

**State and Central Schemes under Agriculture Department
during the Year 2007-08 (11th Plan Period)**

Directorate of Agriculture

A. **STATE PLAN SCHEMES:-** There are altogether 44 number of State Plan Schemes being implemented in the State. Some of the important schemes which impact rural development and farmers are as listed below:-

1. **Seed farm** – Production of Cereals, Pulses, Oilseeds etc. and Seed Multiplication.

Objective: Focussed on high quality seed production of cereals, pulses and oilseeds etc.

Pattern of Assistance: production of quality seeds for the farmers of the State through the District Offices for demonstration or for sale at 50% subsidy.

2. **Seed Testing Lab and Seed Certification:**

Objective: To provide seed testing services for farmers and establishment of seed certification lab.

Pattern of Assistance: To provide seed testing services for farmers free of cost including seed certification services.

3. **Fertiliser Distribution:**

Objective: To improve the soil nutrient potentiality in order to obtain higher crop productivity in the State. Transport subsidy for ferrying fertilizers from Guwahati railhead to the district headquarters, is also made available for the farmers to relieve them to a large extent.

Pattern of Assistance: To subsidise the cost of fertiliser for farmers

4. **Soil Testing Lab:**

Objective: For analysing soil samples preceding application of fertiliser in correct dosage in farmer's field.

Pattern of Assistance: To provide soil testing services for farmers free of cost.

5. **Organic Manures including Vermicompost and Compost Pit:**

Objective: To affirm that Vermiculture, Vermicompost and composting of organic matters are viable alternative manures to chemical fertiliser and to motivate farmers in this line. Field trials of available recycled organic manures are given priority.

Pattern of Assistance: Establishing vermicompost units free of cost for farmers including supply of bio-fertilisers at 50% subsidy.

6. **Plant Protection including IPM :**

Objective: Aim to control pests and diseases including weeds and rodents.

Pattern of Assistance: Supply of pesticides and sprayers to farmers for sale at 50% subsidy. However, for endemic areas, the same are supplied free of cost.

7. **Oilseed Development through Cluster Approach:**

Objective: To popularise HYV of Oilseeds via seed distribution at 50% subsidy including holding of demonstration at farmer's field.

Pattern of Assistance: Supply of quality seeds to farmers for demonstration or for sale at 50% subsidy.

8. **Development of Pulses through Cluster Approach:**

Objective: To achieve significant increase in production and productivity of pulses by adopting improved production technology.

Pattern of Assistance: Supply of quality seeds to farmers for demonstration or for sale at 50% subsidy.

9. **Multiple Cropping through Cluster Approach:**

Objective: To ensure and motivate production and productivity of varied crops by exploiting the existence of irrigation projects and rainfed areas from mono cropping to vibrant multiple cropping pattern at farmer's field.

Pattern of Assistance: Supply of quality seeds to farmers for demonstration or for sale at 50% subsidy.

10. Rice Development through Cluster Approach:

Objective: To achieve notable increase in Rice production by adopting crop and location specific production technology.

Pattern of Assistance: Supply of quality seeds to farmers for demonstration or for sale at 50% subsidy.

11. Maize Development through Cluster Approach:

Objective: To achieve notable increase in Maize production by adopting crop and location specific production technology.

Pattern of Assistance: Supply of quality seeds to farmers for demonstration or for sale at 50% subsidy.

12. Agriculture Information Unit:

Objective: To strengthen agriculture extension programme by disseminating news on the latest scientific and farmer friendly methods of cultivation.

Pattern of Assistance: Free distribution of information leaflets, package of practices, booklets etc, including sponsoring Farmer's Group, SHG to exposure programmes like trade fairs, expos, exhibitions in and outside the State.

13. Farmer's Training Institute:

Objective: FTI conducts specialised training in new areas where farmers were hitherto unexposed like new techniques and new technology including exposure and field tours to agriculturally advanced States.

Pattern of Assistance: Farmers are imparted specialised training at the centre including in farmer's field. Exposure programmes and field tours are also conducted for farmer's group.

14. Supply of Power Tillers and Power Pumps:

Objective: To help farmers procure these farm machineries at subsidised rates as well as to hire out at reasonable rates to other farmers.

Pattern of Assistance: Providing subsidy of Rs. 45,000/- for purchase of power tiller and providing subsidy of Rs. 10,000/- for purchase of power pump.

15. Popularising of improved agriculture implements etc.:

Objective: To accelerate agro production, improved implements are given to the farming community at subsidised rates.

Pattern of Assistance: Providing 50% subsidy for purchase of improved farm machinery and implements.

16. Corpus fund on crop insurance:

Objective: To provide insurance and financial aid to farmers for failure of notified crops following unforeseeable calamity, and acquaint farmers with latest technology to help stabilise farm income in critical years.

Pattern of Assistance: Corpus fund for insurance scheme is provided through this scheme.

B. CENTRALLY SPONSORED SCHEMES:- The following are the centrally sponsored schemes with 100% central assistance:

- Farmers Agro Service Centres
- Research Project on Rice (AICRIP)
- Macro Management of Agriculture
- National Watershed Development Project for Rainfed Area (NWDPR)
- Crop Development Program- Integrated Cereal Development, Program for Rice, Special. Jute Dev. Program
- Integrated Pest Management (IPM)
- Promotion of Agricultural Mechanisation, Integrated Nutrient Management-Balance and Integrated Use of Fertilisers, Use of Bio Fertilisers, Organic Manure Production, Vermicompost
- Seed Multiplication Program –Seed Village Concept
- Area Expansion of Maize and Tea

C. **CENTRAL SECTOR SCHEME**:- There are 3 number of schemes with 100% central share. The Schemes are:

- Agriculture Census
- Agriculture Extension Reforms (ATMA)
- Promoting/Strengthening IT in Agriculture

Directorate of Horticulture

A. **STATE PLAN SCHEMES** – There are 32 State Plan schemes under Horticulture sector. A list of the important schemes is given below:

1. **Fertiliser Distribution:**

Objective: To improve the soil nutrient potentiality in order to obtain higher crop productivity in the State. Transport subsidy for ferrying fertilizers from Guwahati railhead to the district headquarters, is also made available for the farmers to relieve them to a large extent.

Pattern of Assistance: To subsidise the cost of fertiliser for farmers.

2. **Organic Manures including Vermicompost and Compost Pit:**

Objective: To affirm that Vermiculture, Vermicompost and composting of organic matters are viable alternative manures to chemical fertiliser and to motivate farmers in this line. Field trials of available recycled organic manures are given priority.

Pattern of Assistance: Establishing Vermicompost units free of cost and including supply of bio-fertiliser at 50% subsidy.

3. **Plant Protection including IPM:**

Objective: Aim to control pests and diseases including weeds and rodents of horticultural crops by distribution of pesticides and equipments at 50% subsidy.

Pattern of Assistance:Supply of pesticides and sprayers to farmers for sale at 50% subsidy.However, for endemic areas, the same are supplied free of cost.

4. **Plantation Development (Arecanut, Cashewnut, Coconut):**

Objective: To boost up the area and production of plantation crops like Arecanut, Cashewnut, Coconut in the State; adopting new strategies in line with the tea package scheme. Assistance is provided for raising plantation of minimum area of 0.5 Ha, for a period of three years.

Pattern of Assistance:

Year 0- Rs.15,000/- per farmer/Ha

Year 1st- Rs.9000/- per farmer/Ha

Year 2nd-Rs.8,500/- per farmer/Ha

5. **Spices Development-** Ginger, Turmeric, Black Pepper, Cardamom, Coriander, Cinnamon and Chillies.

Objective: To assist Spice growers by distribution of quality planting materials, plant protection chemicals including tools and implements at 50% subsidy.

Pattern of Assistance:Supply of inputs and implements to farmers for sale at 50% subsidy.

6. **Tuber Crops Development-** Potato, Tapioca, Colocasia.

Objective: To boost up production of potato by providing quality HYV seeds, chemicals and equipments at 50% subsidy. The scheme also aims to popularise and encourage cultivation of tapioca, colocasia, sweet potato etc.

Pattern of Assistance:Supply of HYV seeds, pesticides and sprayers to farmers for sale at 50% subsidy. Assistance of Rs.3300.00 for an area of 0.2 Ha is also provided.

7. **Mushroom Development:**

Objective: To train farmers in the method of mushroom cultivation, to supply quality spawn and pasteurised compost to farmers.

Pattern of Assistance: Supply of spawns at 50% subsidy and Compost at 30% subsidy.

8. **Tea Development:**

Objective: To continue experimental plantation of tea and to find the possibility of growing tea economically as well as in commercial scale. Seedlings are raised in the experimental station and distributed free to farmers.

Pattern of Assistance: Tea seedlings are raised in nursery for free distribution to farmers.

9. **Tea Package Scheme:** For assistance to local tribal cultivators.

Objective: To provide financial incentives and other assistance to local tribal cultivators to raise micro size tea plantation of area not exceeding 2 Hectares per family. Assistance is provided in 5 installments.

Pattern of Assistance:

0 Year	-	Rs.6000/- per farmer/Ha
1st Year	-	Rs.3500/- per farmer/Ha
2nd Year	-	Rs.2500/- per farmer/Ha
3rd Year	-	Rs.1500/- per farmer/Ha
4th Year	-	Rs.1500/- per farmer/Ha

10. **Indigenous Crops Development:**

Objective: To identify and document indigenous plants and the areas where potential species of commercially viable varieties are abundant; domesticating and raising them in selected cultivator's land or in Government run farms for research and multiplication programmes.

Pattern of Assistance: Free distribution of planting materials, fertiliser, micro nutrients and other inputs.

11. **Agriculture Information Scheme:**

Objective: To provide support to agriculture extension programmes through different media.

Pattern of Assistance: Printing of leaflets, package of practices and conducting publicity campaign, exhibitions, festivals etc.

12. Vegetable Development Scheme:

Objective: To promote vegetable production through HYV seeds and seedlings, including demonstration in farmer's field.

Pattern of Assistance: Supply of seeds/seedlings and garden tools at 50% subsidy. Demonstration on improved method of vegetable cultivation @ Rs.2600/- per farmer is provisioned.

13. Citrus Development:

Objective: To rejuvenate the citrus plantation/industry through new planting and new orchards.

Pattern of Assistance:

1st Year	-	Rs.15,000/- per farmer/Ha
2nd Year	-	Rs.9000/- per farmer/Ha
3rd Year	-	Rs.8500/- per farmer/Ha
4th Year	-	Rs.10,000/- per farmer/Ha
5th Year	-	Rs.8000/- per farmer/Ha

14. Fruit Development Scheme:

Objective: To boost the area and production of fruits through new plantation.

pattern of Assistance: Area of 0.5 Ha for 5 years

1st Year	-	Rs.15,000/- per farmer/Ha
2nd Year	-	Rs.9000/- per farmer/Ha
3rd Year	-	Rs.8500/- per farmer/Ha
4th Year	-	Rs.10,000/- per farmer/Ha
5th Year	-	Rs.8000/- per farmer/Ha

15. General Horticulture Development:

Objective: To make available to the farmers quality planting materials including tools and implements at 50% subsidy.

Pattern of Assistance: Supply of inputs and implements to farmers for sale at 50% subsidy.

16. Floriculture Development Scheme:

Objective: To motivate the farmers to take up floriculture as a commercial venture through distribution of planting materials and other inputs.

Pattern of Assistance: Rs. 13,000/- per farmer towards planting materials and inputs for an area of 0.2 Ha. and Rs. 20,000/- for construction of green house of 45 sqm.

17. Development of Strawberry Cultivation:

Objective: To provide farmers with quality and improved varieties of strawberry planting materials so as to encourage area expansion under this crop such that commercialisation horticulture under this crop is achieved.

Pattern of Assistance: Supply of seedlings and other inputs at subsidised rates.

18. Development of Rose cultivation:

Objective: Strengthening of the Centre of Excellence for Rose at Dewlieh.

Pattern of Assistance: To provide practical demonstration and specialised training to farmers on hi-tech floriculture, green house, plasticulture, Rose cut flower production etc.

19. Development of Anthurium cultivation:

Objective: Strengthening of the Centre of Excellence on Anthurium at Williamnagar.

Pattern of Assistance: To provide practical demonstration and specialised training to farmers on hi-tech floriculture, green house, plasticulture, Anthurium cut flower production etc.

20. Marketing and Quality Control:

Objective: Collection and reporting of reliable and accurate data on market intelligence and market sentiments for important agricultural commodities in the State, to be utilised for formulation and implementation of agriculture price policies.

Pattern of Assistance: Dissemination of market rates of agricultural commodities for the benefit of farmers, traders and consumers through print media and electronic media.

21. Fruit Processing:

Objective: For utilisation of surplus fruit and vegetables and conversion of the same to marketable processed products like jam, jelly, squashes, thereby creating a market for fruit growers.

Pattern of Assistance: Procurement of surplus fruits and vegetables from farmers and conversion of the same to value added products.

22. Post Harvest Marketing:

Objective: Creation of post harvest marketing infrastructures.

Pattern of Assistance: Creation of Infrastructural facilities for post harvest marketing like Phytosanitary Laboratory, Grading Units etc.

B. CENTRAL SECTOR SCHEME: Technology Mission for Integrated Development of Horticulture in North Eastern Region.

Mini Mission II

- **Area Expansion of Crops** – Orange, Pineapple, Banana, Peach, Plum, Pear, Vegetables, Cashewnut, Turmeric, Ginger, Chillies, Anthurium, Rose, Bird of Paradise, Liliams.
- **On Farm Water Management** – *Creation of Water Sources like Community Tanks, Tube Wells, Hydrams, Drip Irrigation, Green House, Low Cost Tunnel, Shade Nets etc.*
- **Transfer of Technology** – *Training of Farmers*
- Organic Farming – *Vermi compost Units*
- **Agricultural Equipments** – *Diesel Engine, Power Tiller, Electric Motor*
- **Women Self Help Groups** – *Seed Money for Women SHG @ Rs.5000/- per group*

Mini Mission III

Development and Strengthening of Marketing Infrastructure and Rural Primary Markets which is implemented by Meghalaya State Agricultural Marketing Board.

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Outline of Strategy during the 11th Five Year Plan (2007-2012)

During the 11th Five Year Plan, crop specific and location specific clusters will be promoted as a development approach.

In foodgrain production, the department will make concerted efforts, through incremental increases in each year of the Eleventh Plan of area coverage through high yielding varieties, irrigation, mechanization and double cropping, to increase the overall production from the current level of 2.9 million metric tones to 3.8 million metric tones by the end of the Eleventh Plan. In the year 2008-09. Consequently, the gross cropped area will be increased by 10,000 hectares over current levels and the area under high yielding varieties will be increased by 8,000 hectares.

The Department will give special emphasis on Horticulture, in an effort to realize the goal of making Meghalaya the “Fruit and Flower State” of the North East. On the one hand, the productivity of traditional horticultural crops such as turmeric, ginger and pineapple will be sought to be increased and processing and marketing opportunities provided. On the other hand, significant area expansion will be carried out of coloured capsicum, strawberry, rose, anthurium, arecanut and cashew. The area under indigenous fruits will also be expanded. This area expansion and increase in production will necessarily result in consequential increase in post harvest management and processing capabilities.

Five new ‘Horti-Hubs’ will be established during the current year, on the pattern of Williamnagar (East Garo Hills) and Umsning (Ri-Bhoi), in each of the presently uncovered Districts of South Garo Hills, West Garo Hills, Jaintia Hills, West Khasi Hills and East Khasi Hills. Production targets for 2008-09 include 2.89 lakh tonnes of fruit crops, 1.53 lakh tones of vegetables and 2.25 lakh tonnes of tuber crops against 2.34 lakh tonnes, 1.45 lakh tones and 20 lakh tonnes respectively during the current year. The likely coverage of 44.60 hectares under floriculture during the current year is proposed to be expanded to 45 hectares in 2008-09.

An area of 2355 hectares is proposed to be covered under minor irrigation during 2008-09. Harvesting of rain water and exploration of the ground water potential are also proposed to be taken up. In order to ensure better operation and maintenance of the existing projects by the farmers, steps will be taken to introduce the system of Participatory Irrigation Management in the State.



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