftment through Horticulture | 1 no. | 5 lakh | 5.00 |
| National work work shop on cool chain solution | 1 no. | 10 lakh | 10.00 |
| Horticulture mela in collaboration with | 30 nos. | One lakh | 30.00 |
| District level flower show | 30 nos. | One lakh | 30.00 |
| State level flower show (2days) | 1 no. | 5 Lakh | 5.00 |
| Total | | | 130.00 |

17. MISSION MANAGEMENT

17.1. In the event of commissioning of Horticulture Mission at the State as well as district level the workload has increased manifold. But the existing infrastructure and staff strength under the Directorate of Horticulture is highly inadequate to cope up with the additional workload. It is proposed to provide support to the Directorate of Horticulture, Dy. Director of Horticulture and the Horticulturists at the field level by providing additional manpower through contractual appointment. More no. of vehicles, Xerox

machines, computer units, funds for mobility are proposed to be provided for proper implementation and monitoring of the programme.

17.2. Organizing visit and meeting of TSG, preparation of monitoring report & hiring of technical services etc. will be covered under this component for Mission activities. Besides, State level shows, District level shows, Pre-seasonal workshop will be organized to disseminate latest knowledge in the field of horticulture and solve the farmers problem by directly interacting. Information, Education and Communication

material will also be produced for distribution among the farmers The State Level Show / District Level Show / Preparation of IEC material also include in this component.

17.3. The detail physical and financial programme is given below :

(Fin. in lakh Rs.)

| Component | Unit | Physical Programme | Rate of Assistance / unit | Financial Programme |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|----------------------------------------------------|---------------------|
| Mission Management | | | | |
| State & District Mission Offices and implementing agencies administrative expenses, project preparation, computerization, contingency etc. | LS | | 5% of the total annual expenditure (100%) | 396.04 |
| Institutional strengthening, hire / purchase of vehicle, hardware / software | LS | | Project based | 50.00 |
| Seminar, conference, work shop, exhibition, Kissan Mela, Hort shows , Honey Fests etc. | | | | |
| District Level | Nos. | 30 | 101 % assistance / Rs. 3.00 lakhs/ event of 2 days | 60.00 |
| Technical support group (TSG) at state level for hiring experts/staffs, studies monitoring, evaluation, mass media publicity, video conference etc | LS | | 100% of the cost -Project based | 37.50 |
| Total | | | | 543.54 |

The allocation for mission management is around Rs.396.04 lakhs which is mainly utilized for mobility & extension support to the field

functionaries, remuneration of Chartered Accountant, POL expenses etc. ; the tentative programme is as follows :

| Sl. No. | Item | Amount required (in lakh Rs.) |
|---------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 1 | Preparation of various Project reports, Annual Action Plan including remuneration to project consultants etc. | 15.00 |
| 2 | Management of Accounts including engagement of Chartered Accountant Firms | 30.00 |
| 3 | Mobility & Extension support to the field functionaries & Head quarter organization & remuneration of field consultants etc. | 286.04 |
| 4 | POL for Department Vehicle including hiring | 30.00 |
| 5 | Expenditure on linkages (Telephone including Mobile voucher, Broadband etc.) | 20.00 |
| 6 | Misc. expenditure | 15.00 |
| | Total | 396.04 |

REVISED ANNUAL ACTION PLAN OF 2012-13 UNDER NHM

| Component | Unit | Programme | | Financial |
|----------------------------------------------------------------------|------|-----------|---------------------------------------------------------------------------------------------------------------------------------|---------------|
| | | Physical | Rate of Assistance / ha. / unit | |
| A. Plantation Development including supporting Infrastructure | | | | |
| 1. Production of Planting Material | | | | |
| i. Public Sector | | | | |
| a. Model Nursery (2-4ha.) | Nos. | 3 | Max. of Rs.25.00 lakh / unit | 75.00 |
| b. Small Nursery (1 ha.) | Nos. | 5 | Max. of Rs.6.25 lakh / unit | 31.25 |
| ii. Private Sector | | | | |
| a. Model Nursery (2-4ha.) | Nos. | 5 | Credti linked back-ended subsidy @ 50% of the cost of project limited to Rs.12.50 lakh per nursery for individual entrepreneur. | 62.50 |
| b. Small Nursery (1 ha.) | Nos. | 10 | Credti linked back-ended subsidy @ 50% of the cost of project limited to Rs.3.125 lakh per nursery for individual entrepreneur. | 31.25 |
| Total | | | | 200.00 |
| c. Setting up new Tissue Culture Unit | nos. | 2 | Credti linked back-ended subsidy @ 50% of the cost | 50.00 |
| d. Vegetable Seed Production in Deptt. | ha. | 25 | 100% of total cost i.e. Rs.50000/- per ha. | 12.50 |
| Vegetable Seed Production in Pvt. Sector | ha. | 150 | 50% of the total cost subject to Rs.25,000/- per ha. as credit linked back ended subsidy | 37.50 |
| Total | | | | 50.00 |
| 2. Establishment of New Gardens (Area Expansion) | | | | |
| i. Non-Perennial Fruit Crops | | | | |
| Banana Tissue Culture | ha. | 200 | 50% of cost limited to Rs.41602/ ha. in 2 installments of 75 : 25 | 62.40 |
| Pineapple Sucker | ha. | 20 | 50% of cost limited to Rs.32500/ ha. in 2 installments of 75 : 25 | 4.88 |
| ii. Other Fruit Crops | | | | |
| Mango Normal | ha. | 1275.76 | 75% of cost limited to Rs.16500/ ha. in 3 installments of 60 : 20 : 20 s subject to survival of 75% in 2nd yr. & 90% in 3rd yr | 126.30 |

| | | | | |
|----------------------------------|-----|------|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| Mango High Density | ha. | 10 | 50% of cost limited to Rs.40000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 2.40 |
| Litchi | ha. | 100 | 75% of cost limited to Rs.21923/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 13.15 |
| Citrus | ha. | 100 | 75% of cost limited to Rs.25005/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 15.00 |
| Pomegranate | ha. | 50 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 9.00 |
| Guava | ha. | 90 | 75% of cost limited to Rs.16463/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 8.89 |
| Custardapple | ha. | 50 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60 : 20 : 20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 9.00 |
| Papaya | ha. | 68 | 75% of cost limited to Rs.30000/ ha. in 3 installments of 60:20:20 subject to survival of 75% in 2nd yr. & 90% in 3rd yr. | 12.24 |
| Total | | | | 263.27 |
| 1st year Maintenance | | | | |
| 1st year maint. of Mango | ha. | 9000 | Rs.3300/ - per ha. | 297.00 |
| 1st year maint. of Litchi | ha. | 200 | Rs.4385/ - per ha. | 8.77 |
| 1st year maint. of Citrus | ha. | 300 | Rs.5001/ - per ha. | 15.00 |
| 1st year maint. of Banana Sucker | ha. | 350 | Rs.5625/- per ha. | 19.69 |
| 1st year maint. of Banana T.C. | ha. | 100 | Rs.10401/- per ha. | 10.40 |
| Total | | | | 350.86 |
| 2nd year Maintenance | | | | |
| 2nd year maint. of Mango | ha. | 9150 | Rs.3300/ - per ha. | 301.95 |
| 2nd year maint. of Litchi | ha. | 90 | Rs.4385/ - per ha. | 3.95 |
| 2nd year maint. of Citrus | ha. | 150 | Rs.5001/ - per ha. | 7.50 |
| Total | | | | 313.40 |

| | | | | |
|------------------------------------------------------------------------------------------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 3. Mushrooms | | | | |
| a. Integrated mushroom unit for spawn, compost production and training in Private Sector | nos. | 3 | 50% of the cost for meeting the expnd. on infrastructre, as credit linked back ended | 75.00 |
| b. Spawn making unit in Private Sector | Nos. | 3 | 50% of the cost as credit linked back ended | 22.50 |
| Total | | | | 97.50 |
| 4. Flowers | | | | |
| a. Cut Flowers (Rose, Gerbera etc.) | | | | |
| Small & Marginal Farmers | ha. | 100 | 50% of the cost @ Rs.35000/ha. limited to 2ha. per beneficiary | 35.00 |
| Other farmer | ha. | 100 | 33% of the cost @ Rs.23100/ha. limited to 4ha. per beneficiary | 23.10 |
| b. Bulbous Flower (Gladioli, Tuberose etc.) | | | | |
| Small & Marginal Farmers | ha. | 150 | 50% of the cost @ Rs.45000/ha. limited to 2ha. per beneficiary | 67.50 |
| Other farmer | ha. | 300 | 33% of the cost @ Rs.29700/ha. limited to 4ha. per beneficiary | 89.10 |
| Total | | | | 214.70 |
| 5. Rejuvenation of Old Orchards | | | | |
| Rejuvenation of old orchard (Mango, Litchi, Cashew) | ha. | 1700 | 50% of the total cost subject to a max. of Rs.15000/ha. limited to 2 ha. per beneficiary | 255.00 |
| Total | | | | 255.00 |
| 6. Spices | | | | |
| Ginger | ha. | 500 | 50% of the cost subject to a max. of Rs.12500/ha. limited to 4ha. per beneficiary | 62.50 |
| Turmeric | ha. | 1900 | | 237.50 |
| Total | | | | 300.00 |
| 7. Creation of Water Resources | | | | |
| Use of plastic lining on farm pond | nos. | 5 | 100% of the cost for 10 ha. of command area, with pond size of 100m x 100m x 3m or any other smaller size on pro rata basis depending upon the command area, owned & managed by a community / farmer group | 75.00 |
| Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | nos. | 200 | 50% of the cost including linking. For small size of the ponds / dug wells, cost will be admissible on pro rata basis. | 120.00 |
| Total | | | | 195.00 |

| | | | | |
|------------------------------------------------------------------------------------------------|------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 9. Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 10 | 100% of the cost of Rs.1.00 lakh per unit | 10.00 |
| 10. Preservation Unit (low cost) (New) | Nos. | 2 | 50% of the cost of Rs.2.00 lakh / unit | 2.00 |
| 11. Low Cost Onion Storage Structure (25 MT / 50 MT / 100 MT / 200 MT) | Nos. | 260 (6500 MT) | 50% of the cost of Rs.4000 / MT | 130.00 |
| 12. Pusa Zero Energy Cool Chamber (100 kg.) | Nos. | 500 | 50% of the cost of Rs.4000 / unit | 10.00 |
| 13. Evaporative / low energy cool chamber (8 MT) | Nos. | 30 | 50% of the total cost | 60.00 |
| Total | | | | 1894.00 |
| C. Estt. of marketing infrastructure for horticultural produce | | | | |
| i. Estt of Terminal market | Nos. | 1 | 25% to 40% (limited to Rs.50.0 crore) as PPP mode / Capital cost Rs.150.0 crore / project | 50.00 |
| ii. Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 10 (Rs.15 lakh / unit) | Credit linked back-ended subsidy @ 40% of the cost of project in general case and 55% in the case of hilly & schdled areas for individual entrepreneurs | 60.00 |
| iii. Up gradation of Mandi | Nos. | 10 (Rs.15 lakh/unit) | | 60.00 |
| iv. Rural Market / Apni Mandi | nos. | 10 (Rs.20 lakh/unit) | | 80.00 |
| v. Static / Mobile Vending Cart / platform with cool chamber | Nos. | 100 (Rs.30000 / unit) | 50% of total cost | 15.00 |
| vi. Market extension, quality awareness & market led extension activities for fresh products | nos. | 2 | 100% assistance to Public sector / Capital cost Rs.3.00 lakh per event | 6.00 |
| Total | | | | 271.00 |
| C. Activities of the Commemorate of Horticulture Year | | | | |
| Training-cum-Workshop on Bee Keeping | Nos. | 2 | | 2.00 |
| District level Vegetable Exhibition | Nos. | 30 | | 30.00 |
| State Level Workshop on Post Harvest Management | Nos. | 1 | | 3.00 |
| State level Fruit Exhibition along with interactive Workshop (2 days) | Nos. | 1 | | 5.00 |
| State level Workshop on Productivity Improvement in Horticulture | Nos. | 1 | | 5.00 |

| | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|--------------------------------------------------|----------------|
| Work shop on market led extention, quality awareness | Nos. | 1 | | 5.00 |
| State Level Workshop on creation of livelihood, empowerment & tribal upliftment through horticulture | Nos. | 1 | | 5.00 |
| National Work shop on Cool Chain Solution | Nos. | 1 | | 10.00 |
| Horticulture Mela in Collaboration with | Nos. | 30 | | 30.00 |
| Agriculture Department District Level Flower Show | Nos. | 30 | | 30.00 |
| State Level Flower Show (2 days) | Nos. | 1 | | 5.00 |
| Sub-Total | | | | 130.00 |
| C. Mission Management | | | | |
| 1. State & District Mission Offices and implementing agencies for administrative expenses, project preparation, computerisation, contingency etc. | LS | | 5% of the total annual expenditure (100%) | 396.04 |
| 2. Institutional strengthening, hire/ purchase of vehicles, hardware / software | LS | | Project based | 50.00 |
| 3. Seminar, Conference, Workshop, Exhibition, Kissan Mela, Hort. Shows, honey festivals etc. | | | | |
| District Level | Nos | 30 | 100% assistance / Rs.2.00 lakh / event of 2 days | 60.00 |
| 4. Technical support group (TSG) at State level for hiring experts / staffs, studies, monitoring & evaluation, mass media, publicity, video confrence etc. | LS | | 100% of the cost - Project based | 37.50 |
| Sub-Total | | | | 543.54 |
| Grand Total | | | | 8000.00 |
| | | | CS | 6800.00 |
| | | | SS | 1200.00 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME FOR MODEL NURSERY & SMALL NURSERY DURING 2012-13

(Fig. in no.)

| Sl. No. | Name of the District | Model Nursery (4ha.) | | Small Nursery (1 ha.) | |
|---------|----------------------|----------------------|----------|-----------------------|-----------|
| | | Public | Private | Public | Private |
| 1 | Sonepur | | 1 | 1 | |
| 2 | Keonjhar | | 1 | | 1 |
| 3 | Kalahandi | 1 | | | 1 |
| 4 | Puri | 1 | | | |
| 5 | Sambalpur | | | 1 | 1 |
| 6 | Khurda | | | | 1 |
| 7 | Deogarh | | | 1 | 2 |
| 8 | Baragarh | | | | 1 |
| 9 | Angul | | 1 | | 1 |
| 10 | Koraput | 1 | 1 | 1 | 1 |
| 11 | Dhenkanal | 0 | 1 | 1 | 1 |
| | G.Total | 3 | 5 | 5 | 10 |

SETTING UP NEW TISSUE CULTURE UNIT

| Sl. No. | Name of the District | Unit (Nos.) |
|---------|----------------------|-------------|
| 1 | Sambalpur | 1 |
| 2 | Bolangir | 1 |
| | Total | 2 |

VEGETABLE SEED PRODUCTION IN PRIVATE SECTOR

| Sl. No. | Name of the District | Unit (Nos.) |
|---------|----------------------|-------------|
| 1 | Sambalpur | 50 |
| 2 | Deogarh | 40 |
| 3 | Bargarh | 40 |
| 4 | Jharsuguda | 20 |
| | Total | 150 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF ESTT. OF NEW GARDEN - FRUIT PLANTATION FOR 2012-13

| Sl. No. | Name of the District | Perennial | | | | | | | | | | Non-Perennial | | Total | |
|---------|----------------------|----------------|--------------------|------------|------------|-------------|-----------|---------------|-----------|--------------|------------|----------------|----|-------|-----|
| | | Mango Normal | Mango High density | Litchi | Citrus | Pomegranate | Guava | Custard apple | Papaya | Pineapple | Banana | TC | | | |
| 1 | Mayurbhanj | 80 | | | 10 | | 5 | | 4 | | | | 10 | | 109 |
| 2 | Keonjhar | 100 | | | 5 | | 10 | | 7 | | | | 6 | | 128 |
| 3 | Balasore | 50 | | | | | | | 7 | | | | 10 | | 67 |
| 4 | Cuttack | 60 | | | | | | | | | | | 10 | | 70 |
| 5 | Khurda | 72 | | | 5 | 5 | 5 | 5 | 5 | | | | 10 | | 102 |
| 6 | Puri | | | | | | 3 | | 5 | | | | 10 | | 18 |
| 7 | Nayagarh | 50 | | | 5 | | | | | | | | 8 | | 63 |
| 8 | Gajapati | 50 | | | 15 | | | | | | | 20 | 6 | | 91 |
| 9 | Ganjam | 50 | | | 10 | | | | | | | | 10 | | 70 |
| 10 | Dhenkanal | 100 | 7 | | | | | | 5 | | | | 10 | | 122 |
| 11 | Angul | 78.76 | | | 10 | | | | 5 | | | | 10 | | 114 |
| 12 | Phulbani | 60 | 3 | | 10 | | | | | | | | 10 | | 83 |
| 13 | Bolangir | 60 | | | 10 | | | | 10 | | | | 10 | | 90 |
| 14 | Sonepur | 50 | | | | | | | 5 | | | | 5 | | 60 |
| 15 | Kalahandi | 50 | | | 5 | 8 | | | | | | | 10 | | 73 |
| 16 | Nuapada | 50 | | | | 7 | 6 | | | | | | 5 | | 68 |
| 17 | Koraput | 60 | | | 10 | | 6 | | 5 | | | | 10 | | 96 |
| 18 | Malkangiri | 20 | | | | | | | 5 | | | | 5 | | 30 |
| 19 | Rayagada | 50 | | | 20 | | | | | | | | 10 | | 80 |
| 20 | Nawarangpur | 25 | | | | | | | | | | | 5 | | 30 |
| 21 | Sambalpur | 50 | | | 10 | 10 | 25 | 10 | 5 | | | | 10 | | 140 |
| 22 | Deogarh | 70 | | | 30 | 10 | 20 | 10 | | | | | 6 | | 156 |
| 23 | Bargarh | 20 | | | | | 10 | 5 | | | | | 8 | | 58 |
| 24 | Sundargarh | 20 | | | 10 | | | 5 | | | | | 6 | | 46 |
| | Total | 1275.76 | 10.00 | 100 | 100 | 50 | 90 | 50 | 68 | 20.00 | 200 | 1963.76 | | | |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME FOR CULTIVATION OF FLOWER FOR SMALL & MARGINAL FARMER & OTHER FARMERS DURING 2012-13

(Fig. in no.)

| Sl. No. | Name of the District | Cut Flowers | | Bulbous Flower | | Total | |
|---------|----------------------|-------------|------------|----------------|------------|------------|------------|
| | | Small | Other | Small | Other | Small | Other |
| 1 | Puri | 8 | 8 | 10 | 20 | 18 | 28 |
| 2 | Khurda | 6 | 6 | 14 | 25 | 20 | 31 |
| 3 | Nayagarh | 4 | 4 | 4 | 10 | 8 | 14 |
| 4 | Cuttack | 8 | 8 | 13 | 25 | 21 | 33 |
| 5 | Keonjhar | 5 | 5 | 7 | 10 | 12 | 15 |
| 6 | Mayurbhanj | 6 | 6 | 8 | 10 | 14 | 16 |
| 7 | Balasore | 5 | 5 | 13 | 30 | 18 | 35 |
| 8 | Dhenkanal | 5 | 5 | 6 | 15 | 11 | 20 |
| 9 | Angul | 5 | 5 | 6 | 14 | 11 | 19 |
| 10 | Ganjam | 5 | 5 | 8 | 15 | 13 | 20 |
| 11 | Gajapati | 1 | 1 | 5 | 5 | 6 | 6 |
| 12 | Phulbani | 5 | 5 | 8 | 25 | 13 | 30 |
| 13 | Koraput | 5 | 5 | 6 | 20 | 11 | 25 |
| 14 | Rayagada | 3 | 3 | 6 | 10 | 9 | 13 |
| 15 | Malkangiri | 1 | 1 | 2 | 5 | 3 | 6 |
| 16 | Nawarangpur | 1 | 1 | 2 | 5 | 3 | 6 |
| 17 | Bolangir | 5 | 5 | 5 | 10 | 10 | 15 |
| 18 | Sonepur | 2 | 2 | 2 | 5 | 4 | 7 |
| 19 | Kalahandi | 5 | 5 | 5 | 10 | 10 | 15 |
| 20 | Nuapada | 1 | 1 | 3 | 5 | 4 | 6 |
| 21 | Sambalpur | 5 | 5 | 8 | 12 | 13 | 17 |
| 22 | Deogarh | 3 | 3 | 2 | 2 | 5 | 5 |
| 23 | Bargarh | 1 | 1 | 2 | 2 | 3 | 3 |
| 24 | Sundargarh | 5 | 5 | 5 | 10 | 10 | 15 |
| | Total | 100 | 100 | 150 | 300 | 250 | 400 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME FOR CULTIVATION OF REJUVENATION OF OLD ORCHARDS DURING 2012-13

(Fig. in no.)

| Sl.No. | Name of the District | Rejuvenation |
|--------|----------------------|--------------|
| 1 | Khurda | 80 |
| 2 | Nayagarh | 80 |
| 3 | Keonjhar | 80 |
| 4 | Mayurbhanj | 100 |
| 5 | Dhenkanal | 80 |
| 6 | Angul | 80 |
| 7 | Cuttack | 50 |
| 8 | Ganjam | 100 |
| 9 | Phulbani | 100 |
| 10 | Koraput | 100 |
| 11 | Rayagada | 80 |
| 12 | Bolangir | 50 |
| 13 | Sonepur | 80 |
| 14 | Kalahandi | 100 |
| 15 | Nuapada | 80 |
| 16 | Sambalpur | 100 |
| 17 | Deogarh | 80 |
| 18 | Bargarh | 50 |
| 19 | Jharsuguda | 50 |
| 20 | Balasore | 40 |
| 21 | Boudh | 100 |
| 22 | Jajpur | 20 |
| 23 | Kendrapara | 20 |
| | Total | 1700 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME FOR SPICES DURING 2012-13

| Sl.No. | Name of the District | Ginger | Turmeric |
|--------|----------------------|------------|-------------|
| 1 | Phulbani | | 1900 |
| 2 | Koraput | 500 | |
| | Total | 500 | 1900 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF PROTECTED CULTIVATION OF 2012-13

(Fig. in Sqm. / ha.)

| Sl. No. | Name of the District | Green House | | Plastic Mulching | Shadenet House | | Cost of planting material of high value vegetables grown in poly green house | Cost of planting material of high value vegetables grown in poly green house | Plastic Tunnels | Anti Bird / Anti Hail Net |
|---------|----------------------|-------------|-------------|------------------|----------------|--------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------|---------------------------|
| | | Bamboo | Wooden | | Wooden | Tubular | | | | |
| 1 | Puri | | 1500 | 3 | 3095 | 1500 | | | | 5000 |
| 2 | Khurda | | 1500 | 5 | 3095 | 1000 | 2500 | 2500 | | 2500 |
| 3 | Nayagarh | | 3000 | 5 | 4330 | 1000 | 1000 | 1000 | | 3600 |
| 4 | Cuttack | | 3700 | 20 | | 2520 | | | | 1000 |
| 5 | Jagatsinghpur | | 1500 | 6 | | 1000 | | | | |
| 6 | Jajpur | | 1100 | 6 | | 600 | | | | |
| 7 | Kendrapara | | 800 | 3 | | 600 | | | | |
| 8 | Keonjhar | 50 | 600 | 6 | | 1000 | | | | 500 |
| 9 | Mayurbhanj | 50 | 3700 | 30 | 310 | 2200 | 2000 | 2000 | | 600 |
| 10 | Balasore | | 1500 | 5 | | 1500 | | | | |
| 11 | Bhadrak | | 500 | 6 | | 1000 | | | | |
| 12 | Dhenkanal | 515 | 3000 | 6 | 3090 | 2600 | 2000 | 2000 | | 500 |
| 13 | Angul | 100 | 3000 | 6 | 3090 | 1500 | 500 | 500 | | 800 |
| 14 | Ganjam | 310 | 2500 | 8 | 540 | 2000 | | | | 800 |
| 15 | Gajapati | 50 | 1500 | 5 | 60 | 900 | | | | |
| 16 | Phulbani | 800 | 2500 | 635 | 7425 | 5000 | | | | 3000 |
| 17 | Boudh | 410 | 3000 | 6 | 6185 | 4200 | 4000 | 4000 | | 5000 |
| 18 | Koraput | | 600 | 6 | | 4140 | | | | 800 |
| 19 | Rayagada | | 200 | 4 | 2475 | 1100 | | | | 800 |
| 20 | Malkangiri | | 200 | 3 | | 1380 | | | | |
| 21 | Nawarangpur | | 200 | 3 | | 2760 | | | | |
| 22 | Bolangir | 330 | 2000 | 30 | 6805 | 1000 | | | | 800 |
| 23 | Sonepur | 85 | 500 | 3 | 620 | 1500 | | | | 500 |
| 24 | Kalahandi | 515 | 3000 | 30 | 3095 | 3000 | | | 500 | 800 |
| 25 | Nuapada | 100 | 1000 | 10 | 620 | 1000 | | | 500 | |
| 26 | Sambalpur | 200 | 9000 | 65 | 1235 | 15000 | | | | 1500 |
| 27 | Deogarh | 200 | 4500 | 30 | 1235 | 5040 | | | | 1000 |
| 28 | Bargarh | 200 | 8900 | 20 | 620 | 7500 | | | | |
| 29 | Jharsuguda | 1030 | 3700 | 30 | 1240 | 5040 | | | | |
| 30 | Sundargarh | 55 | 3000 | 5 | 835 | 1720 | | | | 500 |
| | Total | 5000 | 1200 | 1000 | 50000 | 10000 | 10000 | 10000 | 1000 | 30000 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF PROMOTION OF IPM / INM DURING 2012- 13

(Fig. in no.)

| Sl. No. | Name of the District | IPM/INM (Fig. in ha.) |
|---------|----------------------|-----------------------|
| 1 | Mayurbhanj | 40 |
| 2 | Cuttack | 10 |
| 3 | Jagatsinghpur | 10 |
| 4 | Jajpur | 15 |
| 5 | Kendrapara | 10 |
| 6 | Ganjam | 5 |
| 7 | Phulbani | 10 |
| 8 | Boudh | 10 |
| 9 | Bolangir | 25 |
| 10 | Sonepur | 10 |
| 11 | Kalahandi | 10 |
| 12 | Nuapara | 20 |
| 13 | Koraput | 15 |
| 14 | Rayagada | 10 |
| 15 | Malkangiri | 10 |
| 16 | Nawarangpur | 10 |
| 17 | Sundargarh | 10 |
| 18 | Keonjhar | 10 |
| 19 | Sambalpur | 40 |
| 20 | Deogarh | 40 |
| 21 | Bargarh | 30 |
| 22 | Jharsuguda | 10 |
| 23 | Khurda | 10 |
| 24 | Angul | 10 |
| 25 | Bhadrak | 10 |
| 26 | Balasore | 10 |
| | G.Total | 400 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF ORGANIC FARMING VERMI COMPOST DURING 2012 - 13

| Sl. No. | Name of the District | Organic Cultivation (ha.) | HDPE Vermi Bed (nos.) | Certification (ha.) |
|--------------|----------------------|---------------------------|-----------------------|---------------------|
| 1 | Puri | | 400 | |
| 2 | Khurda | 500 | 400 | 500 |
| 3 | Nayagarh | 500 | 300 | 500 |
| 4 | Gajapati | | 300 | |
| 5 | Ganjam | | 300 | |
| 6 | Keonjhar | | 300 | |
| 7 | Cuttack | | 400 | |
| 8 | Jagatsinghpur | | 200 | |
| 9 | Jajpur | | 200 | |
| 10 | Kendrapara | | 200 | |
| 11 | Mayurbhanj | 250 | 500 | 250 |
| 12 | Balasore | | 400 | |
| 13 | Bhadrak | | 200 | |
| 14 | Dhenkanal | 250 | 400 | 250 |
| 15 | Angul | | 300 | |
| 16 | Phulbani | 2200 | 1100 | 2200 |
| 17 | Boudh | 750 | 300 | 750 |
| 18 | Koraput | 1000 | 500 | 1000 |
| 19 | Malkangiri | | 200 | |
| 20 | Nawarangpur | | 200 | |
| 21 | Rayagada | | 300 | |
| 22 | Bolangir | 1000 | 500 | 1000 |
| 23 | Sonepur | | 200 | |
| 24 | Nuapara | | 200 | |
| 25 | Kalahandi | 550 | 300 | 550 |
| 26 | Sambalpur | | 400 | |
| 27 | Bargarh | | 200 | |
| 28 | Deogarh | | 300 | |
| 29 | Jharsuguda | | 200 | |
| 30 | Sundargarh | | 300 | |
| Total | | 7000 | 10000 | 7000 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF POLLINATION SUPPORT THROUGH BEE KEEPING DURING 2012 - 13

(Fig. in no.)

| Sl. No. | Name of the District | Honey bee colony | Hives | Equipment including honey extractor |
|---------|----------------------|------------------|-------------|-------------------------------------|
| 1 | Puri | 300 | 300 | 30 |
| 2 | Khurda | 300 | 300 | 30 |
| 3 | Nayagarh | 300 | 300 | 30 |
| 4 | Gajapati | 150 | 150 | 15 |
| 5 | Ganjam | 200 | 200 | 20 |
| 6 | Keonjhar | 100 | 100 | 10 |
| 7 | Cuttack | 150 | 150 | 15 |
| 8 | Jagatsinghpur | 75 | 75 | 10 |
| 9 | Jajpur | 75 | 75 | 10 |
| 10 | Kendrapara | 75 | 75 | 10 |
| 11 | Mayurbhanj | 500 | 500 | 50 |
| 12 | Balasore | 500 | 500 | 50 |
| 13 | Bhadrak | 150 | 150 | 15 |
| 14 | Dhenkanal | 400 | 400 | 50 |
| 15 | Angul | 300 | 300 | 20 |
| 16 | Phulbani | 400 | 400 | 40 |
| 17 | Boudh | 200 | 200 | 20 |
| 18 | Koraput | 400 | 400 | 40 |
| 19 | Malkangiri | 100 | 100 | 10 |
| 20 | Nawarangpur | 125 | 125 | 10 |
| 21 | Rayagada | 200 | 200 | 15 |
| 22 | Bolangir | 700 | 700 | 65 |
| 23 | Sonepur | 200 | 200 | 20 |
| 24 | Nuapara | 100 | 100 | 10 |
| 25 | Kalahandi | 500 | 500 | 50 |
| 26 | Sambalpur | 500 | 500 | 50 |
| 27 | Bargarh | 200 | 200 | 20 |
| 28 | Deogarh | 200 | 200 | 20 |
| 29 | Jharsuguda | 100 | 100 | 15 |
| 30 | Sundargarh | 500 | 500 | 50 |
| | Total | 8000 | 8000 | 800 |

DISTRICT WISE BREAK UP OF PHYSICAL PROGRAMME OF HORTICULTURE MECHANISATION DURING 2012-13

| Sl. No. | Name of the District | Power operated machines/tools including Power Saw and Plant Protection equipments etc. | Power Machine (up to 20 BHP) with rotavator/ equipment | Import of New machine tools | Power Machines (20 HP & above including accessories/ equipments) |
|---------|----------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------|------------------------------------------------------------------|
| 1 | Mayurbhanj | 20 | 18 | | |
| 2 | Keonjhar | 15 | 10 | | 2 |
| 3 | Balasore | 15 | 15 | | |
| 4 | Bhadrak | 8 | 10 | | 8 |
| 5 | Cuttack | 15 | 15 | | |
| 6 | Jagatsinghpur | 8 | 8 | | |
| 7 | Jajpur | 10 | 12 | | |
| 8 | Kendrapara | 8 | 8 | | |
| 9 | Khurda | 15 | 15 | | |
| 10 | Puri | 15 | 10 | | |
| 11 | Nayagarh | 10 | 13 | | |
| 12 | Gajapati | 10 | 12 | | |
| 13 | Ganjam | 10 | 15 | | |
| 14 | Dhenkanal | 20 | 15 | 1 | |
| 15 | Angul | 15 | 15 | 2 | |
| 16 | Phulbani | 20 | 15 | | |
| 17 | Boudh | 13 | 10 | | |
| 18 | Bolangir | 18 | 20 | | |
| 19 | Sonepur | 10 | 12 | | |
| 20 | Kalahandi | 15 | 15 | | |
| 21 | Nuapara | 10 | 12 | | |
| 22 | Koraput | 20 | 15 | | |
| 23 | Rayagada | 15 | 12 | | |
| 24 | Malkangiri | 10 | 10 | | |
| 25 | Nawarangpur | 10 | 15 | | |
| 26 | Sambalpur | 20 | 15 | | |
| 27 | Bargarh | 10 | 10 | | |
| 28 | Deogarh | 10 | 13 | | |
| 29 | Jharsuguda | 10 | 15 | | |
| 30 | Sundargarh | 15 | 20 | | |
| | G.Total | 400 | 400 | 3 | 10 |

DISTRICTWISE BREAK UP OF TRAINING OF GARDENERS AND FARMERS WITHIN THE DISTRICT UNDER HRD DURING 2012-13

(Fig. in no.)

| Sl.No. | Name of the District | Trg. of Gardeners | Trg. within the district |
|--------|----------------------|-------------------|--------------------------|
| 1 | Cuttack | 10 | 120 |
| 2 | Jagatsinghpur | 8 | 100 |
| 3 | Jajpur | 8 | 50 |
| 4 | Kendrapara | 8 | 50 |
| 5 | Balasore | 8 | 100 |
| 6 | Bhadrak | 5 | 75 |
| 7 | Gajapati | 5 | 100 |
| 8 | Ganjam | 8 | 200 |
| 9 | Keonjhar | 8 | 200 |
| 10 | Mayurbhanj | 15 | 200 |
| 11 | Puri | 10 | 100 |
| 12 | Khurda | 5 | 100 |
| 13 | Nayagarh | 5 | 80 |
| 14 | Dhenkanal | 8 | 200 |
| 15 | Angul | 8 | 150 |
| 16 | Phulbani | 15 | 350 |
| 17 | Boudh | 10 | 50 |
| 18 | Bolangir | 10 | 150 |
| 19 | Sonepur | 30 | 50 |
| 20 | Koraput | 10 | 150 |
| 21 | Rayagada | 10 | 100 |
| 22 | Malkangiri | 8 | 80 |
| 23 | Nawarangpur | 8 | 100 |
| 24 | Kalahandi | 15 | 350 |
| 25 | Nuapara | 10 | 200 |
| 26 | Sambalpur | 20 | 165 |
| 27 | Deogarh | 10 | 100 |
| 28 | Bargarh | 8 | 100 |
| 29 | Jharsuguda | 7 | 50 |
| 30 | Sundargarh | 10 | 180 |
| | Total | 300 | 4000 |

DISTRICTWISE BREAK UP OF FARMERS FOR EXPOSURE VISIT FARMERS DURING 2012-13

| Sl.No. | Name of the District | Within the State | Outside the State |
|--------------|----------------------|------------------|-------------------|
| 1 | Balasore | 100 | 60 |
| 2 | Bhadrak | 50 | 40 |
| 3 | Cuttack | 75 | 60 |
| 4 | Jagatsinghpur | 60 | 35 |
| 5 | Jajpur | 50 | 35 |
| 6 | Kendrapara | 50 | 35 |
| 7 | Gajapati | 50 | 35 |
| 8 | Ganjam | 100 | 60 |
| 9 | Keonjhar | 100 | 50 |
| 10 | Mayurbhanj | 150 | 60 |
| 11 | Puri | 110 | 60 |
| 12 | Khurda | 100 | 50 |
| 13 | Nayagarh | 100 | 40 |
| 14 | Dhenkanal | 100 | 60 |
| 15 | Angul | 100 | 60 |
| 16 | Phulbani | 150 | 60 |
| 17 | Boudh | 50 | 40 |
| 18 | Bolangir | 100 | 60 |
| 19 | Sonepur | 50 | 40 |
| 20 | Kalahandi | 100 | 60 |
| 21 | Nuapara | 50 | 30 |
| 22 | Koraput | 100 | 60 |
| 23 | Malkangiri | 50 | 40 |
| 24 | Nawarangpur | 80 | 40 |
| 25 | Rayagada | 100 | 60 |
| 26 | Sambalpur | 100 | 60 |
| 27 | Deogarh | 75 | 60 |
| 28 | Bargarh | 60 | 40 |
| 29 | Jharsuguda | 50 | 50 |
| 30 | Sundargarh | 90 | 60 |
| Total | | 2500 | 1500 |

DISTRICT WISE BREAK UP OF INTEGRATED POST HARVEST MANAGEMENT DURING 2012-13 UNDER NHM

(Fig. in no.)

| Sl. No. | Name of the District | Pack House | Pre Cooling Chamber | Cold Storage | Modernisation of existing Cold Storage | Refrigerated Van | Ripening Chamber | Cashew Processing Unit | Modernisation of Cashew Processing Unit | Preservation Unit | | Low cost Onion Storage | Pusa Zero Energy Cool Chamber | Evaporative / low energy cool chamber |
|---------|----------------------|------------|---------------------|--------------|----------------------------------------|------------------|------------------|------------------------|-----------------------------------------|-------------------|----------|------------------------|-------------------------------|---------------------------------------|
| | | | | | | | | | | Upgradation | New | | | |
| 1 | Mayurbhanj | 25 | 2 | | | 1 | | | | | 1 | 15 | | 1 |
| 2 | Cuttack | 20 | | | 1 | | | | | 1 | | | | 1 |
| 3 | Jagatsinghpur | 7 | | | | | | | | | | | | 1 |
| 4 | Jaipur | 7 | | | | | | | | | | | | 1 |
| 5 | Kendrapara | 7 | | | | | | | | | | | | 1 |
| 6 | Bolangir | 35 | 2 | | | | 1 | | | 1 | | 70 | | 1 |
| 7 | Sonepur | 10 | | | | | | | | | | 10 | | 1 |
| 8 | Sambalpur | 30 | 2 | | | 1 | 1 | | | 1 | | 20 | | 1 |
| 9 | Deogarh | 10 | 2 | 1 | | 1 | | | | | | 20 | | 1 |
| 10 | Bargarh | 10 | 1 | | | | | | | | | 15 | | 1 |
| 11 | Jharsuguda | 10 | | | | | | | | | | | | 1 |
| 12 | Keonjhar | 25 | 3 | | | 1 | | | | | | | | 1 |
| 13 | Phulbani | 35 | 3 | | | 1 | | | | | | | 500 | 1 |
| 14 | Boudh | 10 | 2 | | | | | | | | | 25 | | 1 |
| 15 | Dhenkanal | 40 | 2 | | | 1 | | 1 | | 1 | | | | 1 |
| 16 | Angul | 15 | 1 | | | 1 | 1 | 1 | | | | 15 | | 1 |
| 17 | Sundargarh | 15 | 1 | | 1 | | | | | 1 | | | | 1 |
| 18 | Puri | 18 | | 1 | | | 1 | | | | | | | 1 |
| 19 | Khurda | 18 | | | | 1 | | | 1 | 1 | | | | 1 |
| 20 | Nayagarh | 15 | 1 | | | | | 1 | 1 | | | | | 1 |
| 21 | Ganjam | 15 | 1 | | | | | 1 | 2 | 1 | | | | 1 |
| 22 | Gajapati | 10 | 1 | | 1 | | | 1 | 1 | | | | | 1 |
| 23 | Kalahandi | 30 | | | | | 1 | | | | | 20 | | 1 |
| 24 | Nuapara | 10 | | | | | | | | | | 20 | | 1 |
| 25 | Koraput | 15 | 2 | | 1 | 1 | 1 | 2 | 2 | 1 | | | | 1 |
| 26 | Malkangiri | 5 | 1 | | | | | | | | | | | 1 |
| 27 | Rayagada | 15 | 2 | | | 1 | | 1 | 1 | 1 | | 20 | | 1 |
| 28 | Nawarangpur | 5 | 1 | | | | | 1 | 1 | | | 10 | | 1 |
| 29 | Bhadrak | 15 | | 1 | | | | | | | | | | 1 |
| 30 | Balasure | 18 | | | | | | 1 | | 1 | | | | 1 |
| | G.Total | 500 | 30 | 3 | 4 | 10 | 6 | 10 | 10 | 10 | 2 | 260 | 500 | 30 |

DISTRICT WISE BREAK UP OF MARKETING INFRASTRUCTURE DURING 2012-13 UNDER NHM

(Fig. in no.)

| Sl. No. | Name of the District | Terminal Market | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Up gradation of Mandi | Rural Market / Apni Mandi | Static/Mobile Vending Cart/ platform with cool chamber | Market extension, quality awareness & market led extension activities for fresh products |
|---------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------|--------------------------|------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 1 | Balasure | | | | | 5 | |
| 2 | Bhadrak | | | | | 4 | |
| 3 | Cuttack | | | | | 5 | |
| 4 | Jagatsinghpur | | | | | 4 | |
| 5 | Jajpur | | | | | 3 | |
| 6 | Kendrapara | | | | | 3 | |
| 7 | Gajapati | | | | 1 | 3 | |
| 8 | Ganjam | | | | 1 | 5 | |
| 9 | Keonjhar | | | | 1 | 3 | |
| 10 | Mayurbhanj | | 1 | | 1 | 5 | |
| 11 | Puri | | | 3 | | 4 | |
| 12 | Khurda | | | 2 | | 4 | |
| 13 | Nayagarh | | | 2 | | 4 | |
| 14 | Dhenkanal | | 1 | | 1 | 4 | 1 |
| 15 | Angul | | | | 1 | 3 | |
| 16 | Phulbani | | 1 | | 1 | 4 | |
| 17 | Boudh | | 1 | | 1 | 2 | |
| 18 | Bolangir | | 1 | | 1 | 3 | |
| 19 | Sonepur | | | | | 2 | |
| 20 | Kalahandi | | | | | 5 | |
| 21 | Nuapara | | | 1 | | 2 | |
| 22 | Koraput | | 1 | | | 3 | |
| 23 | Malkangiri | | 1 | | | 2 | |
| 24 | Nawarangpur | | 1 | | | 2 | |
| 25 | Rayagada | | 1 | 1 | | 3 | |
| 26 | Sambalpur | 1 | 1 | | | 3 | 1 |
| 27 | Deogarh | | 1 | | 1 | 2 | |
| 28 | Bargarh | | | | | 3 | |
| 29 | Jharsuguda | | | | | 2 | |
| 30 | Sundargarh | | | 1 | | 3 | |
| | Total | 1 | 10 | 10 | 10 | 100 | 2 |

DISTRICT WISE BREAK UP OF DISTRICT LEVEL / STATE LEVEL SHOWS UNDER NHM DURING 2012-13

(Fig. in no.)

| Sl.No. | Name of the District | Dist. Level show |
|--------|----------------------|------------------|
| 1 | Balasore | 1 |
| 2 | Bhadrak | 1 |
| 3 | Cuttack | 1 |
| 4 | Jagatsinghpur | 1 |
| 5 | Jajpur | 1 |
| 6 | Kendrapara | 1 |
| 7 | Gajapati | 1 |
| 8 | Keonjhar | 1 |
| 9 | Mayurbhanj | 1 |
| 10 | Puri | 1 |
| 11 | Khurda | 1 |
| 12 | Nayagarh | 1 |
| 13 | Dhenkanal | 1 |
| 14 | Ganjam | 1 |
| 15 | Phulbani | 1 |
| 16 | Boudh | 1 |
| 17 | Bolangir | 1 |
| 18 | Sonepur | 1 |
| 19 | Kalahandi | 1 |
| 20 | Nuapara | 1 |
| 21 | Koraput | 1 |
| 22 | Malkangiri | 1 |
| 23 | Rayagada | 1 |
| 24 | Nawarangpur | 1 |
| 25 | Angul | 1 |
| 26 | Sambalpur | 1 |
| 27 | Bargarh | 1 |
| 28 | Deogarh | 1 |
| 29 | Jharsuguda | 1 |
| 30 | Sundargarh | 1 |
| | Total | 30 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District: Angul

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) | |
|---------|-------------------------------------------------------------------------------------------|------------------------------|----------|-------------------------|------|
| 1 | Establishment of Nursery | | | | |
| | Small Nursery - Pvt Sector | Nos. | 1 | 3.125 | |
| | Model Nursery - Pvt Sector | Nos. | 1 | 12.50 | |
| 2 | Establishment of New Gardens | | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 | |
| | Mango Normal | ha. | 78.76 | 7.80 | |
| | Litchi | ha. | 10 | 1.32 | |
| | Citrus | ha. | 10 | 1.50 | |
| | Papaya | ha. | 5 | 0.90 | |
| 3 | Flowers | | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 | |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 | |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 6 | 2.70 | |
| | Bulbous Flower - Other farmer | ha. | 14 | 4.16 | |
| 4 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 | |
| 5 | Creation of Water Resources | | | | |
| | Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 5 | 3.00 | |
| 6 | Protected Cultivation | | | | |
| | A Green House (Naturally Ventilated System) | | | | |
| | Bamboo Structure | Sq.m. | 100 | 0.19 | |
| | Tubular Structure | Sq.m. | 3000 | 14.03 | |
| | B Plastic Mulching | ha. | 6 | 0.60 | |
| | C Shadenet House - | | | | |
| | Bamboo Structure | Sq.m. | 3090 | 4.64 | |
| | Tubular Structure | Sq.m. | 1500 | 4.50 | |
| | D Cost of planting material of high value vegetables grown in poly green house | Sq.m. | 500 | 0.26 | |
| | E Cost of planting material of commercial flower grown in poly green house | Sq.m. | 500 | 1.25 | |
| | G Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 | |
| | 7 | Promotion of INM/ IPM | | | |
| | | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 8 | Organic Farming | | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 | |
| 9 | Pollination support through bee keeping | | | | |
| | Honey bee colony | Nos. | 300 | 2.10 | |
| | Hives | Nos. | 300 | 2.40 | |
| | Equipment including honey extractor | Nos. | 20 | 1.40 | |

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|---------------------------------------------------------------------------------------------|------|----------|-------------------------|
| 10 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 15 | 2.63 |
| | Power Machine (up to 20 BHP) with rotavator /equipment | Nos. | 15 | 9.00 |
| | Import of New machine tools | Nos. | 2 | 50.00 |
| 11 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 150 | 0.60 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 12 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 15 | 7.50 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 13 | Estt. of Marketing Infrastructure | | | |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 14 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 15 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 254.24 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District: **Balasure**

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango Normal | ha. | 50 | 4.95 |
| | Papaya | ha. | 7 | 1.26 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 13 | 5.85 |
| | Bulbous Flower - Other farmer | ha. | 30 | 8.91 |
| 3 | Rejuvenation of Old Orchards | ha. | 40 | 6.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 5 | 0.50 |
| C | Shadenet House - | | | |
| | Tubular Structure | Sq.m. | 1500 | 4.50 |
| 5 | Promotion of INM / IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 6 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 400 | 20.00 |
| 7 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 500 | 3.50 |
| | Hives | Nos. | 500 | 4.00 |
| | Equipment including honey extractor | Nos. | 50 | 3.50 |
| 8 | Horticulture Mechanization | | | |
| | Power operated machines / tools including . | Nos. | 15 | 2.63 |
| | Power Saw and Plant Protection equipments etc | | | |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 9 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 100 | 0.4 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 10 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 18 | 27.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 11 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 5 | 0.75 |
| 12 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 13 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 137.28 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Bhadrak

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|-----------------------------------------------------------|-------|----------|-------------------------|
| 1 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 500 | 2.34 |
| B | Plastic Mulching | ha. | 6 | 0.60 |
| C | Shadenet House - | | | |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| 2 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 3 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 4 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 150 | 1.05 |
| | Hives | Nos. | 150 | 1.20 |
| | Equipment including honey extractor | Nos. | 15 | 1.05 |
| 5 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 8 | 1.40 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with t | Nos. | 10 | 6.00 |
| | rotavator / equipmen | | | |
| | Power Machines (20 HP & above including | Nos. | 8 | 12.00 |
| | accessories / equipments) | | | |
| 6 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 5 | 1.50 |
| | Training of farmers within the District | Nos. | 75 | 0.3 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |
| 7 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Cold Storage Units (Const. / expansion | Nos. | 1 | 120.00 |
| | / modernisation) (capacity 5000 MT) | | | |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 8 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform | Nos. | 4 | 0.60 |
| | with cool chamber | | | |
| 9 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration | Nos. | 1 | 1.00 |
| | with Agriculture Department | | | |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 10 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 193.64 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Bargarh

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|----------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery Small Nursery in Private Sector | Nos. | 1 | 3.125 |
| 2 | Vegetable Seed Production in Pvt. Sector | ha. | 40 | 10.00 |
| 3 | Establishment of New Gardens Banana Tissue Culture | ha. | 8 | 2.50 |
| | Mango normal | ha. | 20 | 1.98 |
| | Pomegranate | ha. | 5 | 0.90 |
| | Guava | ha. | 10 | 0.99 |
| | Custardapple | ha. | 15 | 2.70 |
| 4 | Mushrooms Integrated mushroom unit for spawn, compost production and training in Private Sector | Nos. | 1 | 25.0 |
| 5 | Flowers Cut Flowers - Small & Marginal Farmers | ha. | 1 | 0.35 |
| | Cut Flowers - Other farmer | ha. | 1 | 0.23 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 2 | 0.90 |
| | Bulbous Flower - Other farmer | ha. | 2 | 0.59 |
| 6 | Rejuvenation of Old Orchards | ha. | 50 | 7.50 |
| 7 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) Bamboo Structure | Sq.m. | 200 | 0.38 |
| | Tubular Structure | Sq.m. | 8900 | 41.61 |
| B | Plastic Mulching | ha. | 20 | 2.00 |
| C | Shadenet House - Bamboo Structure | Sq.m. | 620 | 0.93 |
| | Tubular Structure | Sq.m. | 7500 | 22.50 |
| 8 | Promotion of INM/IPM Promotion of IPM / INM | Nos. | 30 | 0.30 |
| 9 | Organic Farming HDPmE Vermi Bed | Nos. | 200 | 10.00 |
| 10 | Pollination support through bee keeping Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 20 | 1.40 |
| 11 | Horticulture Mechanization Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 10 | 1.75 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 10 | 6.00 |

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|-------------------------------------------------------------------|------|----------|-------------------------|
| 12 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 100 | 0.40 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 60 | 1.20 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |
| 13 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 15 | 7.50 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 14 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 15 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 16 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Grand Total | | | 188.58 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Boudh

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-------------------------------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 2 | Creation of Water Resources Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 60 | 36.00 |
| 3 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 410 | 0.77 |
| | Tubular Structure | Sq.m. | 3000 | 14.03 |
| B | Plastic Mulching | ha. | 6 | 0.60 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 6185 | 9.28 |
| | Tubular Structure | Sq.m. | 4200 | 12.60 |
| D | Cost of planting material of high value vegetables grown in poly green house | Sq.m. | 4000 | 2.10 |
| E | Cost of planting material of commercial flower grown in poly green house | Sq.m. | 4000 | 10.00 |
| F | Anti Bird / Anti Hail Nets | Sq.m. | 5000 | 0.50 |
| 4 | Promotion of INM/IPM Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 5 | Organic Farming | | | |
| | Organic Cultivation | ha. | 750 | 30.00 |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| | Certification | ha. | 750 | 22.50 |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 20 | 1.40 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 13 | 2.28 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 10 | 6.00 |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 50 | 0.20 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |

| | | | | |
|----|-----------------------------------------------------------------------------------------------|------|----|---------------|
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 25 | 12.50 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 10 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 2 | 0.30 |
| 11 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 12 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 248.15 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Bolangir

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Setting up New TC Unit | Nos. | 1 | 25.0 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 60 | 5.94 |
| | Citrus | ha. | 10 | 1.50 |
| | Papaya | ha. | 10 | 1.80 |
| 3 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 5 | 2.25 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 4 | Rejuvenation of Old Orchards | ha. | 50 | 7.50 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 330 | 0.62 |
| | Tubular Structure | Sq.m. | 2000 | 9.35 |
| B | Plastic Mulching | ha. | 30 | 3.00 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 6805 | 10.21 |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 |
| 6 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 25 | 0.25 |
| 7 | Organic Farming | | | |
| | Organic Cultivation | ha. | 1000 | 40.00 |
| | HDPE Vermi Bed | Nos. | 500 | 25.00 |
| | Certification | ha. | 1000 | 30.00 |
| 8 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 700 | 4.90 |
| | Hives | Nos. | 700 | 5.60 |
| | Equipment including honey extractor | Nos. | 65 | 4.559 |
| 9. | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 18 | 3.15 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 20 | 12.00 |
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 150 | 0.60 |
| | Exposure visit of Farmers | | | |

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|--------------------------------------------------------------------|------|----------|-------------------------|
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 35 | 52.50 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 70 | 35.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 345.24 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Cuttack

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango Normal | ha. | 60 | 5.94 |
| 2 | Mushrooms | | | |
| | Integrated mushroom unit for spawn, compost production and training in Private Sector | Nos. | 1 | 25.00 |
| 3 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 8 | 2.80 |
| | Cut Flowers - Other farmer | ha. | 8 | 1.85 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 13 | 5.85 |
| | Bulbous Flower - Other farmer | ha. | 25 | 7.43 |
| 4 | Rejuvenation of Old Orchards | ha. | 50 | 7.50 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 3700 | 17.30 |
| B | Plastic Mulching | ha. | 20 | 2.00 |
| C | Shadenet House - Tubular Structure | Sq.m. | 2520 | 7.56 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 1000 | 0.10 |
| 6 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 7 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 400 | 20.00 |
| 8 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 150 | 1.05 |
| | Hives | Nos. | 150 | 1.20 |
| | Equipment including honey extractor | Nos. | 15 | 1.05 |
| 9 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 15 | 2.63 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 120 | 0.48 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 75 | 1.50 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 20 | 30.00 |
| | Modernisation of existing Cold Storage in Public Sector | Nos. | 1 | 20.00 |

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|-----------------------------------------------------------------|------|----------|----------------------|
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 5 | 0.75 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 188.20 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Deogarh

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|------------------------|-------------------------------------------------|-----------------------------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Small Nursery - Pub Sector | Nos. | 1 | 6.25 |
| | Small Nursery - Pvt Sector | Nos. | 2 | 6.25 |
| 2 | Vegetable Seed Production in Pvt. Sector | ha. | 40 | 10 |
| 3 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 6 | 1.87 |
| | Mango Normal | ha. | 70 | 6.93 |
| | Litchi | ha. | 30 | 3.95 |
| | Citrus | ha. | 10 | 1.50 |
| | Pomegranate | ha. | 10 | 1.80 |
| | Guava | ha. | 20 | 1.98 |
| | Custardapple | ha. | 10 | 1.80 |
| 4 | Mushrooms | | | |
| | Spawn making unit in Private Sector | Nos. | 1 | 7.5 |
| 5 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 3 | 1.05 |
| | Cut Flowers - Other farmer | ha. | 3 | 0.69 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 2 | 0.90 |
| | Bulbous Flower - Other farmer | ha. | 2 | 0.59 |
| 6 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 7 | Creation of Water Reources | | | |
| | Use of plastic lining on farm pond | Nos. | 1 | 15 |
| 8 | Protected Cultivation | | | |
| | A Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 200 | 0.38 |
| | Tubular Structure | Sq.m. | 4500 | 21.04 |
| | B Plastic Mulching | ha. | 30 | 3.00 |
| | C Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 1235 | 1.85 |
| | Tubular Structure | Sq.m. | 5040 | 15.12 |
| | D Anti Bird / Anti Hail Nets | Sq.m. | 1000 | 0.10 |
| | 9 | Promotion of INM/IPM | | |
| Promotion of IPM / INM | | Nos. | 40 | 0.40 |
| 10 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| 11 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 20 | 1.40 |

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------------------------------------------|------|----------|-------------------------|
| 12 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 10 | 1.75 |
| | Power Machine (up to 20 BHP) with rotavator /equipment | Nos. | 13 | 7.80 |
| 13 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 100 | 0.40 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 75 | 1.50 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 14 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Cold Storage Units (Const. / expansion / modernisation) (capacity 5000 MT) | Nos. | 1 | 120.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 20 | 10.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 15 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 2 | 0.30 |
| 16 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 17 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 346.70 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Dhenkanal

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|------------------------------|-----------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Model Nursery - Pvt. Sector | Nos. | 1 | 12.5 |
| | Small Nursery - Pvt. Sector | Nos. | 1 | 3.125 |
| | Small Nursery - Pub. Sector | Nos. | 1 | 6.25 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango Normal | ha. | 100 | 9.90 |
| | Mango High Density | ha. | 7 | 1.68 |
| | Papaya | ha. | 5 | 0.90 |
| 3 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 6 | 2.70 |
| | Bulbous Flower - Other farmer | ha. | 15 | 4.46 |
| 4 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 5 | Creation of Water Resources | | | |
| | Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 10 | 6.00 |
| 6 | Protected Cultivation | | | |
| | A Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 515 | 0.97 |
| | Tubular Structure | Sq.m. | 3000 | 14.03 |
| | B Plastic Mulching | ha. | 6 | 0.60 |
| | C Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 3090 | 4.64 |
| | Tubular Structure | Sq.m. | 2600 | 7.80 |
| | D Cost of planting material of high value vegetables grown in poly green house | Sq.m. | 2000 | 1.05 |
| | E Cost of planting material of commercial flower grown in poly green house | Sq.m. | 2000 | 5.00 |
| F Anti Bird / Anti Hail Nets | Sq.m. | 500 | 0.05 | |
| 7 | Organic Farming | | | |
| | Organic Cultivation | ha. | 250 | 10.00 |
| | HDPE Vermi Bed | Nos. | 400 | 20.00 |
| | Certification | ha. | 250 | 7.50 |
| 8 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 400 | 2.80 |
| | Hives | Nos. | 400 | 3.20 |
| | Equipment including honey extractor | Nos. | 50 | 3.50 |

| | | | | |
|----|--------------------------------------------------------------------------------------------|------|-----|---------------|
| 9 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 20 | 3.50 |
| | Power Machine (up to 20 BHP) with rotavator /equipment | Nos. | 15 | 9.00 |
| | Import of New machine tools | Nos. | 1 | 25.00 |
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 200 | 0.8 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 40 | 60.00 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| | Market extension,quality awareness & market led extension activities for fresh products | Nos. | 1 | 3.00 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 311.56 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Gajapati

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 6 | 1.87 |
| | Pineapple | ha. | 20 | 4.88 |
| | Mango | ha. | 50 | 4.95 |
| | Citrus | ha. | 15 | 2.25 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 1 | 0.35 |
| | Cut Flowers - Other farmer | ha. | 1 | 0.23 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 5 | 2.25 |
| | Bulbous Flower - Other farmer | ha. | 5 | 1.49 |
| 3 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 50 | 0.09 |
| | Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 5 | 0.50 |
| C | Shadenet House - Bamboo Structure | Sq.m. | 60 | 0.09 |
| | Tubular Structure | Sq.m. | 900 | 2.70 |
| 4 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| 5 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 150 | 1.05 |
| | Hives | Nos. | 150 | 1.20 |
| | Equipment including honey extractor | Nos. | 15 | 1.05 |
| 6 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 10 | 1.75 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 12 | 7.20 |
| 7 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 5 | 1.50 |
| | Training of farmers within the District | Nos. | 100 | 0.4 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 35 | 1.75 |
| 8 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Modernisation of existing Cold Storage in Public Sector | Nos. | 1 | 20.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |

| | | | | |
|--------------|----------------------------------------------------------------|------|---|---------------|
| 9 | Estt. of Marketing Infrastructure | | | |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 10 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 11 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| Total | | | | 129.01 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Ganjam

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 50 | 4.95 |
| | Citrus | ha. | 10 | 1.50 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 8 | 3.60 |
| | Bulbous Flower - Other farmer | ha. | 15 | 4.46 |
| 3 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 310 | 0.58 |
| | Tubular Structure | Sq.m. | 2500 | 11.69 |
| B | Plastic Mulching | ha. | 8 | 0.80 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 540 | 0.81 |
| | Tubular Structure | Sq.m. | 2000 | 6.00 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 |
| 5 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 5 | 0.05 |
| 6 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| 7 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 20 | 1.40 |
| 8 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 15 | 9.00 |
| | rotavator / equipment | | | |
| 9 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 200 | 0.8 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |

| | | | | |
|--------------|--------------------------------------------------------------------|------|----|---------------|
| 10 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 2 | 12.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 11 | Estt. of Marketing Infrastructure | | | |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 5 | 0.75 |
| 12 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 13 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| Total | | | | 157.14 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Jajpur

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------|-------|----------|-------------------------|
| 1 | Rejuvenation of Old Orchards | ha. | 20 | 3.00 |
| 2 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 1100 | 5.14 |
| B | Plastic Mulching | ha. | 6 | 0.60 |
| C | Shadenet House - | | | |
| | Tubular Structure | Sq.m. | 600 | 1.80 |
| 3 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 15 | 0.15 |
| 4 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 5 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 75 | 0.53 |
| | Hives | Nos. | 75 | 0.60 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 6 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 12 | 7.20 |
| | rotavator / equipment | | | |
| 7 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 50 | 0.2 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 35 | 1.75 |
| 8 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 7 | 10.50 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 9 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform | Nos. | 3 | 0.45 |
| | with cool chamber | | | |
| 10 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with | Nos. | 1 | 1.00 |
| | Agriculture Department | | | |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 11 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 54.77 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Jharsuguda

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------|-------|----------|-------------------------|
| 1 | Vegetable Seed Production in Pvt. Sector | ha. | 20 | 5.00 |
| 2 | Rejuvenation of Old Orchards | ha. | 50 | 7.50 |
| 3 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 1030 | 1.93 |
| | Tubular Structure | Sq.m. | 3700 | 17.30 |
| B | Plastic Mulching | ha. | 30 | 3.00 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 1240 | 1.86 |
| | Tubular Structure | Sq.m. | 5040 | 15.12 |
| 4 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 5 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 100 | 0.70 |
| | Hives | Nos. | 100 | 0.80 |
| | Equipment including honey extractor | Nos. | 15 | 1.05 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 15 | 9.00 |
| | rotavator / equipment | | | |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 7 | 2.10 |
| | Training of farmers within the District | Nos. | 50 | 0.20 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 50 | 2.50 |
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 10 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform | Nos. | 2 | 0.30 |
| | with cool chamber | | | |
| 11 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with | Nos. | 1 | 1.00 |
| | Agriculture Department | | | |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 12 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 103.21 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Jagatsinghpur

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|------------------------------|
| 1 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 6 | 0.60 |
| C | Shadenet House - Tubular Structure | Sq.m. | 1000 | 3.00 |
| 2 | Promotion of INM/IPM Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 3 | Organic Farming HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 4 | Pollination support through bee keeping Honey bee colony Hives Equipment including honey extractor | Nos. Nos. Nos. | 75 75 10 | 0.53 0.60 0.70 |
| 5 | Horticulture Mechanization Power operated machines / tools including Power Saw and Plant Protection equipments etc. Power Machine (up to 20 BHP) with rotavator/equipment | Nos. Nos. | 8 8 | 1.40 4.80 |
| 6 | Human Resource Development Gardeners Training Training of farmers within the District Exposure visit of Farmers Within the State including T.A. Outside the State including T.A. | Nos. Nos. Nos. Nos. | 8 100 60 35 | 2.40 0.40 1.20 1.75 |
| 7 | Integrated Post Harvest Management Pack House / On farm collection & storage unit Evaporative / low energy cool chamber (8 MT) | Nos. Nos. | 7 1 | 10.50 2.00 |
| 8 | Estt. of Marketing Infrastructure Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| 9 | Activities of the Commemorate of Horticulture Year District level Vegetable Exhibition Horticulture Mela in Collaboration with Agriculture Department District Level Flower Show | Nos. Nos. Nos. | 1 1 1 | 1.00 1.00 1.00 |
| 10 | Mission Management District Level Show | Nos. | 1 | 2.00 |
| | Grand Total | | | 52.59 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Kalahandi

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|------------------------------|
| 1 | Establishment of Nursery Small Nursery - Pvt Sector | Nos. | 1 | 3.125 |
| 2 | Establishment of New Gardens Banana Tissue Culture Mango Citrus Pomegranate | ha. ha. ha. ha. | 10 50 5 8 | 3.12 4.95 0.75 1.44 |
| 3 | Flowers Cut Flowers - Small & Marginal Farmers Cut Flowers - Other farmer Bulbous Flower - Small & Marginal Farmers Bulbous Flower - Other farmer | ha. ha. ha. ha. | 5 5 5 10 | 1.75 1.16 2.25 2.97 |
| 4 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 515 | 0.97 |
| | Tubular Structure | Sq.m. | 3000 | 14.03 |
| B | Plastic Mulching | ha. | 30 | 3.00 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 3095 | 4.64 |
| | Tubular Structure | Sq.m. | 3000 | 9.00 |
| E | Plastic Tunnels | ha. | 500 | 0.08 |
| F | Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 |
| 6 | Promotion of INM/IPM Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 7 | Organic Farming Organic Cultivation HDPE Vermi Bed Certification Assistance for 2nd year on Certification | ha. Nos. ha. ha. | 550 300 550 ha. | 22.00 15.00 16.50 |
| 8 | Pollination support through bee keeping Honey bee colony Hives Equipment including honey extractor | Nos. Nos. Nos. | 500 500 50 | 3.50 4.00 3.50 |
| 9 | Horticulture Mechanization Power operated machines / tools including Power Saw and Plant Protection equipments etc. Power Machine (up to 20 BHP) with rotavator / equipment | Nos. Nos. | 15 15 | 2.63 9.00 |

| | | | | |
|--------------------|------------------------------------------------------------------------------------------|------|---------|---------------|
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 15 | 4.50 |
| | Training of farmers within the District | Nos. | 350 | 1.4 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 30 | 45.00 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Low Cost Onion Storage Structure (25 MT) Evaporative / low energy cool chamber (8 MT) | Nos. | 20 1 | 10.00 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Up gradation of Mandi | Nos. | 1 | 6.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 5 | 0.75 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| Grand Total | | | | 240.12 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Keonjhar

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-----------------------------------------------------------------------------|------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Model Nursery - Pvt. Sector | Nos. | 1 | 12.5 |
| | Small Nursery - Pvt Sector | Nos. | 1 | 3.125 |
| | Model Nursery - Pub. Sector | Nos. | 1 | 25.00 |
| | Small Nursery - Pub Sector | Nos. | 1 | 6.25 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 6 | 1.87 |
| | Mango | ha. | 100 | 9.90 |
| | Citrus | ha. | 5 | 0.75 |
| | Guava | ha. | 10 | 0.99 |
| | Papaya | ha. | 7 | 1.26 |
| 3 | Mushrooms | | | |
| Spawn making unit in Private Sector | Nos. | 1 | 7.5 | |
| 4 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 7 | 3.15 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 5 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 6 | Creation of Water Reources | | | |
| Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 20 | 12.00 | |
| 7 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 50 | 0.09 |
| | Tubular Structure | Sq.m. | 600 | 2.81 |
| B | Plastic Mulching | ha. | 6 | 0.60 |
| C | Shadenet House - | | | |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| G | Anti Bird / Anti Hail Nets | Sq.m. | 500 | 0.05 |
| 8 | Promotion of INM / IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 9 | Organic Farming | | | |
| HDPE Vermi Bed | Nos. | 300 | 15.00 | |
| 10 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 100 | 0.70 |
| | Hives | Nos. | 100 | 0.80 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 11 | Horticulture Mechanization | | | |
| Power operated machines / tools including | Nos. | 15 | 2.63 | |

| | | | | |
|-----------|-------------------------------------------------------------------|------|-----|---------------|
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 10 | 6.00 |
| | Power Machines (20 HP & above including accessories / equipments) | Nos. | 2 | 3.00 |
| 12 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 200 | 0.8 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 50 | 2.50 |
| 13 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 25 | 37.50 |
| | Pre-cooling Unit | Nos. | 3 | 18.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 14 | Estt. of Marketing Infrastructure | | | |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 15 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 16 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 225.89 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Koraput

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Model Nursery in Pub. Sector | Nos. | 1 | 25.00 |
| | Small Nursery in Pvt. Sector | Nos. | 1 | 3.125 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 60 | 5.94 |
| | Litchi | ha. | 10 | 1.32 |
| | Citrus | ha. | 5 | 0.75 |
| | Guava | ha. | 6 | 0.59 |
| | Papaya | ha. | 5 | 0.90 |
| 3 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 6 | 2.70 |
| | Bulbous Flower - Other farmer | ha. | 20 | 5.94 |
| 4 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 5 | Spices | | | |
| | Ginger | ha. | 500 | 62.50 |
| 6 | Protected Cultivation | | | |
| | A Green House (Naturally Ventilated System) | | | |
| | Wooden Structure | Sq.m. | 600 | 1.55 |
| | Tubular Structure | Sq.m. | 2000 | 9.35 |
| | B Plastic Mulching | ha. | 6 | 0.60 |
| | C Shadenet House - | | | |
| | Wooden Structure | Sq.m. | 4140 | 8.49 |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| | D Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 |
| | | | | |
| 7 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 15 | 0.15 |
| 8 | Organic Farming | | | |
| | Organic Cultivation | ha. | 1000 | 40.00 |
| | HDPE Vermi Bed | Nos. | 500 | 25.00 |
| | Certification | ha. | 1000 | 30.00 |
| 9 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 400 | 2.80 |
| | Hives | Nos. | 400 | 3.20 |
| | Equipment including honey extractor | Nos. | 40 | 2.80 |
| 10 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 20 | 3.50 |

| | | | | |
|-----------|--------------------------------------------------------------------------------------------------------------|------|-----|---------------|
| | Power Saw and Plant Protection equipments etc. Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 11 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 150 | 0.6 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 12 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Modernisation of existing Cold Storage in Public Sector | Nos. | 1 | 20.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Cashew nut Processing Unit | Nos. | 2 | 12.00 |
| | Cashew Modernisation | Nos. | 2 | 12.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 13 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : | Nos. | 1 | 6.00 |
| | Primary Collection Centre, sorting, grading packing units etc. | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 14 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 15 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| | Total | | | 296.45 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Khurda

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|-------------------------------------|------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Small Nursery - Pvt Sector | Nos. | 1 | 3.125 |
| | Model Nursery - Pvt. Sector | Nos. | 1 | 12.50 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 72 | 7.13 |
| | Citrus | ha. | 5 | 0.75 |
| | Pomegranate | ha. | 5 | 0.90 |
| | Guava | ha. | 5 | 0.49 |
| | Papaya | ha. | 5 | 0.90 |
| 3 | Mushrooms | | | |
| Spawn making unit in Private Sector | Nos. | 1 | 7.5 | |
| 4 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 6 | 2.10 |
| | Cut Flowers - Other farmer | ha. | 6 | 1.39 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 14 | 6.30 |
| | Bulbous Flower - Other farmer | ha. | 25 | 7.43 |
| 5 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 6 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 5 | 0.50 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 3095 | 4.64 |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| D | Cost of planting material of high value vegetables grown in poly green house | Sq.m. | 2500 | 1.31 |
| E | Cost of planting material of commercial flower grown in poly green house | Sq.m. | 2500 | 6.25 |
| F | Anti Bird / Anti Hail Nets | Sq.m. | 2500 | 0.25 |
| 7 | Promotion of INM/ IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 8 | Organic Farming | | | |
| | Organic Cultivation | ha. | 500 | 20.00 |
| | HDPE Vermi Bed | Nos. | 400 | 20.00 |
| | Certification | ha. | 500 | 15.00 |
| 9 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 300 | 2.10 |
| | Hives | Nos. | 300 | 2.40 |
| | Equipment including honey extractor | Nos. | 30 | 2.10 |

| | | | | |
|----|------------------------------------------------------------------------------------------|------|-----|---------------|
| 10 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 15 | 2.63 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 11 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 5 | 1.50 |
| | Training of farmers within the District | Nos. | 100 | 0.40 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 50 | 2.50 |
| 12 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 18 | 27.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Preservation Unit (low cost) (New) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 13 | Estt. of Marketing Infrastructure | | | |
| | Up gradation of Mandi | Nos. | 2 | 12.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| 14 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 15 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 232.52 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Kendrapara

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------|-------|----------|-------------------------|
| 1 | Rejuvenation of Old Orchards | ha. | 20 | 3.00 |
| 2 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 800 | 3.74 |
| B | Plastic Mulching | ha. | 3 | 0.30 |
| C | Shadenet House - Tubular Structure | Sq.m. | 600 | 1.80 |
| 3 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 4 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 5 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 75 | 0.53 |
| | Hives | Nos. | 75 | 0.60 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 6 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 8 | 1.40 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 8 | 4.80 |
| | rotavator / equipment | | | |
| 7 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 50 | 0.2 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 35 | 1.75 |
| 8 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 7 | 10.50 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform | Nos. | 3 | 0.45 |
| | with cool chamber | | | |
| 9 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration | Nos. | 1 | 1.00 |
| | with Agriculture Department | | | |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| | State Level Flower Show (2 days) | Nos. | | |
| 10 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Grand Total | | | 50.27 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Malkangiri

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 5 | 1.56 |
| | Mango | ha. | 20 | 1.98 |
| | Papaya | ha. | 5 | 0.90 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 1 | 0.35 |
| | Cut Flowers - Other farmer | ha. | 1 | 0.23 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 2 | 0.90 |
| | Bulbous Flower - Other farmer | ha. | 5 | 1.49 |
| 3 | Rejuvenation of Old Orchards | ha. | | 0.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Wooden Structure | Sq.m. | 200 | 0.52 |
| | Tubular Structure | Sq.m. | 500 | 2.34 |
| B | Plastic Mulching | ha. | 3 | 0.30 |
| C | Shadenet House - | | | |
| | Wooden Structure | Sq.m. | 1380 | 2.83 |
| | Tubular Structure | Sq.m. | 500 | 1.50 |
| 5 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | ha. | 10 | 0.10 |
| 6 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 7 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 100 | 0.70 |
| | Hives | Nos. | 100 | 0.80 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 8 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 10 | 1.75 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 10 | 6.00 |
| 9 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 80 | 0.32 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |

| | | | | |
|--------------|--------------------------------------------------------------------------------------------|-------------|---|--------------|
| 10 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 5 | 7.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| 11 | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| 12 | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 2 | 0.30 |
| | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| 13 | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| Total | | Nos. | | 67.46 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Mayurbhanj

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 80 | 7.92 |
| | Citrus | ha. | 10 | 1.50 |
| | Guava | ha. | 5 | 0.49 |
| | Papaya | ha. | 4 | 0.72 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 6 | 2.10 |
| | Cut Flowers - Other farmer | ha. | 6 | 1.39 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 8 | 3.60 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 3 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 4 | Creation of Water Reources | | | |
| | Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 25 | 15.00 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 50 | 0.09 |
| | Tubular Structure | Sq.m. | 3700 | 17.30 |
| B | Plastic Mulching | ha. | 30 | 3.00 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 310 | 0.47 |
| | Tubular Structure | Sq.m. | 2200 | 6.60 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 600 | 0.06 |
| 6 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 40 | 0.40 |
| 7 | Organic Farming | | | |
| | Organic Cultivation | ha. | 250 | 10.00 |
| | HDPE Vermi Bed | Nos. | 500 | 25.00 |
| | Certification | ha. | 250 | 7.50 |
| 8 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 500 | 3.50 |
| | Hives | Nos. | 500 | 4.00 |
| | Equipment including honey extractor | Nos. | 50 | 3.50 |
| 9 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 20 | 3.50 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 18 | 10.80 |

| | | | | |
|--------------|--------------------------------------------------------------------------------------------------|------|---------|---------------|
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 15 | 4.50 |
| | Training of farmers within the District | Nos. | 200 | 0.8 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 150 | 3.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 25 | 37.50 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Preservation Unit (low cost) (New) | Nos. | 1 | 1.00 |
| | Low Cost Onion Storage Structure (25 MT) Evaporative / low energy cool chamber (8 MT) | Nos. | 15 1 | 7.50 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 5 | 0.75 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| Total | | | | 250.18 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Nawarangpur

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|-----------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 5 | 1.56 |
| | Mango | ha. | 25 | 2.48 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 1 | 0.35 |
| | Cut Flowers - Other farmer | ha. | 1 | 0.23 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 2 | 0.90 |
| | Bulbous Flower - Other farmer | ha. | 5 | 1.49 |
| 3 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Wooden Structure | Sq.m. | 200 | 0.52 |
| | Tubular Structure | Sq.m. | 500 | 2.34 |
| B | Plastic Mulching | ha. | 3 | 0.30 |
| C | Shadenet House - | | | |
| | Wooden Structure | Sq.m. | 2760 | 5.66 |
| | Tubular Structure | Sq.m. | 700 | 2.10 |
| 4 | Promotion of INM / IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 5 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 125 | 0.88 |
| | Hives | Nos. | 125 | 1.00 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 15 | 9.00 |
| | rotavator / equipment | | | |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 8 | 2.40 |
| | Training of farmers within the District | Nos. | 100 | 0.4 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 80 | 1.60 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 5 | 7.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 10 | 5.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 10 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : | Nos. | 1 | 6.00 |
| | Primary Collection Centre, sorting, grading packing | | | |
| | units etc. | | | |
| | Static / Mobile Vending Cart / platform | Nos. | 2 | 0.30 |
| | with cool chamber | | | |
| 11 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with | Nos. | 1 | 1.00 |
| | Agriculture Department | | | |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 12 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| | Total | | | 91.54 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Nayagarh

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 8 | 2.50 |
| | Mango | ha. | 50 | 4.95 |
| | Citrus | ha. | 5 | 0.75 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 4 | 1.40 |
| | Cut Flowers - Other farmer | ha. | 4 | 0.92 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 4 | 1.80 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 3 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 3000 | 14.03 |
| B | Plastic Mulching | ha. | 5 | 0.50 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 4330 | 6.50 |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| D | Cost of planting material of high value vegetables grown in poly green house | Sq.m. | 1000 | 0.53 |
| E | Cost of planting material of commercial flower grown in poly green house | Sq.m. | 1000 | 2.50 |
| G | Anti Bird / Anti Hail Nets | Sq.m. | 3600 | 0.36 |
| 5 | Organic Farming | | | |
| | Organic Cultivation | ha. | 500 | 20.00 |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| | Certification | ha. | 500 | 15.00 |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 300 | 2.10 |
| | Hives | Nos. | 300 | 2.40 |
| | Equipment including honey extractor | Nos. | 30 | 2.10 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 10 | 1.75 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 13 | 7.80 |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 5 | 1.50 |
| | Training of farmers within the District | Nos. | 80 | 0.32 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |

| | | | | |
|--------------|----------------------------------------------------------------|------|----|---------------|
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 10 | Estt. of Marketing Infrastructure | | | |
| | Up gradation of Mandi | Nos. | 2 | 12.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| 11 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 12 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| Total | | | | 186.77 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Nuapada

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 5 | 1.56 |
| | Mango | ha. | 50 | 4.95 |
| | Pomegranate | ha. | 7 | 1.26 |
| | Guava | ha. | 6 | 0.59 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 1 | 0.35 |
| | Cut Flowers - Other farmer | ha. | 1 | 0.23 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 3 | 1.35 |
| | Bulbous Flower - Other farmer | ha. | 5 | 1.49 |
| 3 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 100 | 0.19 |
| | Tubular Structure | Sq.m. | 1000 | 4.68 |
| B | Plastic Mulching | ha. | 10 | 1.00 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 620 | 0.93 |
| | Tubular Structure | Sq.m. | 1000 | 3.00 |
| D | Plastic Tunnels | ha. | 500 | 0.08 |
| 4 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 20 | 0.20 |
| 5 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 100 | 0.70 |
| | Hives | Nos. | 100 | 0.80 |
| | Equipment including honey extractor | Nos. | 10 | 0.70 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 12 | 7.20 |
| | rotavator / equipment | | | |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 200 | 0.8 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 30 | 1.50 |

| | | | | |
|----|----------------------------------------------------------------|------|----|--------------|
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 20 | 10.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 10 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 2 | 0.30 |
| 11 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 12 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 93.60 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Phulbani

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 60 | 5.94 |
| | Mango High Density | ha. | 3 | 0.72 |
| | Litchi | ha. | 10 | 1.32 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 8 | 3.60 |
| | Bulbous Flower - Other farmer | ha. | 25 | 7.43 |
| 3 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 |
| 4 | Spices | | | |
| | Ginger | ha. | | |
| | Turmeric | ha. | 1900 | 237.50 |
| 5 | Creation of Water Resources | | | |
| | Use of plastic lining on farm pond | Nos. | 2 | 30 |
| | Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 70 | 42 |
| 6 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 800 | 1.50 |
| | Tubular Structure | Sq.m. | 2500 | 11.69 |
| B | Plastic Mulching | ha. | 635 | 63.50 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 7425 | 11.14 |
| | Tubular Structure | Sq.m. | 5000 | 15.00 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 3000 | 0.30 |
| 7 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 8 | Organic Farming | | | |
| | Organic Cultivation | ha. | 2200 | 88.00 |
| | HDPE Vermi Bed | Nos. | 1100 | 55.00 |
| | Certification | ha. | 2200 | 66.00 |
| 9 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 400 | 2.80 |
| | Hives | Nos. | 400 | 3.20 |
| | Equipment including honey extractor | Nos. | 40 | 2.80 |
| 10 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 20 | 3.50 |

| | | | | |
|-----------|--------------------------------------------------------------------------------------------|------|-----|---------------|
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 11 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 15 | 4.50 |
| | Training of farmers within the District | Nos. | 350 | 1.4 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 150 | 3.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 12 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 35 | 52.50 |
| | Pre-cooling Unit | Nos. | 3 | 18.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Pusa Zero Energy Cool Chamber (100 kg.) | Nos. | 500 | 10.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 13 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Rural Market / Apni Mandi | Nos. | 1 | 8.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| 14 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 15 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 806.65 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Puri

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|----------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery Model Nursery - Pub. Sector | Nos. | 1 | 25 |
| 2 | Establishment of New Gardens Banana Tissue Culture | ha. | 10 | 3.12 |
| | Guava | ha. | 3 | 0.30 |
| | Papaya | ha. | 5 | 0.90 |
| 3 | Mushrooms Integrated mushroom unit for spawn, compost production and training in Private Sector | Nos. | 1 | 25 |
| 4 | Flowers Cut Flowers - Small & Marginal Farmers | ha. | 8 | 2.80 |
| | Cut Flowers - Other farmer | ha. | 8 | 1.85 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 10 | 4.50 |
| | Bulbous Flower - Other farmer | ha. | 20 | 5.94 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 3 | 0.30 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 3095 | 4.64 |
| | Tubular Structure | Sq.m. | 1500 | 4.50 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 5000 | 0.50 |
| 6 | Organic Farming HDPE Vermi Bed | Nos. | 400 | 20.00 |
| 7 | Pollination support through bee keeping Honey bee colony | Nos. | 300 | 2.10 |
| | Hives | Nos. | 300 | 2.40 |
| | Equipment including honey extractor | Nos. | 30 | 2.10 |
| 8 | Horticulture Mechanization Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 15 | 2.63 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 10 | 6.00 |
| 9 | Human Resource Development Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 100 | 0.4 |
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 110 | 2.20 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |

| | | | | |
|--------------------|----------------------------------------------------------------------------|------|----|---------------|
| 10 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 18 | 27.00 |
| | Cold Storage Units (Const. / expansion / modernisation) (capacity 5000 MT) | Nos. | 1 | 120.00 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 11 | Estt. of Marketing Infrastructure | | | |
| | Up gradation of Mandi | Nos. | 3 | 18.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 4 | 0.60 |
| 12 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 13 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| Grand Total | | | | 318.78 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Rayagada

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|------------------------------------------------|------------|-----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 |
| | Mango | ha. | 50 | 4.95 |
| | Litchi | ha. | 20 | 2.63 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 3 | 1.05 |
| | Cut Flowers - Other farmer | ha. | 3 | 0.69 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 6 | 2.70 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 3 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 4 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Wooden Structure | Sq.m. | 200 | 0.52 |
| | Tubular Structure | Sq.m. | 1500 | 7.01 |
| B | Plastic Mulching | ha. | 4 | 0.40 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 2475 | 3.71 |
| | Tubular Structure | Sq.m. | 1100 | 3.30 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 800 | 0.08 |
| 5 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 6 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| 7 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 15 | 1.05 |
| 8 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 15 | 2.63 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 12 | 7.20 |
| | rotavator / equipment | | | |
| 9 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 100 | 0.4 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |

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|-----------|-----------------------------------------------------------------------------------------------|------|----|---------------|
| 10 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Cashew nut Processing Unit | Nos. | 1 | 6.00 |
| | Cashew Modernisation | Nos. | 1 | 6.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 20 | 10.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 11 | Estt. of Marketing Infrastructure | | | |
| | Functional Infrastructure : Primary Collection Centre, sorting, grading packing units etc. | Nos. | 1 | 6.00 |
| | Up gradation of Mandi | Nos. | 1 | 6.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 12 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 13 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2 |
| | Total | | | 169.06 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Sambalpur

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) | |
|------------------------|-----------------------------------------------------------------------------|-------------------------------------------|----------|-------------------------|-------|
| 1 | Establishment of Nursery | | | | |
| | Small Nursery - Pub Sector | Nos. | 1 | 6.25 | |
| | Small Nursery - Pvt Sector | Nos. | 1 | 3.125 | |
| 2 | Setting up New TC Unit | Nos. | 1 | 25.0 | |
| 3 | Vegetable Seed Production in Pvt. Sector | ha. | 50 | 12.5 | |
| 4 | Establishment of New Gardens | | | | |
| | Banana Tissue Culture | ha. | 10 | 3.12 | |
| | Mango | ha. | 50 | 4.95 | |
| | Litchi | ha. | 10 | 1.32 | |
| | Citrus | ha. | 5 | 0.75 | |
| | Pomegranate | ha. | 10 | 1.80 | |
| | Guava | ha. | 25 | 2.47 | |
| | Custardapple | ha. | 25 | 4.50 | |
| | Papaya | ha. | 5 | 0.90 | |
| 5 | Flowers | | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 | |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 | |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 8 | 3.60 | |
| | Bulbous Flower - Other farmer | ha. | 12 | 3.56 | |
| 6 | Rejuvenation of Old Orchards | ha. | 100 | 15.00 | |
| 7 | Creation of Water Reources | | | | |
| | Use of plastic lining on farm pond | Nos. | 2 | 30.00 | |
| | Water Harvesting System for Individual (20m X 15mX3m) @ Rs.100/- per cum | Nos. | 10 | 6.00 | |
| 8 | Protected Cultivation | | | | |
| | A | Green House (Naturally Ventilated System) | | | |
| | | Bamboo Structure | Sq.m. | 200 | 0.38 |
| | | Tubular Structure | Sq.m. | 9000 | 42.08 |
| | B | Plastic Mulching | ha. | 65 | 6.50 |
| | C | Shadenet House - | | | |
| | | Bamboo Structure | Sq.m. | 1235 | 1.85 |
| | | Tubular Structure | Sq.m. | 15000 | 45.00 |
| | D | Anti Bird / Anti Hail Nets | Sq.m. | 1500 | 0.15 |
| | 9 | Promotion of INM/IPM | | | |
| Promotion of IPM / INM | | Nos. | 40 | 0.40 | |
| 10 | Organic Farming | | | | |
| | HDPE Vermi Bed | Nos. | 400 | 20.00 | |
| 11 | Pollination support through bee keeping | | | | |
| | Honey bee colony | Nos. | 500 | 3.50 | |
| | Hives | Nos. | 500 | 4.00 | |
| | Equipment including honey extractor | Nos. | 50 | 3.50 | |

| | | | | |
|---------------------|---------------------------------------------------------------------------------------------|------|-----|---------------|
| 12 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 20 | 3.50 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 15 | 9.00 |
| 13 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 20 | 6.00 |
| | Training of farmers within the District | Nos. | 165 | 0.66 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 100 | 2.00 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 14 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 30 | 45.00 |
| | Pre-cooling Unit | Nos. | 2 | 12.00 |
| | Refer Vans / containers | Nos. | 1 | 9.60 |
| | Ripening Chamber (40 MT each) | Nos. | 1 | 16.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 20 | 10.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 15 | Estt. of Marketing Infrastructure | | | |
| | Estt. of Terminal Market | Nos. | 1 | 50.00 |
| | Functional Infrastructure : . | Nos. | 1 | 6.00 |
| | Primary Collection Centre, sorting, grading packing units etc | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| | Market extension, quality awareness & market led extension activities for fresh products | Nos. | 1 | 3.00 |
| 16 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 17 | Mission Management | | | |
| District Level Show | Nos. | 1 | 2 | |
| | Total | | | 439.31 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Sonepur

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|---------|------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of Nursery | | | |
| | Model Nursery - Pvt. Sector | Nos. | 1 | 12.5 |
| | Small Nursery - Pub. Sector | Nos. | 1 | 6.25 |
| 2 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 5 | 1.56 |
| | Mango | ha. | 50 | 4.95 |
| | Papaya | ha. | 5 | 0.90 |
| 3 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 2 | 0.70 |
| | Cut Flowers - Other farmer | ha. | 2 | 0.46 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 2 | 0.90 |
| | Bulbous Flower - Other farmer | ha. | 5 | 1.49 |
| 4 | Rejuvenation of Old Orchards | ha. | 80 | 12.00 |
| 5 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 85 | 0.16 |
| | Tubular Structure | Sq.m. | 500 | 2.34 |
| B | Plastic Mulching | ha. | 3 | 0.30 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 620 | 0.93 |
| | Tubular Structure | Sq.m. | 1500 | 4.50 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 500 | 0.05 |
| 6 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 7 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 200 | 10.00 |
| 8 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 200 | 1.40 |
| | Hives | Nos. | 200 | 1.60 |
| | Equipment including honey extractor | Nos. | 20 | 1.40 |
| 9 | Horticulture Mechanization | | | |
| | Power operated machines / tools including | Nos. | 10 | 1.75 |
| | Power Saw and Plant Protection equipments etc. | | | |
| | Power Machine (up to 20 BHP) with | Nos. | 12 | 7.20 |
| | rotavator / equipment | | | |
| 10 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 30 | 9.00 |
| | Training of farmers within the District | Nos. | 50 | 0.2 |
| | Exposure visit of Farmers | | | |
| | Within the State including T.A. | Nos. | 50 | 1.00 |
| | Outside the State including T.A. | Nos. | 40 | 2.00 |

| | | | | |
|-----------|----------------------------------------------------------------|------|----|---------------|
| 11 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 10 | 15.00 |
| | Low Cost Onion Storage Structure (25 MT) | Nos. | 10 | 5.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| 12 | Estt. of Marketing Infrastructure | | | |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 2 | 0.30 |
| 13 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 14 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 112.93 |

DISTRICT ANNUAL ACTION PLAN UNDER NHM 2012-13

Name of the District : Sundargarh

| Sl. No. | Component | Unit | Physical | Financial (Lakh Rs.) |
|----------|---------------------------------------------------------------------------------------------|-------|----------|-------------------------|
| 1 | Establishment of New Gardens | | | |
| | Banana Tissue Culture | ha. | 6 | 1.87 |
| | Mango | ha. | 20 | 1.98 |
| | Litchi | ha. | 10 | 1.32 |
| | Citrus | ha. | 5 | 0.75 |
| | Pomegranate | ha. | 5 | 0.90 |
| 2 | Flowers | | | |
| | Cut Flowers - Small & Marginal Farmers | ha. | 5 | 1.75 |
| | Cut Flowers - Other farmer | ha. | 5 | 1.16 |
| | Bulbous Flower - Small & Marginal Farmers | ha. | 5 | 2.25 |
| | Bulbous Flower - Other farmer | ha. | 10 | 2.97 |
| 3 | Protected Cultivation | | | |
| A | Green House (Naturally Ventilated System) | | | |
| | Bamboo Structure | Sq.m. | 55 | 0.10 |
| | Tubular Structure | Sq.m. | 3000 | 14.03 |
| B | Plastic Mulching | ha. | 5 | 0.50 |
| C | Shadenet House - | | | |
| | Bamboo Structure | Sq.m. | 835 | 1.25 |
| | Wooden Structure | Sq.m. | 1720 | 3.53 |
| | Tubular Structure | Sq.m. | 2500 | 7.50 |
| D | Anti Bird / Anti Hail Nets | Sq.m. | 500 | 0.05 |
| 4 | Promotion of INM/IPM | | | |
| | Promotion of IPM / INM | Nos. | 10 | 0.10 |
| 5 | Organic Farming | | | |
| | HDPE Vermi Bed | Nos. | 300 | 15.00 |
| | Assistance for 2nd year on Certification | ha. | | |
| 6 | Pollination support through bee keeping | | | |
| | Honey bee colony | Nos. | 500 | 3.50 |
| | Hives | Nos. | 500 | 4.00 |
| | Equipment including honey extractor | Nos. | 50 | 3.50 |
| 7 | Horticulture Mechanization | | | |
| | Power operated machines / tools including Power Saw and Plant Protection equipments etc. | Nos. | 15 | 2.63 |
| | Power Machine (up to 20 BHP) with rotavator / equipment | Nos. | 20 | 12.00 |
| | Import of New machine tools | Nos. | | 0.00 |
| | Power Machines (20 HP & above including accessories / equipments) | Nos. | | 0.00 |
| 8 | Human Resource Development | | | |
| | Gardeners Training | Nos. | 10 | 3.00 |
| | Training of farmers within the District | Nos. | 180 | 0.72 |

| | | | | |
|-----------|--------------------------------------------------------------------|------|----|---------------|
| | Exposure visit of Farmers Within the State including T.A. | Nos. | 90 | 1.80 |
| | Outside the State including T.A. | Nos. | 60 | 3.00 |
| 9 | Integrated Post Harvest Management | | | |
| | Pack House / On farm collection & storage unit | Nos. | 15 | 22.50 |
| | Pre-cooling Unit | Nos. | 1 | 6.00 |
| | Modernisation of existing Cold Storage in Public Sector | Nos. | 1 | 20.00 |
| | Preservation Unit under Public Sector (low cost) (Up gradation) | Nos. | 1 | 1.00 |
| | Evaporative / low energy cool chamber (8 MT) | Nos. | 1 | 2.00 |
| | Estt. of Marketing Infrastructure | | | |
| | Up gradation of Mandi | Nos. | 1 | 6.00 |
| | Static / Mobile Vending Cart / platform with cool chamber | Nos. | 3 | 0.45 |
| 10 | Activities of the Commemorate of Horticulture Year | | | |
| | District level Vegetable Exhibition | Nos. | 1 | 1.00 |
| | Horticulture Mela in Collaboration with Agriculture Department | Nos. | 1 | 1.00 |
| | District Level Flower Show | Nos. | 1 | 1.00 |
| 11 | Mission Management | | | |
| | District Level Show | Nos. | 1 | 2.00 |
| | Total | | | 154.09 |