



# A FARMER FRIENDLY HANDBOOK...

... FOR GOVERNMENT OF INDIA  
SCHEMES & PROGRAMMES IN 2014

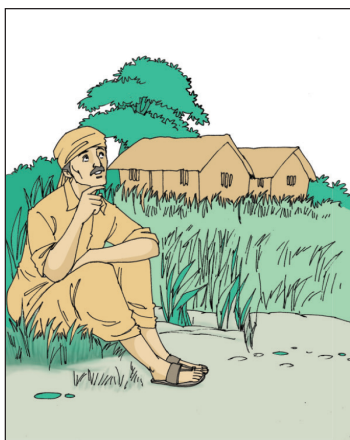


## Why this Handbook?

The Department of Agriculture & Cooperation, Government of India, has been implementing various schemes and programmes for the benefit of farmers through State Governments. The Guidelines of each of these schemes and circulars/instructions issued thereunder provide relevant details on the type and extent of benefits for different components promoted under these schemes. Guidelines and other details of various programmes and schemes have been made available at <http://agricoop.nic.in/guidelines.html> and <http://agricoop.nic.in/programmescheme.html>. A searchable database of schemes and programmes based on theme, scheme and pattern of assistance can be seen at <http://agricoop.nic.in/schemesinfo.html>.

In some cases, different schemes provide similar benefit for the same component of agricultural operation. For instance, farmers in different districts of a State could avail subsidy for seeds for the same crop under National Food Security Mission, NMOOP etc. To demystify the subsidy administration and to make it simpler for extension workers & farmers to understand the admissibility criteria and financial norms for subsidies under different schemes, this Handbook has been conceived by arranging information component-wise rather than in terms of schemes/programmes.

The Handbook has been prepared by categorizing various activities in 11 different themes viz. Soil Health, Soil Conservation & Fertilizers, Seeds, Irrigation, Training & Extension for Farmers, Mechanization & Technology, Agricultural Credit, Agricultural Insurance, Plant Protection, Horticulture, Agricultural Marketing and Integrated Farming. Besides this, broad suggestions on practical aspects of each of these themes have also been included. Each theme thus gets divided into three aspects viz. 'What to do?', 'What can you get?' and 'Whom to contact?'



What to do?



What can you get?



Whom to contact?



The Government of India schemes are broadly of two types from the point of view of extent implementation.

**For Entire Country:** Such schemes include Rashtriya Krishi Vikas Yojana (subject to qualifying criteria for the States), National e-Governance Plan-Agriculture, National Mission on Agricultural Extension & Technology etc. Under such nation-wide schemes, the State Governments select farmers as per the Operational Guidelines within the allocated funds and disburse financial assistance to such selected beneficiaries.

**For Specific Areas/Crops/Districts:** All other schemes fall in this category. These include National Food Security Mission, Mission for Integrated Development of Horticulture (MIDH), National Mission on Oilseeds and Oil Palm (NMOOP), Cotton Technology Mission, Jute and Mesta Technology and Bringing Green Revolution to Eastern India (BGREI). In order to check whether a particular scheme is applicable in your District, please visit <http://dacnet.nic.in/schemes.aspx>. The beneficiaries under these schemes also are selected as per norms and based on availability of budget.

The Farmer Friendly Handbook lists out only the components of assistance provided by the Government of India as per the Schemes applicable in the XII Plan period. There are quite a few States which provide financial assistance over and above the norms of Government of India depending on the priorities in any agro climatic condition and the level of agricultural development in any region. Quite a few States had earlier brought out similar booklets specific to their States. The Department of Agriculture & Cooperation (DAC) will provide financial assistance under ATMA Cafeteria for publication of latest version in vernacular languages (with some copies in English) for each State after including the State component of such assistance, so that the farmers can come to know the total quantum of assistance available to them under each theme/component. Till then, the farmers could approach the nearest office of Agriculture/Horticulture Department in the State to know about such additional assistance (if any) provided by the respective State Governments.



# 1. Soil Health, Soil Conservation and Fertilizers



## What to Do?

- Always use appropriate fertilizer in right quantity based on soil test.
- Must use organic manures to maintain the fertility of soil.
- In order to get maximum benefit of the fertilizers, always apply in root zone instead of broadcasting.
- Resort to judicious and efficient use of Phosphatic Fertilizers for proper development of roots/shoots and timely maturity of crops, particularly the legumes which fix atmospheric Nitrogen for enrichment of soil.
- For reclaiming acidic soil, use lime and for saline/usar soil, use gypsum.
- Farmers desirous of adopting Participatory Organic Guarantee System (PGS – India) Certification system may form a group of at least 5 farmers and get it registered with the nearest Regional Council or Regional Centre of Organic Farming.

## What Can You Get?

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit	Scheme / Component
<b>Assistance for Soil Improvement</b>			
1.	Supply of gypsum/pyrite/lime/dolomite	50% cost of the material + transportation limited to ₹ 750/- per hectare.	National Mission on Oilseeds and Oil Palm (NMOOP)
2.	Plant protection chemicals	Insecticides, fungicides, bio-pesticides, bio-agents, micronutrients, bio-fertilisers etc., @ 50% of the cost limited to ₹ 500/- per hectare.	NMOOP
3.	Adoption of organic farming	₹ 10,000/- per hectare	National Horticulture Mission (NHM)/ Horticulture Mission for North-East and Himalayan States (HMNEH) Sub schemes under Mission for Integrated Development of Horticulture (MIDH)
4.	Vermi-Compost Unit	₹ 50,000/- per unit (having dimension of 30' x 8' x 2.5' or 600 cft, on prorata basis)	NHM/HMNEH Sub schemes under MIDH
5.	High Density Poly Ethylene (HDPE) Vermi Bed	₹ 8000/- per unit (having dimension of 12' x 4' x 2' or 96 cu ft, on prorata basis)	NHM/HMNEH Sub schemes under MIDH
6.	Promotion of Integrated Nutrient Management	₹ 1200 /- per hectare (upto an area of 4 hectares)	NHM/HMNEH Sub schemes under MIDH
7.	Supply of gypsum phosphogypsum / bentonite sulphur in wheat & pulses	50% of the cost limited to ₹ 750/- per hectare	National Food Security Mission (NFSM)
8.	Micronutrients in wheat, pulses and rice	50% of the cost limited to ₹ 500/- per hectare	NFSM



S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit	Scheme / Component
9.	Lime/liming materials in rice and pulses	50% of the cost of the material limited to ₹ 1000/ha.	NFSM
10.	Bio-fertilizers (Rhyzobium /PSB)	50% of the cost limited to ₹ 100/- per ha.	NFSM
11.	Setting up of new Mobile/Static Soil Testing Laboratories (MSTL/ SSSL) Training	75% Assistance of total project cost to State Govt. for SSSL subject to a maximum limit of ₹ 56 lakhs per SSSL/MSTL.	National Mission for Sustainable Agriculture (NMSA)
12.	Promotion and distribution of micronutrients	50% of cost subject to a limit of ₹ 500/- per ha. and / or ₹ 1000/- per beneficiary.	NMSA
13.	Setting up of state-of-the-art liquid/carrier based Biofertilizer / Biopesticide units	25% of cost limited to ₹ 40 lakhs per unit for individuals/private agencies through NABARD as capital investment of 200 TPA production capacity	NMSA
14.	Setting up of mechanized Fruit/Vegetable market waste/Agro waste compost production unit	33% of cost limited to ₹ 63 lakhs/unit for individuals/private agencies through NABARD as capital investment for 3000 TPA production capacity	NMSA
15.	Promotion of Organic Inputs on farmer's field (Manure, Vermicompost, Bio-Fertilizers, Liquid/Solid Waste compost, Herbal extracts etc.)	50% of cost subject to a limit of ₹ 5000/- per ha and ₹ 10,000/- per beneficiary. Proposed to cover 1 million ha area.	NMSA
16.	Adoption of organic farming through cluster approach under Participatory Guarantee System (PGS) certification	₹ 20,000/- per ha subject to a maximum of ₹ 40,000/- per beneficiary for 3-year term	NMSA
17.	Support to PGS system for on-line data management and residue analysis	₹ 200/- per farmer subject to a maximum of ₹ 5000/- per group/year restricted to ₹ 1.00 lakh per Regional Council. Upto ₹ 10,000/- per sample for residue testing (Residue analysis to be done in NABL Labs)	NMSA
18.	Organic Village adoption for manure management and biological nitrogen harvesting	₹ 10 lakhs/village for adoption of integrated manure management, planting of fertilizer trees on bunds and promotion of legume intercropping through groups/SHGs etc. (Maximum 10 villages per annum/state will be supported)	NMSA
19.	Demonstration on Organic Farming	₹ 20,000/- per demonstration for a group of 50 participants or more	NMSA
20.	Reclamation of Problem Soil	<b>Alkaline / Saline Soil</b> 50% of cost to a limit of ₹ 25,000/- per ha. and or ₹ 50,000/- per beneficiary. <b>Acidic Soil</b> 50% of cost subject to a limit of ₹ 3000/- per ha. and / or ₹ 6000/- per beneficiaries.	NMSA

## Whom to Contact ?

District Agriculture Officer / District Horticulture Officer / Project Director, ATMA.

## 2. Seeds



### What to Do?

- Always use recommended variety of seeds as per local climate and adopt recommended seed rate and other package of practices.
- Replace seeds of wheat, paddy, barley, pulses (except arhar), oilseeds (except rapeseed, mustard and sunflower) once in three years, seeds of maize, bajra, jowar, arhar, rapeseed, mustard and sunflower once in two years and hybrid/Bt seeds every year.
- Always procure certified seeds from authorized agencies and store the seeds in a cool, dry and clean place.
- Always use treated seeds for sowing and test for quality parameters like purity, germination, free from weed seed etc., before sowing.

### What Can You Get?

S. No.	Crop	Assistance on Distribution of Certified Seeds	Scheme / Component
<b>A: Assistance for Seed Distribution</b>			
1.	(i) HYV seeds of Paddy and Wheat (ii) Hybrid Paddy seeds	(i) ₹ 10/- per kg or 50% of the cost whichever is less (ii) ₹ 50/- per kg or 50% of the cost whichever is less	National Food Security Mission (NFSM)
2.	Coarse cereals (i) Hybrid seeds (ii) HYV seeds	₹ 50/- per kg or 50% of cost whichever is less ₹ 15/- per kg or 50% of cost whichever is less	NFSM
3.	Pulses (arhar, moong, urad, lentil, field pea, gram, rajma and moth)	HYV seeds Rs.25 per kg or 50% of the cost whichever is less	NFSM
4.	Oilseeds (groundnut, sunflower, toria, safflower, mustard, rapeseed, til and castor)	50% of the cost or ₹ 12/- per kg whichever is less for varieties/composites of oil seeds which are not older than 10 years. Hybrids: 50% of the cost with a ceiling of ₹ 25/- per kg of hybrids, which are not older than 10 years.	NMOOP
5.	Oil palm sprouts	85% of the cost of planting material limited to ₹ 8000/- per ha for the entire land holding of the farmer.	NMOOP
6.	For all crops, distribution of foundation/certified seeds for production of quality seeds to improve the quality of farm-saved seeds	50% of the cost of seeds of cereals, 60% of the cost of seeds of oilseeds, pulses, fodder, green manure crops etc. required for a one-acre area per farmer.	National Mission on Agricultural Extension and Technology (NMAET), Sub- Mission on Seed and Planting Material (SMSP) and Seed Village Programme.



S. No.	Crop	Assistance on Distribution of Certified Seeds	Scheme / Component
7.	Distribution of foundation/ certified seeds of oilseeds, pulses, fodder, green manure crops etc., for farmers, SHGs, FPOs etc. (GOI Share 75% and State share 25%)	75% cost of seeds of oilseeds, pulses, fodder, green manure crops etc.	NMAET, Sub Mission on Seeds and Planting Material under certified production of oilseeds, pulses, fodder and green manure crops through Seed Village Programme.
8.	Cultivation cost as assistance for gestation period for oil palm	50% of cost during gestation period for three years with a ceiling of ₹ 14,000/- per hectare	NMOOP
9.	Jute and Mesta Seed Village Programme	₹ 5500/- per quintal of certified seed produced	NFSM Commercial Crops (Jute)
10.	Purchase of breeder seeds of oilseeds from ICAR and SAUs	Full cost of breeder seeds as fixed by Seed Division of DAC	NMOOP
<b>B: Assistance for Production of Foundation and Certified Seeds</b>			
11.	Purchase of breeder seeds of Pulses from ICAR/SAUs	Full cost of breeder seeds as fixed by Seeds Division.	NFSM
12.	Assistance for boosting seed production in private sector including individual/ entrepreneurs, self help groups etc.	Credit-linked back-ended capital subsidy at the rate of 40% of project cost in general areas and 50% in case of hill areas and scheduled areas subject to upper limit of ₹ 150 lakhs per project	NMAET, Sub Mission on Seeds and Planting Material (SMSP) under Assistance for Boosting of Seed Production in Private Sector.
<b>C: For all Oilseeds Crops</b>			
13.	Assistance for production of Foundation Seeds	₹ 1000/- per quintal for all varieties/hybrids released during the last 10 years and an additional assistance of ₹ 100/- per quintal on the varieties/hybrids released in the last 5 years. 75% of subsidy amount is meant for farmers and 25% for seed producing agencies for meeting expenditure towards certification and production etc. (SDAs/NSC/SFCI/NAFED/KRIBHCO/IFFCO/HIL/IFFDC/ Central Multi State Cooperatives such as NCCF.)	NMOOP
14.	Production of Certified Seeds	- do -	NMOOP
15.	Seed Infrastructure Development	The support for continuation of already approved seed infrastructure projects to States/Agencies under ISOPOM during eleventh plan period will continue. Allocation would be restricted to maximum of 1% of total outlay under the Mini Mission-I on Oilseeds of NMOOP for the entire implementation period during the Twelfth Plan on 100% basis.	NMOOP
16.	Variety Specific Targeted Seed Production (VSTSP)	75% cost of seed production to NSC/SFCI/selected SSCs/ State Government Agencies/ICAR/SAUs and its KVKs, farms, international institutions etc., in project mode, subject to requirement of foundation/certified seed and availability of breeder foundation seeds Eligibility: Varieties/hybrids not older than 5 years.	NMOOP

### Whom to Contact ?

District Agriculture Officer/District Seed Certification Officer/State Seed Corporation/Project Director, ATMA.

### 3. Irrigation



#### What to Do?

- Conserve soil and water through Good Agricultural Practices.
- Harvest rain water through construction of check dams and ponds.
- Adopt crop diversification, seed production and nursery raising in water logged areas.
- Adopt drip and sprinkler irrigation system to save 30-37% water and enhance crop quality and productivity.

#### What Can You Get?

S. No.	Type of Assistance	Quantum of Assistance	Scheme
1.	Water Carrying Pipes	₹ 25/- per meter or 50% of the cost, whichever is less, with maximum limit of 600 meters and costing ₹ 15,000/-	NFSM
2.	Drip Irrigation System for Oil Palm	As per the specification of National Mission for Sustainable Agriculture (NMSA)	NMOOP
3.	Plastic/RCC based water harvesting structure/ farm pond/construction of community tank (100 meter x 100 meter x 3 meter) For smaller size ponds/tanks, cost will be admissible on pro rata basis, depending upon command area	₹ 20 lakhs per unit in plains; and ₹ 25 lakhs per unit in hilly areas with 500 micron plastic lining/ RCC lining, for 10-hectare command area	NHM/HMNEH Sub schemes under MIDH
4.	Water Storage in Farm Pond/ Dug well (Measuring 20 meter x 20 meter x 3 meter) by individual. For smaller size ponds/dug wells, cost will be admissible on pro rata basis	₹ 1.50 lakhs per beneficiary for plains & ₹ 1.80 lakhs / beneficiary for hilly areas with 300 micron plastic lining/RCC lining, for 2-hectare command area.	NHM/HMNEH Sub schemes under MIDH
5.	Sprinkler Set for pulses and wheat	₹ 10,000/- per hectare or 50% of the cost whichever is less.	National Food Security Mission (NFSM)
6.	(a) Construction of new Farm Ponds with lining to reduce the percolation losses (b) Water Harvesting Structures/ponds	₹ 40,000/- per pond of 20m x 20m x 3m for construction and ₹ 40,000/- for lining purpose 50% of the cost limited to ₹ 75,000/- for plains and ₹ 90,000/- for hilly areas including lining	NMOOP
7.	Supply of Diesel Pump-sets for oil Palm Growers	50% of the cost limited to ₹ 15,000/- per pump set up to 10 HP as per norms of Sub Mission on Agricultural Mechanization (SMAM)	NMOOP



S. No.	Type of Assistance	Quantum of Assistance	Scheme
8.	Bore Well under BGREI	100% assistance limited to ₹ 30,000/- per unit	Bringing Green Revolution to Eastern India (BGREI)
	Bore Well for Oil Palm growers	50% of the cost limited to ₹ 25,000/- per unit	NMOOP
9.	Shallow Tube Wells	100% assistance limited to ₹ 12,000/-	BGREI
10.	Pump Set up to 10 HP	₹ 10,000/- per pump set or 50% of the cost whichever is less.	NFSM

### Water Management under National Mission for Sustainable Agriculture (NMSA)

#### 1. Water Harvesting and Management

1.1a	Water Harvesting System for individuals	50% of cost (Construction cost ₹ 125/- for plain / ₹ 150/- per cu m for hilly areas) limited to ₹ 75,000/-, for plain areas and ₹ 90,000/- for hilly areas including lining. For smaller size of the ponds/dug wells, cost admissible on pro rata basis. Cost for non-lined ponds/tanks will be 30% less.	NMSA
1.1b	Lining of Tanks/ Ponds constructed under MNREGA/WSDP etc.	50% cost of plastic/RCC lining limited to ₹ 25,000/- per pond/tank/well.	-do-
1.2	Water Harvesting System for communities: Construction of Community tanks / on-farm ponds/check dams/reservoirs with use of plastic/RCC lining on public land.	100% of the cost limited to ₹ 20 lakhs/unit in plain areas, ₹ 25 lakhs/unit in hilly areas, for 10 ha of command area or any other smaller size on pro rata basis depending upon the command areas. Cost for non-lined ponds/tanks will be 30% less.	-do-
1.3	Construction of Tube Wells / Bore Wells (Shallow/Medium)	50% of the total cost of installation limited to ₹ 25,000/- per unit.	-do-
1.4	Restoration/Renovation of small tanks	50% of the cost of renovation limited to ₹ 15,000/- per unit	-do-
1.5	Pipe/pre-cast Distribution System	50% of the cost of system limited to ₹ 10,000/- per ha with assistance up to a maximum of 4 ha per beneficiary or group.	-do-
1.6	Water lifting Devices (Electric, Diesel, Wind/ Solar)	50% of the cost of installation limited to ₹ 15,000/- per electric/diesel unit and ₹ 50,000/- per solar/wind unit.	-do-

S. No.	Type of Assistance	Quantum of Assistance	Scheme
<b>2. Drip Irrigation</b>			
		25-35% of the total cost of installation in non-DPAP/DDP/NE&H regions and 35-50% in DPAP/DDP/NE&H regions. Additional 10% assistance to be provided by State Govt. (DPAP-Drought Prone Area Programme, DDP-Desert Development Programme, NE&H states – North Eastern and Himalayan States) Upper limit of assistance will be restricted to the amount as per the eligible pattern of assistance of the normative cost of installation. Normative cost of installation for wide spaced crops ₹ 37,200/ha (average) and for close spaced crops ₹ 90,000/ha (average). However, the cost will vary depending on crop spacing & land size. Maximum permissible assistance will be restricted to 5 ha per beneficiary/group.	-do-
<b>3. Sprinkler Irrigation</b>			
		The total cost of installation as well as additional assistance by State Government are same as for Drip Irrigation. Upper limit of assistance will be restricted to the amount as per the eligible pattern of assistance of the normative cost of installation Normative Cost of installation is ₹ 58,900/- ha for Micro Sprinkler, ₹ 85,200/- ha for Mini Sprinkler, ₹ 19,600/- ha for portable sprinkler, ₹ 36,600/- per ha. For semi-permanent irrigation system and ₹ 31,600/- ha for Large Volume Sprinkler Irrigation System (Rain gun). Maximum permissible assistance will be restricted to 5 ha per beneficiary/group.	-do-

### Whom to Contact ?

District Agriculture Officer / District Soil Conservation Officer / Project Director, ATMA.



## 4. Training and Extension for Farmers



### What to Do?

- 25,000 functionaries dedicated for agricultural extension are being provided at the Block level and below, under the Extension Reforms scheme being implemented through ATMA. Contact them or any other functionary of the State Government in Agriculture and allied departments to get answers for your queries, information about any Programme / Scheme and appropriate technologies for the area or individual farmer.
- Set up or participate in Farm School or Demonstration Plot.
- Get exact information from the web and get your farm registered through hand-held device.
- Tune in to agriculture related programmes on Doordarshan (18 Regional, 1 National, 180 Low Power transmitters), FM Radio Stations (96) or even some private channels to get latest knowledge and information.

- Contact the nearest Kisan Call Centre (KCC) on toll free number 1800-180-1551 for answers to your specific queries through the KCC agents or through senior experts from 6 AM to 10 PM on all 365 days in a year.
- Students with agriculture qualification can get 2 months training free of cost and can establish Agri-Clinic/Agri-Business Centre with the help of bank loan along with 36% Composite Subsidy (44% in case of SC/ST/ North East and Hill Regions/Women).
- Participate in exposure visits and trainings for progressive farmers.
- Get selected information & services from the web through interactive SMS (USSD) without internet on your mobile.
- Access Farmers' Portal directly or through an Internet Kiosk/a Common Service Centre to get location specific information (including package of practices, list of dealers, crop advisories etc.). Get advisories & services from SMS Portal for Farmers by getting registered through Kisan Call Centre or Common Service Centre or Pull SMS (KISAAN REG <Your Name>, <first four characters of State>, <first four characters of District>, <first four characters of block>) at 51969 or 9212357123

### What Can You Get?

S. No.	Type of Assistance	Pattern of Assistance for the Activity	Scheme / Component
<b>A: Assistance for Training of Farmers</b>			
1.	Training of groups of 50-150 farmers on seed production and seed technology	₹ 15,000/- per group	Seed Village Programme (NMAET)
2.	Training of Farmers in recognized institutes (stipend, boarding, lodging and to & fro transportation cost would be provided to farmers).	₹ 5200/- per farmer per month	Post Harvest Technology Management
3.	Farmers' training	₹ 24,000/- per training for 2 days for 30 farmers per batch (@ ₹ 400/- per farmer per day).	NMOOP
4.	Training on plant protection measures to groups of 40 farmers	i) ₹ 29,200/- per Farmer Field School of NGOs/ Private Bodies ii) ₹ 26,700/- in case of state govt. organisations.	Plant Protection Scheme

S. No.	Type of Assistance	Pattern of Assistance for the Activity	Scheme / Component
5.	Training on Repair, Maintenance, Operation and selection of various Agricultural Machinery & Equipments and Post Harvest Management	₹ 4000/- per person	Sub-Mission on Agricultural Mechanisation (SMAM)
6.	2 days training of farmers on Vegetable Production and Related Areas	₹ 1500/- per training / farmer excluding transport	Vegetable Initiative for Urban Clusters (VIUC)
7.	Promotion of Farmers' Associations/ Groups of 15-20 farmers and tie up with Financial Institutions and Aggregators	₹ 4075/- per farmer in three installments spread over 3 years	VIUC
8.	Organization of awareness programme for the farmers on the Gramin Bhandaran Yojana by National Institute of Agricultural Marketing (NIAM), Jaipur (for 3 days duration)	₹ 30,000/- programme	Gramin Bhandaran Yojana
9.	Training of farmers outside the state upto 50 man-days / Block	₹ 1250/- per farmer per day which includes transportation, boarding and lodging of farmers	ATMA Scheme (NMAET), Sub schemes NHM/ HMNEH under MIDH
10.	Training of farmers within the State (100 man-days / block)	₹ 1000/- per farmer per day which includes transportation, boarding and lodging of farmers	ATMA Scheme (NMAET)
11.	Training of farmers within the district (1000 man-days per Block)	₹ 400/- per farmer per day which includes transportation, boarding and lodging of farmers for residential training; otherwise, ₹ 250/- per farmer per day if training is not residential	ATMA Scheme (NMAET), Sub schemes NHM/ HMNEH under MIDH
12.	Organization of demonstrations (125 demonstrations per Block)	Upto ₹ 4000/- per demonstration plot (0.4 hectares)	ATMA Scheme (NMAET)
13.	Farm School (Training to 25 farmers per season at six critical stages of crop).	₹ 29,514/- per Farm School	ATMA Scheme (NMAET)
14.	Exposure Visit of farmers outside the state for 7 days (5 farmers per Block)	₹ 800/- per farmer per day which includes transportation, boarding and lodging of farmers	ATMA Scheme (NMAET)
15.	Exposure visit of farmers within the State for 5 days (25 farmers per Block)	₹ 400/- per farmer per day which includes transportation, boarding and lodging of farmers	ATMA Scheme (NMAET), Sub schemes NHM/ HMNEH under MIDH
16.	Exposure Visit of farmers within the District not exceeding 3 days (100 farmers per Block)	₹ 300/- farmer/ day which includes transportation, boarding and lodging of farmers	ATMA Scheme (NMAET)
17.	a) Capacity building, skill development of farmers' groups and for other support services (for 20 groups per block)	₹ 5000/- per group	ATMA Scheme (NMAET)
	b) Seed Money to these groups as one-time grant for taking up income generating activity	₹ 10,000/- per group	
	c) Food Security Groups (2 groups/block)	₹ 10,000/- per group	

S. No.	Type of Assistance	Pattern of Assistance for the Activity	Scheme / Component
18.	Front Line Demonstrations (FLD) in selected villages by Soil Testing Laboratories  Front Line Demonstration (FLD)	₹ 20,000/- per demonstration  100% of assistance to ICAR and ICRISAT with a ceiling of ₹ 8,500/- per ha for groundnut, ₹ 6,000/- per ha for soyabean, rapeseed, mustard, sunflower, ₹ 5,000/-per ha for sesame, safflower, niger, linseed and castor and ₹ 12,500/-per ha for FLD on polythene mulch technology in Groundnut by ICAR. Maximum of one demonstration will be allowed to one farmer for an area of one hectare under each crop. Size of the FLD plot will be one hectare but not less than 0.4 hectare.	National Project on Management of Soil Health & Fertility  NMOOP
19.	Field level Demonstration on production technologies/inter cropping	₹ 8000/- per ha (₹ 7000/- for inputs and ₹ 1000/- for contingency)	NFSM
20.	Field level Demonstration on alternative retting technologies	₹ 20,000/- per demonstration (₹ 17,000/- for inputs and ₹ 3000/- for contingency)	NFSM: Commercial Crop Jute
21.	FLD on production technologies / intercropping	₹ 8000/- per ha. (₹ 7000/- for inputs and ₹ 1000/- for contingency)	NFSM: Commercial Crop Jute
22.	Front Line Demonstration on ICM (Integrated Crop Management)	₹ 7000/- per ha. (₹ 6000/- for inputs and ₹ 1000/- for contingency)	NFSM: Commercial Crop Cotton
23.	Front Line Demonstration on Desi and ELs cotton and ELs cotton seed production	₹ 8000 per hectare (₹ 7000/- for inputs and ₹ 1000 for contingency)	NFSM: Commercial Crop Cotton
24.	Front line Demonstration on intercropping (0.4 ha size)	₹ 7000/- per hectare (₹ 6000/- for inputs and ₹ 1000/- for contingency)	NFSM: Commercial Crop Cotton
25.	Trials on High Density Planting System	₹ 9000/- per ha (₹ 8000/- for inputs and ₹ 1000/- for contingency)	NFSM: Commercial Crop Cotton
26.	Demonstration on intercropping and single bud chip technology with sugarcane	₹ 8000/- per ha. (₹ 7000/- for inputs and ₹ 1000/- for contingency)	NFSM : Commercial Crop Sugarcane
27.	Cluster demonstration by States in collaboration with ICAR, SAUs and IRRI	₹ 7500/- per ha for rice (including SRI hybrid rice technology/Direct Seeded Rice/Line Transplanting), wheat and pulses. ₹ 5000/- per ha. for coarse cereals and ₹ 12,500/- per ha. for cropping system based demonstration.	NFSM
28.	Cropping System Based Training	₹ 14,000/-per training consisting of 4 sessions of ₹ 3500/- each session	NFSM



S. No.	Type of Assistance	Pattern of Assistance for the Activity	Scheme / Component
29.	Training on selection, operation and maintenance of tractors and other agricultural machines	Stipend of ₹ 1200/- per farmer along with to and fro charges in ordinary class and also free lodging for user level course for the duration of one week to six weeks	Promotion and Strengthening of Agricultural Machines through Training, Testing and Demonstration
<b>B: Training and Extension for Farmers under National Mission for Sustainable Agriculture (NMSA)</b>			
30.	Training to farmers including field demonstrations; Capacity building of stakeholders/farmers through field visits on concept of Integrated Farming, Climate change adaptation, Good Agriculture Practices on soil, water and crop management.	₹ 10,000/- per training session for 20 participants or more. ₹ 20,000/- per demonstration for a group of 50 participants or more.	NMSA
31.	Training programme for On-Farm Water Management/Micro Irrigation	₹ 50,000/- per training programme for 30 participants for a duration of at least 2-3 days	NMSA
32.	Training and Demonstration on Soil Health	Training to farmers including field demonstrations; ₹ 10,000/-per training session for 20 participants or more. ₹ 20,000/- per Front Line Field Demonstration	NMSA
33.	Assistance for training on seed production and seed technology for a group of 50 to 150 farmers.	₹ 15,000/- per training (for 3 one-day training programmes): (i) At the time of sowing of seed crop: training on seed production technique, isolation distance, sowing practices and other agronomic practices. (ii) At the time of flower initiation stage of the crop. (iii) After harvest and at the time of seed processing	Certified seed production of oilseeds, pulses, fodder and green manure crops through Seed Village Programme

## Whom to Contact ?

District Agriculture Officer / District Horticulture Officer / Project Director, ATMA.

## 5. Mechanization and Technology

### What to Do?

- Procure appropriate machinery/ equipment as per land holding size and crop
- Machinery & equipment can be used by Custom Hiring/ sharing by groups of farmers.
- Conserve Resources - Use Zero-till Seed Drill, Laser Leveler, Happy Seed Drill Rotavator, etc.
- Training is provided on proper use of Farm Machinery and its routine maintenance and servicing through Farm Machinery Training & Testing Institutes (FMTTIs), KVKs & State Agricultural Universities.



### What Can You Get?

#### A: Cost Norms and Pattern of Assistance under Sub - Mission on Agricultural Mechanization (SMAM)

#### Financial Assistance for Procurement of Agricultural Machinery and Equipment

Type of Agricultural Machinery *, \$	For SC, ST, Small & Marginal Farmers, Women and NE States' Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance
<b>Tractors</b>				
(i) Tractors (08 to 20 PTO HP)	₹ 1.00 lakh	35%	₹ 0.75 lakh	25%
(ii) Tractors (Above 20 to 70 PTO HP)	₹ 1.25 lakh	35%	₹ 1.00 lakh	25%
<b>Power Tillers</b>				
(i) Power Tiller (below 8 BHP)	₹ 0.50 lakh	50%	₹ 0.40 lakh.	40%
(ii) Power Tiller (8 BHP & above)	₹ 0.75 lakh	50%	₹ 0.60 lakh.	40%
<b>Rice Transplanter</b>				
Self Propelled Rice Transplanter (4 rows)	₹ 0.94 lakh	50%	₹ 0.75 lakh	40%
Self Propelled Rice Transplanter (i) above 4-8 rows (ii) above 8-16 rows	₹ 2.0 lakh	40%	₹ 2.0 lakh	40%
<b>Self Propelled Machinery</b>				
Self Propelled Machinery (i) Reaper-cum-Binder	₹ 1.25 lakh	50%	₹ 1.00 lakh	40%

Type of Agricultural Machinery *, \$	For SC, ST, Small & Marginal Farmers, Women and NE States' Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance
<b>Specialized Self Propelled Machinery</b>				
(i) Reaper (ii) Post Hole Digger/Augur (iii) Pneumatic/ other Planter	₹ 0.63 lakh	50%	₹ 0.50 lakh	40%
<b>Self Propelled Horticultural Machinery</b>				
(i) Fruit Pluckers (ii) Tree Pruners (iii) Fruit Harvesters (iv) Fruit Graders (v) Track Trolley (vi) Nursery Media Filling Machine (vii) Multipurpose Hydraulic System (viii) Power operated horticulture tools for pruning, budding, grating, shearing etc.	₹ 1.25 lakh	50%	₹ 1.00 lakh	40%

#### Financial Assistance for Procurement of Agricultural Machinery and Equipment

Types of Agricultural Equipment	For SC,ST, Small & Marginal Farmers, Women and NE States' Beneficiaries	For other Beneficiaries
	Maximum Permissible subsidy per Machine/Equipment	Maximum Permissible subsidy per Machine/Equipment
<b>Tractor/Power Tiller driven equipments.* , #</b>		
<b>A. Land development, tillage and seed bed preparation equipments:</b>		
(i) MB Plough	i) Below 20 BHP driven ₹ 15,000/-	i) Below 20 BHP driven ₹ 12,000/-
(ii) Disc Plough	ii) Above 20 BHP driven ₹ 19,000/-	ii) Above 20 BHP driven ₹ 15,000/-
(iii) Cultivator		
(iv) Harrow		
(v) Leveler Blade		
(vi) Cage Wheel		
(vii) Furrow Opener		
(viii) Ridger		
(ix) Weed Slasher		
(x) Laser Land Leveler		
(xi) Reversible Mechanical plough		
(xii) Rotavator	i) Below 20 BHP driven ₹ 35,000/-	i) Below 20 BHP driven ₹ 28,000/-
(xiii) Rotopuddler	ii) Above 20 BHP driven ₹ 44,000/-	ii) Above 20 BHP driven ₹ 35,000/-
(xiv) Reversible Hydraulic plow		
(xv) Chisel Plow	i) Below 20 BHP driven ₹ 8000/- ii) Above 20 BHP driven ₹ 10,000/-	i) Below 20 BHP driven ₹ 6000/- ii) Above 20 BHP driven ₹ 8000/-



Types of Agricultural Equipment	For SC,ST, Small & Marginal Farmers, Women and NE States' Beneficiaries	For other Beneficiaries
	Maximum Permissible subsidy per Machine/Equipment	Maximum Permissible subsidy per Machine/Equipment
<b>Tractor / Power Tiller Driven Equipments *, #</b>		
<b>B. Sowing, Planting, Reaping and Digging Equipments:</b>	i) Below 20 BHP driven ₹ 15,000/- ii) 20 to 35 BHP driven ₹ 19,000/-	i) Below 20 BHP driven ₹ 12,000/- ii) 20 to 35 BHP driven ₹ 15,000/-
(i) Post Hole Digger (ii) Potato Planter (iii) Potato Digger (iv) Ground nut Digger (v) Strip Till Drill (vi) Tractor Drawn Reaper (vii) Onion Harvester (viii) Rice Straw Chopper, (ix) Zero till Seed cum Fertilizer Drill (x) Raised Bed Planter (xi) Sugar Cane Cutter/Stripper (xii) Planter (xiii) Seed Drill (xiv) Multi Crop Planter (xv) Zero –till Multi Crop Planter (xvi) Ridge Furrow Planter		
(i) Turbo Seeder (ii) Pneumatic Planter (iii) Pneumatic Vegetable Transplanter (iv) Pneumatic Vegetable Seeder (v) Happy Seeder (vi) Plastic Mulch Laying Machine	i) Below 20 BHP driven ₹ 35,000/- ii) 20 to 35 BHP driven ₹ 44,000/-	i) Below 20 BHP driven ₹ 28,000/- ii) 20 to 35 BHP driven ₹ 35,000/-
<b>C. Inter Cultivation Equipments *, #</b>	i) Below 20 BHP driven ₹ 15,000/- ii) 20 to 35 BHP driven ₹ 19,000/-	i) Below 20 BHP driven ₹ 12,000/- ii) 20 to 35 BHP driven ₹ 15,000/-
(i) Grass Weed Slasher (ii) Rice Straw Chopper (iii) Power Weeder (engine operated below 2 bhp)		
<b>D. Equipments for Residue management/Hay and Forage*, #</b>	i) Below 20 BHP driven ₹ 15,000/- ii) 20 to 35 BHP driven ₹ 19,000/-	i) Below 20 BHP driven ₹ 12,000/- ii) 20 to 35 BHP driven ₹ 15,000/-
(i) Sugarcane Thrash Cutter (ii) Coconut Frond Chopper (iii) Rake (iv) Balers (v) Straw Reaper		
<b>E. Harvesting &amp; Threshing Equipments *, #</b>	i) Operated by engine/electric motor below 3 HP and by power tiller and tractor below 20 BHP ₹ 20,000/- ii) Operated by engine/electric motor 3-5 HP and by power tiller and tractor below 35 BHP ₹ 25,000/-	i) Operated by engine/electric motor below 3 HP and by power tiller and tractor below 20 BHP ₹ 16,000/- ii) Operated by engine/electric motor 3- 5 HP and by power tiller and tractor below 35 BHP ₹ 20,000/-
(i) Ground Nut Pod Stripper (ii) Thresher (iii) Multi Crop Thresher (iv) Paddy Thresher (v) Brush Cutter		

Types of Agricultural Equipment	For SC,ST, Small & Marginal Farmers, Women and NE States' Beneficiaries	For other Beneficiaries
	Maximum Permissible subsidy per Machine/Equipment	Maximum Permissible subsidy per Machine/Equipment
<b>F. Chaff Cutter *, #</b>	i) Operated by engine/electric motor below 3 HP and by power tiller and tractor below 20 BHP ₹ 20,000/-  ii) Operated by engine/electric motor 3-5 HP and by power tiller and tractor below 35 BHP ₹ 25,000/-	i) Operated by engine/electric motor below 3 HP and by power tiller and tractor below 20 BHP ₹ 16,000/-  ii) Operated by engine/electric motor 3-5 HP and by power tiller and tractor below 35 BHP ₹ 20,000/-

Tractor above 35 BHP driven Equipment		
<b>A. Land Development, tillage and seed bed preparation equipments:</b>		
(i) MB Plough (ii) Disc Plough (iii) Cultivator (iv) Harrow (v) Leveler Blade (vi) Cage Wheel (vii) Furrow Opener (viii) Ridger (ix) Reversible Mechanical Plough	₹ 44,000/-	₹ 35,000/-
(x) Weed Slasher (xi) Laser Land Leveler (xii) Rotavator (xiii) Roto-Puddler (xiv) Reversible Hydraulic Plough (xv) Sub – Soiler (xvi) Trench Makers (PTO operated) (xvii) Bund Former (PTO operated) (xviii) Power Harrow (PTO operated) (xix) Backhoe Loader Dozer (Tractor operated)	₹ 63,000/-	₹ 50,000/-

Type of Agricultural Machinery *, # Tractor above 35 BHP driven equipment	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
<b>B. Sowing, Planting, Reaping and Digging Equipments:</b>	₹ 44,000/-	-	₹ 35,000/-	-
(i) Zero till Seed-cum-Fertilizer Drill (ii) Raised Bed Planter (iii) Seed Drill (iv) Potato Digger (v) Tractor Drawn Reaper (vi) Onion harvester				

Type of Agricultural Machinery *, # Tractor above 35 BHP driven equipment	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
(i) Post Hole Digger (ii) Potato Planter (iii) Ground Nut Digger (iv) Strip Till Drill (v) Rice Straw Chopper (vi) Sugarcane Cutter/ Stripper/Planter, (vii) Multi Crop Planter (viii) Zero-till Multi Crop Planter (ix) Ridge Furrow Planter (x) Turbo Seeder (xi) Pneumatic Planter (xii) Pneumatic Vegetable Transplanter, (xiii) Pneumatic Vegetable Seeder (xiv) Happy Seeder (xv) Cassava Planter (xvi) Manure Spreader (xvii) Fertilizer Spreader – PTO operated (xviii) Plastic Mulch Laying Machine (xix) Automatic Rice Nursery Sowing Machinery	₹ 63,000/-	50%	₹ 50,000/-	40%
<b>Tractor (above 35 BHP ) driven equipments *, #</b> <b>C. Inter Cultivation Equipments:</b> (i) Grass/ Weed Slasher, (ii) Rice Straw Chopper, (iii) Weeder (PTO operated)	₹ 63,000/-	50%	₹ 50,000/-	40%
<b>D. Harvesting &amp; Threshing Equipments (Operated by engine/electric motor above 5 hp and Tractor of above 35 BHP)</b> (i) Ground Nut Pod Stripper (ii) Thresher/Multi crop Thresher (iii) Paddy Thresher (iv) Chaff Cutter (v) Forage Harvester (vi) Bird Scarer	₹ 63,000/-	50%	₹ 50,000/-	40%



Type of Agricultural Machinery *, # Tractor above 35 BHP driven equipment	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
<b>E. Equipments for Residue management/Hay and Forage:</b> (i) Sugarcane Thrash Cutter (ii) Coconut Frond Chopper (iii) Hay Rake (iv) Balers (Round) (v) Balers (Rectangular) (vi) Wood Chippers (vii) Sugarcane Ratoon Manager (viii) Cotton Stalk Uprooter (ix) Straw Reaper	₹ 63,000/-	50%	₹ 50,000 /-	40%

**All Manual /Animal Drawn Equipment/Implements/Tools under SMAM \*, #**

Type of Agricultural Equipments	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries	For other Beneficiaries
	Maximum Permissible subsidy per Machine/Equipment	Maximum Permissible subsidy per Machine/Equipment
<b>A. Land Development , Tillage and Seed Bed preparation equipments:</b> (i) MB Plough (ii) Disc Plough (iii) Cultivator (iv) Harrow (v) Leveler Blade (vi) Furrow Opener (vii) Ridger (viii) Puddler	₹ 10,000/-	₹ 8000/-
<b>B. Sowing and Planting Equipments:</b> (i) Paddy Planter (ii) Seed cum Fertilizer Drill (iii) Raised Bed Planter (iv) Planter (v) Dibbler (vi) Equipments for raising paddy nursery	₹ 10,000/-	₹ 8000/-
(vii) Drum Seeder (Below 4 Rows)	₹ 1500/-	₹ 1200/-
(viii) Drum Seeder (Above 4 Rows)	₹ 1900/-	₹ 1500/-

Type of Agricultural Equipments	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries	For other Beneficiaries
	Maximum Permissible subsidy per Machine/Equipment	Maximum Permissible subsidy per Machine/Equipment
<b>C. Harvesting &amp; Threshing Equipments:</b>		
(i) Ground Nut Pod Stripper	₹ 10,000/-	₹ 8000/-
(ii) Thresher		
(iii) Winnowing fan		
(iv) Tree Climber		
(v) Horticulture Hand tools		
(vi) Chaff Cutter (upto 3')	₹ 5000/-	₹ 4000/-
(vii) Chaff Cutter (above 3')	₹ 6300/-	₹ 5000/-
<b>D. Inter Cultivation Equipments:</b>	₹ 600/-	₹ 500/-
(i) Grass Weed Slasher		
(ii) Weeder		
(iii) Conoweeder		
(iv) Garden Hand Tools		

#### Plant Protection Equipment under SMAM \*, \$

Type of Agricultural Machinery *, \$	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
a. Manual Sprayer Knap Sack / Foot Operated Sprayers	₹ 600/-	---	₹ 500/-	---
b. Powered				
i) Knapsack Sprayers/ power operated Taiwan Sprayers (capacity 8-12 lit.)	₹ 3100/-	---	₹ 2500/-	---
ii) Knapsack Sprayers/ Power Operated Taiwan Sprayers (capacity above 12-16 lit)	₹ 3800/-	---	₹ 3000 /-	---
iii) Knapsack Sprayers/ power operated Taiwan Sprayers (capacity above 16 lit.	₹ 10,000/-	---	₹ 8000/-	---
c. Tractor Mounted / Operated Sprayers				
i) Below 20 BHP	₹ 10,000/-	---	₹ 8000/-	---
ii) 20 - 35 BHP	₹ 13,000/-	---	₹ 10,000/-	---
iii) above 35 BHP	₹ 63,000/-	50%	₹ 50,000/-	40%

Type of Agricultural Machinery *, \$	For SC, ST, Small & Marginal Farmers, Women and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
d. Eco – friendly Light Traps	₹ 1400/-	---	₹ 1200/-	---
e. Electrostatic Sprayer	₹ 63,000/-	50%	₹ 50,000/-	40%

### Post Harvest Technology under SMAM

Establishment of PHT unit for transfer of primary processing technology, value addition, low cost scientific storage, packaging units and technology for by-products managements in the production catchments	₹ 1.50 Lakh per Unit	60%	₹ 1.25 lakh per unit	50%
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### Establishment of Farm Machinery Banks for Custom Hiring under SMAM

#### I. Establishment of Farm Machinery Banks for Custom Hiring

S. No.	Item	Maximum Permissible Project Cost	Pattern of Assistance
1.	Procurement subsidy for establishment of Custom Hiring Centre upto ₹ 60 lakhs	Project based ₹ 24 lakhs	40%

#### II. Establishment of Hi-Tech, High Productive Equipment Hub for Custom Hiring under SMAM

S. No.	Item	Maximum Permissible Project Cost	Pattern of Assistance
1.	Procurement subsidy for establishment of Custom Hiring Centre upto ₹ 250 lakhs	Project based ₹ 100 lakhs	40%

#### PTO –Power Take Off

- Illustrative list of the equipments tested from FMTTI and other designated institutes may be referred at [www.farmech.gov.in](http://www.farmech.gov.in)
- \* All tested equipments from either FMTTIs or designated institutes from DAC are only eligible for subsidy in all states under government assisted programme.
- # These agricultural implements authorized to test at designated institutes from DAC
- \$ These agricultural machinery authorized to test at FMTTIs
- Any extra equipment proposed by States would be considered by DAC under the appropriate category of assistance.

**B: Financial Assistance for procurement of Agricultural Machinery & Equipment under NFSM**

S. No.	Name of Equipment	Pattern of Assistance	Crops in which admissible			
			Rice	Wheat	Pulses	Coarse Cereals
1.	<b>Farm Machinery</b>					
(i)	Conoweeder	₹ 600/- per machine or 50% of the cost whichever is less	✓			
(ii)	Manual Sprayer: Knap Sack Sprayer/ Foot Operated Sprayer	₹ 600/- per sprayer or 50% of the cost whichever is less	✓	✓	✓	
(iii)	Drum Seeder	₹ 1500/- per machine or 50% of the cost whichever is less	✓			
(iv)	Power Sprayer	₹ 3000/- per powered sprayer or 50% of the cost whichever is less	✓	✓	✓	
(v)	Manual Chaff Cutter	₹ 5000/- per machine or 75% of cost whichever is less				
(vi)	Chiseller (Deep Ploughing)	₹ 8000/- per machine or 50% of the cost whichever is less		✓	✓	
(vii)	Tractor Mounted Sprayer	₹ 10,000/- per sprayer or 50% of cost whichever is less		✓	✓	
(viii)	Seed Drill	₹ 15,000/- per machine or 50% of cost whichever is less	✓	✓	✓	
(ix)	Zero Till Seed Drill	₹ 15,000/- per machine or 50% of cost whichever is less		✓	✓	
(x)	Multi Crop Planter	₹ 15,000/- per machine or 50% of cost whichever is less	✓	✓	✓	
(xi)	Zero Till Multi Crop Planter	₹ 15,000/- per machine or 50% of cost whichever is less	✓	✓	✓	
(xii)	Ridge Furrow Planter	₹ 15,000/- per machine or 50% of cost whichever is less			✓	
(xiii)	Power Weeder	₹ 15,000/- per machine or 50% of cost whichever is less	✓	✓		
(vi)	Mobile Rain Gun	₹ 15,000/- per mobile rain gun or 50% of cost whichever is less		✓	✓	
(xv)	Power Driven Chaff Cutter	₹ 20000/- per machine or 75% cost whichever is less				
(xvi)	Rotavator / Turbo Seeder	₹ 35000/- per machine or 50% of cost whichever is less	✓	✓	✓	
(xvii)	Paddy Thresher/Multi Crop Thresher	₹ 40000/- per machine or 50% of the cost whichever is less	✓	✓	✓	
(xviii)	Laser Land Leveler	₹ 1.50 lakh per machine to a group of 10 farmers	✓	✓	✓	
(xix)	Self Propelled Paddy Transplanter	₹ 75000/- per machine or 50% of the cost whichever is less	✓			



**C: Financial Assistance for procurement of Agricultural machinery and equipment under Mini Mission-I of NMOOP**

Type of Agricultural Machinery **, \$	For SC, ST, Small & Marginal Farmers, Women, Group > 5 Members, FPOs and NE States Beneficiaries		For other Beneficiaries	
	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance	Maximum Permissible subsidy per Machine/ Equipment	Pattern of Assistance
<b>Plant Protection Equipment</b>				
a) Manual Sprayers				
i) Eco-Friendly Light Trap (NCIPM model) and Knapsack/Foot Operated Sprayer	₹ 800/-	50%	₹ 600/-	40%
ii) Seed Treatment Drum with 20 kg - 40 kg Capacity	₹ 2000/-	-	₹ 1750/-	50%
b. Powered i) Knapsack Sprayers/ Power Operated Taiwan Sprayers (capacity below 16 lit.)	₹ 3800/-	60%	₹ 3000/-	50%
ii) Knapsack Sprayers/ Power operated Taiwan sprayers (capacity above 16 lit.)	₹ 10,000/-	50%	₹ 8000/-	40%
c. Supply of improved farm implements	₹ 10,000/-	50%	₹ 8000/-	40%
i) Manually/ Bullock drawn implements including Chiseller				
ii) Tractor driven farm equipment like Rotavator/ Seed Drill/ Zero Till Seed Drill/ Multi Crop Planter/ Ridge Furrow Planter/ Raised Bed Planter/ Power Seeder/ Groundnut Digger and Multi Crop Threshers	₹ 63,000/-	50%	₹ 50,000/-	40%

**C: Financial Assistance for procurement of Agricultural Machinery and Equipment under Mini Mission-II (Oil Palm) of National Mission on Oilseeds and Oil Palm (NMOOP)**

Components	Pattern of Assistance
Machinery & Tools	<p>Assistance upto 50% of the cost and upto the amount for equipments/tools as provided under to State Department of Agriculture/Horticulture:</p> <p>(i) Manually Handled/ High Reach Oil Palm Cutter - ₹ 1500/- per unit,</p> <p>(ii) Oil Palm Protective Wire Mesh - ₹ 15,000/- per unit,</p> <p>(iii) Motorized Chisel - ₹ 10,000/- per unit</p> <p>(iv) Aluminium Portable ladder - ₹ 3000/- per unit</p> <p>(v) Chaff Cutter for chaffing of oil palm leaves (oil palm farmers only) - ₹ 7000/- per unit.</p> <p>(vi) Small tractor upto 20 HP along with trolley: 25% of the cost of Procurement subject to a ceiling of ₹ 0.75 lakh. Additional 10% assistance to SC / ST / Small / Marginal Farmers / Women, Groups &gt; 5 members FPOs and NE States to a ceiling of ₹ 1.00 lakh per unit.</p> <p>(vii) Any other Machinery recommended by ICAR/SAUs which is useful for Oil Palm growers could be included under local initiatives/contingency under AAP.</p> <p>(viii) import of machinery viz; Mechanical Sprayer for Young Oil Palm Fields, Mechanical Oil Palm Harvesting Machine, Compact FFBs Transporter/ Sprayers etc., with specific approval of standing committee of NMOOP.</p>

**D: Financial Assistance for procurement of Agricultural Machinery and Equipments under Mission for Integrated Development of Horticulture (MIDH) during XII Plan**

Item	Cost Norms*	Pattern of Assistance
i) Tractor (upto 20 PTO)	₹ 3.00 lakh per unit	25% of cost, subject to a maximum of ₹ 0.75 lakh/ unit for General Category Farmers, and in the case if SC, ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, 35% of cost, subject to a maximum of ₹ 1.00 lakh per unit.
ii) Power Tiller		
a) Power Tiller (below 8 BHP)	₹ 1.00 lakh per unit	Subject to a maximum of ₹ 0.40 lakh/unit for General Category Farmers, and in the case if SC,ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 0.50 lakh/ unit.
b) Power Tiller (8BHP & above)	₹ 1.50 lakh per unit	Subject to a maximum of ₹ 0.60 lakh/unit for General Category Farmers, and in the case if SC,ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 0.75 lakh/ unit.
iii) Tractor/Power Tiller (below 20BHP) driven equipments		
a) Land development, tillage and seed bed preparation	₹ 0.30 lakh per unit	Subject to a maximum of ₹ 0.12 lakh per unit for General Category Farmers, and in the case if SC,ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 0.15 lakh/ unit.
b) Sowing, planting reaping and digging equipments	₹ 0.30 lakh per unit	Subject to a maximum of ₹ 0.12 lakh/unit for General Category Farmers, and in the case if SC,ST, Small & Marginal farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 0.15 lakh/ unit.
c) Plastic mulch laying machine	₹ 0.70 lakh per unit	Subject to a maximum of ₹ 0.28 lakh/unit for General Category Farmers, and in the case if SC,ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 0.35 lakh/ unit.
iv) Self-propelled Horticulture Machinery	₹ 2.50 lakh per unit	Subject to a maximum of ₹ 1.00 lakh/unit for General Category Farmers, and in the case if SC,ST, Small & Marginal Farmers, Women Farmers and beneficiaries in NE states, subject of a maximum of ₹ 1.25 lakh/ unit.

\* Cost norms are indicate and refer to upper limit of cost for calculation of subsidy

### Whom to Contact ?

District Agriculture Officer / District Horticulture Officer / Project Director, ATMA.

## 6. Agricultural Credit

### What to Do?

- To save themselves from the clutches of money lenders, farmers can avail loan facility from banks.
- Loan facility is available through a large network of Commercial Banks, Regional Rural Banks and Cooperative Credit Institutions in the country to fulfill the crop loan and term loan needs of the farmers.
- Ensure timely repayment of bank loan.
- Proper record of loan should be maintained by farmer.
- Utilize the bank loan for actual purpose for which bank loan is taken.



### What Can You Get?

#### A: Credit Facility to Farmers

S.No.	Credit Facility	Quantum of Assistance
1.	Interest Assistance	Crop loan upto ₹ 3 lakhs at 7% rate of interest. This interest rate becomes 4% due to 3% interest subvention incentives provided to those farmers who repay crop loan on time
	Collateral / security-free loan	No need of collateral security for farm loan up to ₹ 1 lakh
2.	Kisan Credit Card	Farmers can avail crop loan through Kisan Credit Card. Loan /credit limit is fixed on the basis of crop sown and area under cultivation. Kisan Credit Cards are valid for 3-5 years. Farmers are also provided risk coverage in the event of accidental death/disability. Crop coverage loans are covered under the Crop Insurance Scheme.
3.	Investment Loan	Loan facility to the farmers is available for investment purposes in the areas viz. Irrigation, Agricultural Mechanization, Land Development, Plantation, Horticulture and Post-Harvest Management

### Whom to Contact ?

Nearest Commercial Banks, Regional Rural Banks and Cooperative Credit Societies.

## B. Price Policy for Agricultural Commodities – Price Support Scheme (PSS) for Procurement of Oilseeds, Pulses & Cotton under Minimum Support Price (MSP)

Name of the Scheme	Objectives	Beneficiary	Implementing Agency	Commodities covered under Scheme	Likely Benefit to the growers	Pattern of Assistance
Price Support Scheme (PSS)	To provide remunerative/ guaranteed prices to the oilseeds, pulses & cotton growers in case of price fall below the Minimum Support Price (MSP) declared by Government of India in both crop seasons i.e. Rabi & Kharif every year.	All the oilseeds, pulses & cotton growers of the country.	<p><b>(i) Central Agencies</b> - NAFED &amp; Small Farmers Agri-business Consortium (SFAC).</p> <p><b>(ii) State Agencies</b> – State Cooperative Marketing/Commodities Federations and any other organization appointed by the Central Agencies at State Level.</p> <p><b>(iii) Primary Agencies</b> – Cooperative Marketing Societies, Farmer Producer Organizations (FPO), Farmer Producer Companies (FPC) at village level.</p>	Arhar (Tur), Moong, Urad, Cotton, Groundnut in Shell, Sunflower Seed, Soyabean, Sesamum, Nigerseed, Gram, Masur (Lentil), Rapeseed/Mustard, Safflower, Toria, Copra	Through Price support Scheme (PSS) operations, farmers are assured to get minimum guaranteed price in case the market price of that particular commodity falls below the MSP	<p><b>(i) Farmers</b>– MSP for the specific commodity is fully paid to the farmers, in case the prices rule below the MSP.</p> <p><b>(ii) Central Agencies</b> – Losses incurred to the central agencies are fully reimbursed by the Government of India. Besides, service charges @ 2.5% on the procurement cost for Copra and 1.5% for oilseeds, pulses &amp; cotton are also paid to the central agencies.</p> <p><b>(iii) State /Primary Agencies</b> – The difference between MSP and Ruling Price along with all expenses up to the storage points are paid to the State agencies by Central agencies/ Government of India. Besides, 1% service charge at the ex-godown cost is also paid.</p>

### Whom to Contact:-

1. Joint Secretary (Cooperation), Department of Agriculture & Cooperation, Krishi Bhawan, New Delhi.
2. Regional Offices of NAFED & SFAC located in State Capitals.
3. District Level Offices of Cooperative Marketing/Commodities Federations.
4. Marketing Cooperative Societies at Tehsil Level and FPOs /FPCs at Block Level.

### When to Contact:-

The MSP of oilseeds, pulses & cotton are declared by Government of India in the month of June and October (twice in a year) before the sowing of Rabi & Kharif Crops so that the farmers can take a considered view on sowing these crops. At the harvesting time, farmers can compare the market price prevailing in the area with the MSP declared by Government of India and if the market price falls below the MSP, he / she may immediately approach the above mentioned authorities for procurement operations.

## 7. Agricultural Insurance



### What to Do?

- Safeguard yourself financially against non-preventable natural risks like natural disasters/calamities, insect, pests & diseases and adverse weather conditions.
- Take benefit of appropriate crop insurance scheme applicable in your area. National Crop Insurance Programme (NCIP) with three components namely Modified National Agricultural Insurance Scheme (MNAIS), Weather Based Crop Insurance Scheme (WBCIS) and Coconut Palm Insurance Scheme (CPIS) are being implemented in the country.
- Getting yourself covered under MNAIS/WBCIS is compulsory, if you avail crop loan for notified crops. Coverage is voluntary for non-loanee farmers. Contact nearest branch of bank/crop insurance company for availing the benefits under the Crop Insurance Schemes.

### What Can You Get?

S.No.	Scheme	Assistance
1.	Modified National Agricultural Insurance Scheme (MNAIS)	<ul style="list-style-type: none"> <li>• Insurance protection for notified food crops, oilseeds and annual horticultural/commercial crops.</li> <li>• Actuarial Premium rate for notified crops subject to maximum premium upto 11% &amp; 9% for food &amp; oilseeds crops of Kharif and Rabi seasons, respectively. For annual commercial/ horticultural crops, it is capped at 13%.</li> <li>• Subsidy upto 75% of premium is provided to all types of farmers depending on the slab of premium.               <ol style="list-style-type: none"> <li><b>Upto 2% - Nil,</b></li> <li><b>More than 2 – 5% :</b> 40% subject to minimum net premium of 2%,</li> <li><b>More than 5 – 10% :</b> 50% subject to minimum net premium of 3%,</li> <li><b>More than 10 – 15% :</b> 60% subject to minimum net premium of 5%,</li> <li><b>More than 15% :</b> 75% subject to minimum net premium of 6 %</li> </ol> </li> <li>• If the sowing is not done due to adverse weather/climate, claims/indemnity upto 25% of sum insured will be paid for prevented sowing/planting risk.</li> <li>• When the crop yield is less than the guaranteed yield of notified crops, the indemnity payment equal to shortfall in yield is payable to all insured farmers in the notified areas.</li> <li>• However, on-account advance payment, up to 25% of likely claims will be paid as immediate relief in those notified areas where yield losses are atleast 50% of Threshold Yield (TY).</li> </ul> <p>Besides, post harvest (upto 2 weeks) losses due to cyclone are also covered.</p> <p>Losses due to localized risks of hailstorm and landslide are assessed on individual basis and claims to affected insured farmers are paid accordingly.</p>



S.No.	Scheme	Assistance
2.	Weather Based Crop Insurance Scheme (WBCIS)	<ul style="list-style-type: none"> <li>Insurance protection for notified food crops, oilseeds and horticultural/commercial crops</li> <li>Actuarial Premium rate for notified crops, subject to maximum premium upto 10% &amp; 8% for food &amp; oilseeds crops of Kharif and Rabi seasons, respectively and 12% for annual commercial/horticultural crops. It is capped at 12%. <ul style="list-style-type: none"> <li>a. Upto 2% - Nil subsidy,</li> <li>b. More than 2 to 5% - 25% subsidy subject to minimum net premium of 2%,</li> <li>c. More than 5 to 8% - 40% subsidy subject to minimum net premium of 3.75%,</li> <li>d. More than 8% - 50% subsidy subject to minimum net premium of 4.8% and maximum net premium of 6% payable by farmers.</li> </ul> </li> <li>When the Weather indices (rainfall/temperature/relative humidity/wind speed etc) differ (less/higher) from the Guaranteed Weather Index of notified crops, the indemnity payment equal to deviation/shortfall is payable to all insured farmers of notified crops in notified area.</li> </ul>
3.	Coconut Palm Insurance Scheme (CPIS)	<ul style="list-style-type: none"> <li>Insurance protection for Coconut Palm growers.</li> <li>Premium rate per palm ranges from ₹ 9.00 (in the age group of 4 to 15 years) to ₹ 14.00 (in the age group of 16 to 60 years).</li> <li>50-75% subsidy of premium is provided to all types of farmers.</li> <li>When the Palm trees are damaged, the indemnity payment equal to sum insured/ damage is payable to the insured farmers in notified areas.</li> </ul>

### Whom to Contact ?

Nearest branch of Bank/Empanelled General Insurance Companies, Credit & Cooperative Society and District Agriculture Officer/Block Development Officer may be contacted.

## 8. Plant Protection



### What to Do?

- Bio-pesticides should be given priority over chemical pesticides.
- Pest Defender ratio to be assessed by farmers before using any pesticide. Agro Eco System Analysis (AESA) based Integrated Pest Management should be adopted.
- Grow such crops surrounding/near the main crop (inter cropping/border cropping) which attract farmer friendly insects which can manage/kill harmful insects.
- Resort to deep ploughing during summer season.
- Use pest resistant varieties of crops such as Bt Cotton and manage pests by adopting crop rotation, inter cropping and trap-cropping.

- Use light trap/sticky trap/pheromone trap for monitoring and mass trapping of the pests.
- Use parasitoids and predators for biological control of the insects, pests and antagonists for diseases.
- Use chemical pesticides only if the above listed measures are not effective, that too as per the recommendation of the experts and also take following precautions:
  - Follow all the prescribed safety precautions while using chemical pesticides.
  - While spraying the pesticides, always wear safety gadgets like mask, hand-gloves etc.
  - Always spray in the direction of wind and keep yourself safe from the spray drift.
  - Always keep pesticides, plant protection equipment etc. under lock and key away from children and pets.
  - While purchasing pesticides, you must see the packing and validity date of the chemical.
  - In case of any pesticide poisoning, immediately contact a doctor, also carry the empty container and information booklet of the pesticide used.
  - Pesticides should be used as per the instructions on the label.
  - Disposal of used containers should be as per the instructions given in leaflet.

### What Can You Get?

S.No.	Type of Assistance	Quantum of Assistance	Scheme/Component
1.	Directorate of Plant Protection, Quarantine & Storage, Faridabad in Haryana, through its 31 Central IPM Centres, located across the country, organizes various programmes. These programmes are purely being run for the benefit of farmers. These programmes are as follows:		National Mission on Agricultural Extension and Technology (NMAET) - Sub Mission on Plant Protection and Plant Quarantine (SMPP)

S.No.	Type of Assistance	Quantum of Assistance	Scheme/Component
a.	Two days training programme for farmers, NGOs, pesticide dealers held under the supervision of CIPMC in villages, towns and cities.	₹ 38,600/- per training programme	
b.	Five days training programme for progressive farmers and extension officers held under the supervision of CIPMC in State-run institutions.	₹ 1,52,100/- per training programme	
c.	Farmers Field School organized through various Central Integrated Pest Management Centres(CIPMC)	₹ 26,700/- per field school	
d.	Farmers Field School through KVK (Krishi Vigyan Kendras)	₹ 29,200/- per field school	
2.	Support for IPM, pesticides, Integrated Nutrient Management, Fertigation, Tree Guard etc.	50% of the cost limited to ₹ 5000/- per hectare	Special programme on Oil Palm Area Expansion.
3.	Distribution of plant protection chemicals, bio-pesticides/IPM	50% of the cost or ₹ 500/- per hectare whichever is less	National Food Security Mission (NFSM)
4.	Distribution of weedicides	50% of the cost or ₹ 500/- per hectare whichever is less	National Food Security Mission (NFSM)
5.	Integrated Pest Management in Horticultural Crops	Limited to 4 hectares per beneficiary @ ₹ 1000/- per hectare.	NHM/HMNEH Sub schemes under MIDH

**The Financial Assistance for procurement of Plant Protection Equipment under Sub-Mission on Agricultural Mechanisation (SMAM) is given under Chapter 5 “Mechanization & Technology” under Plant Protection Equipment on page number 20 and under Mini –Mission –I (Oilseeds) of National Mission on Oilseeds and Oil Palm (NMOOP) on page number 23.**

### Whom to Contact ?

District Agriculture Officer / In-charge KVK / Project Director, ATMA.

## 9. Horticulture

(Cultivation of Fruits, Vegetables and Flowers for Higher Income)



### What to Do?

- Grow Horticultural Crops for higher income from lesser area.
- For healthy crop use high quality planting material.
- To keep fruits and vegetables fresh for longer period, use cold storage facility/cool houses.
- Earn maximum profit by adopting correct method of harvesting, cleaning, grading, processing and packaging.
- Produce off-season vegetables and flowers in poly-houses, low tunnels.

### What Can You Get?

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
<b>A: Assistance under Horticulture</b>				
1.	Vegetable Seed Production (Maximum 5 ha / beneficiary)	35% in general area, 50% in NE, TSP, A&N and Lakshadweep Islands	₹ 35,000/- for open and ₹ 1,50,000/- for Hybrid Seeds	Sub Schemes of NHM & HMNEH under MIDH
2.	Hi-tech Nursery (2-4 ha unit)	40% of cost, as credit linked back-ended subsidy.	₹ 25.00 lakhs per ha	-do-
3.	Small Nursery (1ha unit)	50% of cost, as credit linked back-ended subsidy.	₹ 15.00 lakhs per ha	-do-
4.	Establishment of new orchard (For a maximum area of 4 ha per beneficiary) (a) Fruits (with integration of drip etc.)	40% in general area, 50% in NE, TSP, A&N and Lakshadweep Islands (3 installments of 60:20:20 subject to survival rate of 75% in 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year)	₹ 0.40 lakh per ha. to ₹ 2.20 lakh/ha.	-do-
	(b) Fruits (without integration)	40% in general area 50% in NE, TSP, A&N and Lakshadweep (3 installments of 60:20:20 subject to survival rate of 75% in 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year)	₹ 0.30 lakh per ha. to ₹ 0.50 lakh/ha.	-do-

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
5.	Spices (Maximum 4 ha / beneficiary)			
	(a) Seed Spices and Rhizomatic Spices	40% in general area, 50% in NE and TSP areas	₹ 12,000/- per ha ₹ 15,000/- per ha	Sub Schemes of NHM & HMNEH under MIDH
	(b) Perennial Spices (black pepper, cinnamon, clove and nutmeg)	40% in general area, 50% in NE and TSP areas	₹ 20,000/- per ha ₹ 25,000/- per ha	
6.	Flowers (Loose bulbous and cut flowers) (Maximum 2 hectares / beneficiary)	40% (small and marginal farmers), 25% other farmers (50% in NE and TSP areas)	₹ 16,000/- per ha to ₹ 60,000/- per ha	--do--
7.	Aromatic Plants (Maximum 4 hectares/beneficiary)	40% in general area, 50% in NE and TSP areas	₹ 16,000/- per ha to ₹ 40,000/- per ha	--do--
8.	Plantation Crops (Cashew, Cocoa including replanting) (Maximum 4 hectares / beneficiary).	40% in general, 50% in NE and TSP areas (3 installments of 60:20:20 subject to survival rate of 75% in 2 <sup>nd</sup> year and 90% in 3 <sup>rd</sup> year)	₹ 40,000/- per ha with integration ₹ 20,000/- per ha without integration	--do--
9.	Rejuvenation of old orchards (Maximum 2 ha/beneficiary)	50% of total cost	₹ 20,000/- per ha	--do--
10.	Bee Keeping for Pollination Support (Maximum 50 colonies / beneficiary)			
	(a) Honey Bee Colony	50% of cost	₹ 800/- per colony	--do--
	(b) Bee Hives	50% of cost	₹ 800/- per hive	
11.	<b>Protected Cultivation</b> <b>(a) Green House</b> Fan & Pad System (limited to 4000 sq m per beneficiary)	50% of cost (15% higher for hilly areas)	₹ 700/- to 825/- per sqm.	--do--
	Naturally Ventilated System (Maximum 4000 sq m per beneficiary)	50% of cost (15% higher for hilly areas)	(i) ₹ 422/- to ₹ 530/- per sq m. Tubular structure (ii) ₹ 270/- per sq m. wooden structure (iii) ₹ 225/- per sq m. Bamboo structure	--do--



S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
	<b>(b) Shade Net House:</b> Tubular structure (Maximum 1000 sq m per beneficiary)	50% of cost (15% higher for hilly areas)	₹ 355/- per sq m	Sub Schemes of NHM & HMNEH under MIDH
	Bamboo & Wooden Structure (Maximum 200 sq m per beneficiary limited to 5 units)	50% of cost (15% higher for hilly areas)	₹ 180/- and ₹ 246 per sq m. for bamboo and wooden structures respectively.	--do--
	<b>(c) Plastic Mulch</b>	50% of cost (15% higher for hilly areas)	₹ 16,000/- ha.	--do--
	<b>(d) Plastic Tunnel:</b> (Maximum 1000 sq m/ beneficiary)	50% of cost (15% higher for hilly areas)	₹ 300/- per sq m	--do--
12.	<b>Integrated Post Harvest Management</b>			Sub Schemes of NHM, HMNEH & NHB under MIDH
	a) Pack house / On farm Collection & Storage unit	50% of cost	₹ 2.00 lakhs per unit with size of 9m x 6m	
	b) Integrated pack house with facilities for grading, sorting etc.	35% in general areas, 50% in Hilly and scheduled areas as credit-linked back-ended subsidy.	₹ 17.50 lakhs per unit with size 9m x 18m	
	c) Pre Cooling Unit	35% in general areas, 50% in Hilly and Scheduled Areas, as credit-linked back-ended subsidy	₹ 8.75 lakhs per unit for 5 MT capacity	
	d) Mobile Pre Cooling Unit	-do-	-do-	
	e) Cold Storage Units (Construction/Expansion and modernization) (Maximum 5000 MT capacity)	-do-	(i) ₹ 2800/- per MT for Type 1 (ii) ₹ 3500/- per MT for Type 2 (iii) ₹ 3500/- MT for Type 2 with add on component of controlled atmosphere technology	
	f) Ripening Chamber (maximum of 300 MT)	-do-	₹ 0.35 lakh/MT	

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
<b>B: National Bamboo Mission (NBM) under MIDH</b>				
13.	<b>A) Production of Planting Material</b> i) Hi-tech Nursery (2 ha) ii) Small Nursery (0.5 ha)	40% of cost as credit-linked back-ended subsidy.	i) ₹ 16.00 lakhs/unit ii) ₹ 5.00 lakhs/unit	Sub-schemes of National Bamboo Mission (NBM) under MIDH.
	<b>B) Area expansion under Bamboo</b> i) Forest Areas/ Public land (Through JFMC/ Panchayati Raj Institutions / SHGs, Women group etc. ii) Non Forest Areas	i) 100% of cost in three installments (50:25:25) in three years ii) Non Forest Areas	i) ₹ 42,000/- ha ii) 35% of cost in 3 installments over a period of 3 years, limited to 4 ha per beneficiary	ii) ₹ 10,500/- ha ₹ 14,700/- ha with drip irrigation.
	<b>C) Improvement of existing Stock / Forest in Forest areas</b>	40% cost limited to 2 ha per beneficiary	₹ 8,000/- ha	
	<b>D) Integrated Post Harvest Management</b>			
	Post harvest storage and treatment facilities for bamboo	40% of cost, as credit-linked back-ended subsidy	₹ 10.00 lakhs	
<b>C: National Horticulture Board (NHB)</b>				
14.	<b>A) Development of Commercial Horticulture</b> i) Open field conditions	40% of project cost in general areas and 50% of project cost for NE, Hilly and scheduled areas, as credit linked back-ended subsidy.	₹ 30.00 lakhs per project (₹ 37.50 lakhs for date palm, saffron, olive) for projects covering areas over 2 ha.	Sub scheme of National Horticulture Board (NHB) under MIDH
	ii) Protected cover	50% of project cost as credit linked back ended-subsidy.	₹ 56.00 lakhs per project.	
	<b>iii) Integrated Post Harvest Management</b> Ripening Chamber, Reefer Van, Retail Outlet, Pre-Cooling Unit etc.	35% of project cost in general areas and 50% of cost in NE, Hilly and Scheduled areas.	₹ 50.75 lakhs per project.	-do-

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
	a) Cold Storage Units	35% of project cost (50% in NE, Hilly and Scheduled areas) for capacity above 5000MT, as credit linked back ended subsidy	₹ 2660/MT for Type 1 ₹ 3225/MT for Type 2 ₹ 3500/MT for Type 2 with add on components of controlled atmosphere technology.	Sub Schemes of NHB under MIDH
<b>D: Coconut Development Board</b>				
15.	<b>A) Production and distribution of quality planting material</b>			Sub scheme of Coconut Development Board (CDB) under MIDH
	i) Distribution of hybrids/dwarf seedlings in Govt./ private sector	i) 25% of cost, for a maximum of 25,000 seedlings/acre	₹ 9.00 per seedling	--do--
	ii) Establishment of Nucleus Coconut Garden	ii) 25% of cost, for a maximum of 4 ha	₹ 1.5 lakhs / ha	--do--
	iii) Establishment of Small Coconut Nursery	iii) 100% cost for both Public and Private sectors	₹ 2.00 lakhs / unit of 0.4 ha	--do--
	<b>B) Expansion of Area under Coconut</b>			--do--
	a) Normal area	25% of cost, for a maximum of 4 ha per beneficiary, in two equal installments	₹ 7500/- ha	--do--
	b) Hilly and Scheduled Areas	25% of cost, for a maximum of 4 ha per beneficiary, in two equal installments	₹ 15,000/- ha	--do--
	<b>C) Technology Mission Coconut</b>			
	a) Development and adoption of technologies for management of insect pests and disease affected gardens	50% of cost for development and demonstration and 25% of cost for adoption	₹ 25.00 lakhs for development, ₹ 12.50 lakhs for demonstration and ₹ 6.25 lakhs for adoption	--do--
	b) Development and adoption of technologies for processing and product diversification	75% of cost for development, 50% of cost for demonstration and 25% of cost for adoption	₹ 26.25 lakhs for development, ₹ 12.50 lakhs for demonstration and ₹ 6.25 lakhs for adoption	--do--

S. No.	Type of Assistance	Criteria for Assistance / Maximum Limit		Scheme / Component
		Subsidy	Maximum Subsidy per Unit Area	
	<b>D) Replanting &amp; Rejuvenation of Old Coconut Gardens</b>			Sub- scheme of CDB under MIDH
	a) Cutting & removing old/ senile palms	@ ₹ 1000/- palm limited to 32 palms/ha	₹ 32,000/- ha	--do--
	b) Assistance for replanting	50% of cost subject to maximum of ₹ 4000/- ha	₹ 40/- per seedling	--do--
	c) Improvement of existing coconut gardens through integrated management practices	25% of cost in two equal installments	₹ 17,500/- ha	--do--
	<b>D) Coconut Palm Insurance Scheme</b>	75% of cost of premium of which 50% of insurance premium by CDB and 25% by State Government	₹ 3.52 per palm for trees in the age group of 4-15 years and ₹ 4.76/ palm in the age group of 16-60 years	--do--

Mission for Integrated Development of Horticulture (MIDH) with sub schemes NHM, HMNEH, National Bamboo Mission, Coconut Development Board and National Horticulture Board.

- ❖ Hectare unless otherwise stated
- ❖ Cost norms means upper limit of cost for calculation of subsidy

### Whom to Contact ?

District Horticulture Officer/Dy. Director (Horticulture) at District Level and Director, Horticulture at State level.

## 10. Agricultural Marketing



### What to Do?

- Farmer can get the price information of their produce which is available on Agmarknet website ([www.agmarknet.nic.in](http://www.agmarknet.nic.in)) or through Kisan Call Centres or SMS.
- Pull SMS to get information as and when you need, is also available.
- Buyer Seller Portal available at [www.farmer.gov.in/buysell.htm](http://www.farmer.gov.in/buysell.htm)
- Harvesting and threshing should be done at appropriate time.
- Proper grading, packing and labeling should be done before sale, for better prices.

- Transport of produce to proper market/mandi for getting remunerative price.
- Storage of produce should be done, for sale during off season, for maximum profit.
- Avoid distress sale.
- Farmers in a group may form marketing cooperatives for better marketing facilities.
- Marketing cooperatives may open retail and wholesale outlets.
- Farmers may also operate cold storages and warehouses to store the produce in order to avoid distress sale.

### What Can You Get?

S. No.	Type of Facilities	Category	Subsidy ceiling				Scheme
			Rate of Subsidy On Capital Cost	Up to 1000 MT (in ₹/MT)	More than 1000 to 30,000 MT (in ₹/MT)	Maximum (₹ Lakhs)	
1.	(i) For Storage Infrastructure projects- Agricultural Marketing Infrastructure (AMI) sub scheme of ISAM	A) NE States, Sikkim, UTs of Andaman & Nicobar and Lakshadweep Islands and hilly* areas	33.33%	1333.20	1333.20	400.00	Integrated Scheme for Agricultural Marketing (ISAM)



S. No.	Type of Facilities	Category	Subsidy ceiling				Scheme
			Rate of Subsidy On Capital Cost	Up to 1000 MT (in ₹/MT)	More than 1000 to 30,000 MT (in ₹/MT)	Maximum (₹ Lakhs)	
	(Erstwhile Grameen Bhandaran Yojana)	<b>B) In other Areas</b> For Registered FPOs, Panchayats, Women, Scheduled Caste (SC)/ Scheduled Tribe (ST) beneficiaries or their cooperatives**/ Self-Help Groups	33.33%	1166.55	1000.00	300.00	
		For all other categories of beneficiaries	25%	875.00	750.00	225.00	

#### Criteria for Assistance/Maximum Limit

S. No.	Types of Facilities	Category	Rate of Subsidy	Maximum Subsidy Ceiling (₹ in lakhs)	Scheme
	(ii) For other Marketing Infrastructure projects	A) NE States, Sikkim, States of Uttarakhand, Himachal Pradesh, Jammu & Kashmir, UTs of Andaman & Nicobar and Lakshadweep Islands, hilly* and tribal areas	33.33%	500.00	Integrated Scheme for Agricultural Marketing (ISAM)
	Agricultural Marketing Infrastructure (AMI) sub scheme of ISAM				
	(Erstwhile Scheme for Development/ Strengthening of Agricultural Marketing Infrastructure, Grading & Standardization (AMIGS))	B) In other Areas For Registered FPOs, Panchayats, Women farmers/entrepreneurs, Scheduled Caste (SC)/ Scheduled Tribe (ST) / Entrepreneurs and their cooperatives**	33.33%	500.00	
		2. For all other categories of beneficiaries.	25%	400.00	

\*Hilly area is a place at an altitude of more than 1,000 meters above mean sea level.

\*\*SC/ST Cooperatives to be certified by the concerned officer of the State Government.

### **Eligible Marketing Infrastructure**

- All marketing infrastructure required for post-harvest management
- Market user common facilities like market yards etc.
- Infrastructure for grading, standardization and quality certification, labeling, packaging and value addition facilities (without changing the product form)
- Infrastructure for Direct Marketing from producers to consumers/processing units/bulk buyers etc.
- Reefer vans, used for transporting agricultural produce, which are essential for maintaining cold supply chains.

### **Where to apply/approach for Subsidy and Loan?**

- Commercial banks, Regional Rural Banks, State Cooperative Banks etc.
- National Cooperative Development Corporation (NCDC) for projects by Cooperatives.

Detailed information is available in Operational Guidelines of the Integrated Scheme for Agricultural Marketing (ISAM) on website [www.agmarknet.nic.in](http://www.agmarknet.nic.in)

## 11. Integrated Farming



### What to Do?

- Promote crop / cropping system suitable to agro-climatic conditions.
- Diversify crop / cropping system incorporating livestock, fisheries, horticulture, dairy, agro-forestry etc.
- Create source for protective irrigation through check dams, tanks, farm ponds, shallow / medium tube wells, dug wells etc.
- Technologies for improving water use and moisture conservation measures like efficient water application system, land leveling, field bunding, contour bunding, trenches, mulching, ridge and furrow method etc. to be adopted.

### What Can You Get?

#### Assistance under National Mission for Sustainable Agriculture

S.No.	Type of Assistance	Quantum of Assistance	Scheme
<b>A) Integrated Farming System</b>			
1.	Cropping System (CS) with rice, wheat, coarse cereal/oil-seed/fibre/pulse based two crops.	50% of input cost limited to ₹ 10,000/- per ha with permissible assistance of maximum 2 ha/ beneficiary.	National Mission for Sustainable Agriculture (NMSA)
2.	Horticulture Based Farming System (Plantation + Crops/Cropping system)	50% of input cost limited to ₹ 25,000/- per ha with permissible assistance of maximum 2 ha/ beneficiary.	-do-
3.	Tree/Silvi-Pastural/in-situ/ex-situ conservation of Non Timber Forest Produce (NTFP) (Plantation + Grass/ Crops/Cropping System)	50% of input cost limited to ₹ 15,000/- per ha with permissible assistance of maximum 2 ha/ beneficiary.	-do-
<b>4. Livestock based farming system</b>			
4.1	CB Cows + Mixed farming + Fodder Buffalo + Mixed farming + Fodder Cow/ buffalo + dairy + fodder cow/buffalo + small ruminants	50% of input cost of cropping system including cost of animals with one year concentrated food limited to ₹ 40,000/- per ha (2 milch animals + 1 ha CS) with permissible assistance of maximum 2 ha/beneficiary.	-do-

S.No.	Type of Assistance	Quantum of Assistance	Scheme
4.2	Small Ruminant + Mixed farming + Pasture Poultry/duckery + Mixed Farming Poultry/duckery + Fishery + Mixed Farming	50% of input cost of cropping system including cost of animals/birds with one year concentrated food limited to ₹ 25,000/- per ha (10 animals/50 birds + 1 ha Cropping System (CS) with permissible assistance of maximum 2 ha/beneficiary.	-do-
5.	Fishery Based Farming System	50% of input cost of cropping/vegetable system including cost of fish farming limited to ₹ 25,000/- per ha with permissible assistance of maximum 2 ha/beneficiary	-do-
6.	Vermi-compost Units/Organic Inputs Production Unit, Green Manuring	50% of cost subject to a limit of ₹ 125/- per cubic ft. Maximum permissible assistance shall be ₹ 50,000/- per unit for permanent structure and ₹ 8,000 per unit for HDPE vermin bed. 50% of cost limited to ₹ 2,000/- per ha and restricted to 2 ha per beneficiary for green manuring.	-do-
7.	Silage making for increased availability of green fodder round the year	Construction of silo Pit of 2100-2500 cubic feet with brick and cement mortar (either below ground or above ground) with provision of Chaff Cutter and Weighing Balance	100 % assistance for silage making unit consisting of Silo Pit Chaff cutter and Weighing Balance limited to ₹ 1.25 lakh per farm family.
8.	Vermi Compost Units / Organic Input Production Unit, Green Manuring	Construction of vermin composting units, organic input production units and green manuring.	50 per cent cost subject to a limit of ₹ 125/- per cubic ft. Maximum permissible assistance shall be ₹ 50,000/- per unit for permanent structure and ₹ 8000/- per unit for HDPE vermin bed.  50% of cost limited to ₹ 2000/- per ha. And restricted to 2 ha. Per beneficiary for green manuring.

S.No.	Type of Assistance	Quantum of Assistance	Scheme
9.	Post Harvest Storage / Value addition of NTFP	Small village level storage / packaging / processing unit for value addition to the produce of farming system to fetch better economic returns.	50 per cent of capital cost subject to a limit of ₹ 4000/- per square meter of storage / processing unit. Maximum permissible assistance shall be restricted to ₹ 2 lakh per unit.

### Whom to Contact ?

District Agriculture Officer / District Horticulture Officer / Project Director, ATMA.









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Department of Agriculture and Cooperation  
Ministry of Agriculture  
Government of India

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