



## Pradhan Mantri- Kisan Sampada Yojna

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Government of India had approved the umbrella Central sector scheme, SAMPADA- Scheme for Agro-marine processing and Development of Agro-processing Clusters. The scheme has been named as 'Pradhan Mantri Kisan SAMPADA Yojana (PMKSY)'. PM Kisan SAMPADA Yojana was envisaged as a comprehensive package which will result in creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet. It will not only provide a big boost to the growth of food processing sector in the country but also help in providing better returns to farmers and is a big step towards doubling of farmers income, creating huge employment opportunities especially in the rural areas, reducing wastage of agricultural produce, increasing the processing level and enhancing the export of the processed foods.

The PMKSY had seven component schemes viz; (i) Mega Food Parks, (ii) Integrated Cold Chain and Value Addition Infrastructure, (iii) Infrastructure for Agro-Processing Clusters, (iv) Creation of Backward and Forward Linkages, (v) Creation/Expansion of Food Processing & Preservation Capacities, (vi) Food Safety and Quality Assurance Infrastructure and (vii) Human Resources and Institutions.

The following schemes will be implemented under PM Kisan SAMPADA Yojna:

- Integrated Cold Chain and Value Addition Infrastructure
- Creation/ Expansion of Food Processing and Preservation Capacities (Unit Scheme)
- Infrastructure for Agro-processing Clusters
- Food Safety and Quality Assurance Infrastructure
- Human Resources and Institutions –Research & Development
- Operation Greens

## **1. Integrated Cold Chain and Value Addition Infrastructure**

### **Objectives-**

- Provide integrated cold chain, preservation and value addition infrastructure facilities without any break
- Reduce post-harvest losses of non-horticulture produce, dairy, meat, poultry, and marine/ fish
- Linking producers to food processors and market through a well-equipped supply chain and cold chain
- Remunerative prices to farmers and year-round availability of food products to consumers.

### **Eligible Entities-**

Integrated cold chain and value addition infrastructure projects can be set up by individuals as well as entity/ organization (such as FPOs/ FPCs/ NGOs/ PSUs/ Firms/ Companies, etc.) with business interest in cold chain solutions and also by those who manage supply chain.

### **Components of the Scheme**

- **Farm Level Infrastructure (FLI)**
- **Processing Centre (mandatory component)**
- **Distribution hub**
- **Refrigerated vans/ refrigerated trucks/ insulated vans/ mobile insulated tankers.**
- **Irradiation facility**

### **Eligible facilities for calculation of grant-in-aid**

- Mechanized sorting & grading line/ packing line/ staging cold rooms.
- Cold Storage Unit(s) [Associated with value addition]
- Controlled Atmosphere (CA) storage [Associated with value addition]
- Frozen Storage/ Deep freezers [Associated with value addition]
- IQF line, Tunnel/ Spiral/ Blast/ Plate Freezer, Vacuum Freeze Drying
- Milk Chilling/ Bulk Milk Cooling/ Automatic Milk Collection Unit/ Milk Processing
- Unit (including packing) for which temperature control is necessary during some part of the processing
- Poultry/ Meat/ Marine/ Fishery Processing Unit
- Packaging line for chilled/ frozen/ temperature-controlled products
- Food Irradiation unit
- Refrigerated/ insulated transport
- Pre-Cooling Units/ Mobile pre-coolers
- Retail refrigerated carts, temperature controlled solar powered retail carts
- Refrigerated Containers including multi-modal container units
- Renewable/ alternate energy technologies (solar, bio-mass, wind etc.) for the project.
- Accessories/ support infrastructure/ utilities such as fixed racking system in Cold/ CA storage, forklifts, reach trucks, insulated fish boxes, dock levellers, mezzanine flooring, ETP, boiler, CIP unit, Slicer/ Dicer, sorting/ grading line, etc
- In-house product testing laboratory
- Any other modern technology for temperature-controlled storage, processing, value addition and preservation infrastructure
- Toilets, septic tank, drainage and such other facilities

### **Ineligible items for calculation of grants-in-aid**

- Compound wall
- Approach road/ internal roads

- Cost of land and site development
- Administrative office building
- Canteen
- Labor rest room and quarters for workers
- Security/ guard room or enclosure
- Non-technical civil works not related to the components of the scheme
- Margin money, working capital and contingencies
- Fuel, consumables, spares and stores
- Transport vehicles other than controlled temperature vehicles
- Pre-operative expenses
- Service charges, carriage & freight charges or other such charges/ fees
- Expenditure on painting of machinery
- AC ducting, furniture, computers and allied office items.
- Closed Circuit TV Camera and security system related equipment.
- Consultancy fee, taxes, etc. on plant and machinery.
- Stationery items
- Plant & machinery not directly related to components of the scheme
- Fly catchers, hand washer, laundry
- Reconditioned/ refurbished/ second hand/ old plant & machinery
- Consumables (such as Plastic crates, bins, Pallets, etc.)

### **Eligibility Criteria**

- The combined net worth of the applicant should be at least 1.5 times of the grants-in-aid sought for from the Ministry in respect of General Areas and at least equal to the grants-in-aid sought for in respect of Difficult Areas or proposals from SC/ST or Farmer Producer Organizations or Self-Help Groups. Provided further that in case of proposal from SC/ST category, the sum of net worth of SC/ST member(s) shall not be less than 10% of the combined net worth of the entity. Provided also that in case of proposal from Central Government (including entities/

organizations under the Central Government) or State Government (including entities/ organizations under the State Government), no net worth criteria will be applicable.

- In-principle/ final term loan sanction letter (inter alia, indicating whether proposal is for expansion/ up-gradation or a fresh proposal) from a Bank.
- Term loan from the Bank for an amount not less than 20% of the total project cost in respect of proposals from General Areas. In case of proposals from Difficult Areas or proposals from SC/ST or Farmer Producer Organizations or Self-Help Groups, term loan amount shall not be less than 10% of the total project cost.
- A detailed Appraisal Note from a Scheduled Commercial Bank specific to the project proposal. Infusion of equity of at least 20% of the total project cost for proposals from general areas and 10% of the total project cost for proposals from difficult Areas or SC/ST or Farmer Producer Organization or Self-Help Groups.
- Only one application will be accepted from an entity against an Expression of Interest under this scheme.
- Scheme Expansion/ up-gradation of existing facilities is not eligible.
- No second proposal from an entity or promoter(s) of an entity, who have availed grants-in-aid earlier under this Scheme will be entertained.
- Entities or promoter(s) of entities who have availed financial assistance under another scheme (any scheme other than the scheme under which application is being made of the Ministry will be eligible for grants-in-aid only after two years from the date of commercial operation of the previous project.

#### **Pattern of Assistance**

- Grants-in-aid will be @35% of eligible project cost for projects in General Areas and @50% of eligible project cost for projects in Difficult Areas as well as for projects of SC/ST, FPOs and SHGs, subject to the maximum of 210 crore per project.

- No upward revision, for any reason whatsoever, in approved grants-in-aid will be considered.
- In case of proposals requesting for dropping of any of the approved components, the proportionate grants-in-aid (35% or 50%, as the case may be) approved for that particular components) shall be deducted from the approved grants-in-aid.
- No grants-in-aid shall be payable on any expenditure towards eligible components of the project, of any nature whatsoever, made before the date of issuance of approval letter by the Ministry. The same shall be verifiable from bank statement/ invoices to be submitted at the time of request for release of various instalments of grants-in-aid.
- Grants-in-aid will be considered in respect of eligible project components.
- Cost Norms issued by the Ministry or the Mission for Integrated Development of Horticulture (MIDH) under Department of Agriculture, Co-operation and Farmers Welfare of the Ministry of Agriculture & Farmers Welfare will be followed, wherever available.
- Proposals received from entities where Scheduled Caste (SC)/ Scheduled
- Tribe (ST) hold at least 51% stake, will be treated as SC/ST proposals
- If there is any reduction in stake of SC/ST below 51% during implementation of the project, such projects shall be cancelled and grants-in-aid released, if any, shall be ordered to be recovered with 10% annual interest.
- Grants-in-aid will be released subject to availability of funds.

## **2. Creation/ Expansion of Food Processing and Preservation Capacities (Unit Scheme)**

### **Objective-**

- Creation of processing and preservation capacities
- Modernization/ expansion of existing food processing units which will help in increasing the level of processing, value addition
- Reduction in food loss and result in enhancement of farmer's income

### **Eligible Sectors-**

- Fruits & vegetables processing.
- Milk Processing.
- Meat/ poultry/ fish processing.
- Ready to Eat/ Ready to Cook Food Products/ Breakfast cereals/ Snacks/ bakery and other food products including nutritional health foods.
- Grains/ pulses, oil seed milling and processing based on modern technology, modern rice milling
- Other agri-horti products including spices, coconut, soybean, mushroom processing, honey processing.
- Fruits/ honey-based wines.
- Natural Food flavours, food additives/ food extracts & colours, oleoresins, guar gum, cocoa products,
- Manufacturing jaggery from sugarcane and value-added products from jaggery (as raw material) except sugar mills,
- Any other sector that makes food products fit for human consumption.
- Animal feed manufacturing units), already set up or being set up, in Mega Food Parks or Agro Processing Clusters approved by the Ministry from time to time.

- Carbonated drinks/ beverages containing fruit juice/ pulp (more than 5% in case of lime/ lemon and more than 10% in case of other fruits) will be considered for financial assistance under the Scheme.

#### **Eligible processing activities**

- Sorting, grading, washing, peeling, cutting, sizing
- Blanching, crushing, extraction, pulping
- Drying, de-husking, de-hulling, splitting, depodding, deseeding, colour sorting, pulverization, extrusion, freeze drying/ dehydration, frying.
- Pasteurization, homogenization, evaporation, concentration.
- Packaging facilities like canning, aseptic packaging, vacuum packaging, bottling, edible packaging, labelling, any other specialized packaging.
- Chemical preservation, pickling, fermentation or any other specialized facility required for preservation activities.
- Individual Quick Freezing (IQF), blast freezing, plate freezing, spiral quick freezing;
- Controlled temperature transport like coolers and refrigerated/ insulated/ ventilated transport.
- Other processing/ preservation/ transport/ storage facilities adjunct to value addition and shelf life enhancement of food products.
- Fire Fighting equipment and insect repellents.

#### **Ineligible items for calculation of grants-in-aid**

- Compound wall
- Approach road/ internal roads
- Cost of land and site development
- Administrative office building
- Canteen
- Labor rest room and quarters for workers
- Security/ guard room or enclosure



- Non-technical civil works not related to the components of the scheme
- Margin money, working capital and contingencies
- Fuel, consumables, spares and stores
- Transport vehicles except Controlled temperature vehicles like coolers and refrigerated/ insulated/ ventilated transport
- Pre-operative expenses
- Service charges, carriage and freight charges or other such charges/ fees (n)
- Expenditure on painting of machinery
- AC ducting, furniture, computers and allied office items.
- Closed Circuit TV Camera and security system related equipment.
- Consultancy fee, taxes, etc. on plant and machinery.
- Stationery items
- Plant & machinery not directly related to components of the scheme
- Fly catchers, hand washer, laundry
- Reconditioned/ refurbished/ second hand/ old plant & machinery

### **Eligible Entities**

- Any organization or an individual engaged in or that plans to engage in creation/ expansion/ modernization of food processing and preservation capacities would be eligible for financial assistance under the Scheme.
- Proposals received from Scheduled Caste (SC)/ Scheduled Tribe (ST) holding at least 51% stake in the entity, will be treated as SC/ST proposals.

### **Eligibility Criteria**

- The combined net worth of the applicant should be at least 1.5 times of the grants-in-aid sought for from the Ministry in respect of General Areas and at least equal to the grants-in-aid sought for in respect of Difficult Areas or proposals from SC/ST

or Farmer Producer Organizations or Self-Help Groups. Provided further that in case of proposal from SC/ST category, the sum of net worth of SC/ST member(s) shall not be less than 10% of the combined net worth of the entity. Provided also that in case of proposal from Central Government (including entities/ organizations under the Central Government) or State Government (including entities/ organizations under the State Government), no net worth criteria will be applicable.

- In-principle/ final term loan sanction letter (inter alia, indicating whether proposal is for expansion/ up-gradation or a fresh proposal) from a Bank.
- Term loan from the Bank for an amount not less than 20% of the total project cost in respect of proposals from General Areas. In case of proposals from Difficult Areas or proposals from SC/ST or Farmer Producer Organizations or Self-Help Groups, term loan amount shall not be less than 10% of the total project cost.
- A detailed Appraisal Note from a Scheduled Commercial Bank specific to the project proposal. Infusion of equity of at least 20% of the total project cost for proposals from general areas and 10% of the total project cost for proposals from difficult Areas or SC/ST or Farmer Producer Organization or Self-Help Groups.
- Only one application will be accepted from an entity against an Expression of Interest under this scheme.
- Scheme Expansion/ up-gradation of existing facilities is not eligible.
- No second proposal from an entity or promoter(s) of an entity, who have availed grants-in-aid earlier under this Scheme will be entertained.
- Entities or promoter(s) of entities who have availed financial assistance under another scheme (any scheme other than the scheme under which application is being made of the Ministry will be eligible for grants-in-aid only after two years from the date of commercial operation of the previous project.

## Pattern of Assistance

- Grants-in-aid will be @35% of eligible project cost for projects in General Areas and @50% of eligible project cost for projects in Difficult Areas as well as for projects of SC/ST, FPOs and SHGs, subject to the maximum of 210 crore per project.
- No upward revision, for any reason whatsoever, in approved grants-in-aid will be considered.
- In case of proposals requesting for dropping of any of the approved components, the proportionate grants-in-aid (35% or 50%, as the case may be) approved for that particular components) shall be deducted from the approved grants-in-aid.
- No grants-in-aid shall be payable on any expenditure towards eligible components of the project, of any nature whatsoever, made before the date of issuance of approval letter by the Ministry. The same shall be verifiable from bank statement/ invoices to be submitted at the time of request for release of various instalments of grants-in-aid.
- Grants-in-aid will be considered in respect of eligible project components.
- Cost Norms issued by the Ministry or the Mission for Integrated Development of Horticulture (MIDH) under Department of Agriculture, Co-operation and Farmers Welfare of the Ministry of Agriculture & Farmers Welfare will be followed, wherever available.
- Proposals received from entities where Scheduled Caste (SC)/ Scheduled
- Tribe (ST) hold at least 51% stake, will be treated as SC/ST proposals
- If there is any reduction in stake of SC/ST below 51% during implementation of the project, such projects shall be cancelled and grants-in-aid released, if any, shall be ordered to be recovered with 10% annual interest.
- Grants-in-aid will be released subject to availability of funds.

### **3. Infrastructure for Agro-processing Clusters**

#### **Objective-**

- To create modern infrastructure for food processing closer to production areas.
- To provide integrated and complete preservation infrastructure facilities from farm gate to the consumer.
- To create effective backward and forward linkages by linking groups of producers/ farmers to food processors and markets through well-equipped supply chain's.

#### **Components of Scheme**

- **Basic enabling infrastructure**
- **Core infrastructure**

#### **Ineligible items for calculation of grants-in-aid (a)**

- Approach road
- Cost of land
- Canteen
- Quarters for workers
- Non-technical civil works not related to the components of the scheme
- Margin money, working capital and contingencies
- Fuel, consumables, spares and store
- Transport vehicles except Controlled temperature vehicles like coolers and refrigerated/ insulated/ ventilated transport
- Pre-operative expenses
- Fees Service charges, carriage and freight charges or other such charges/

- Expenditure on painting of machinery
- AC ducting, furniture, computers and allied office items.
- Closed Circuit TV Camera and security system related equipment.
- Consultancy fee, taxes, on plant and machinery.
- Stationery items
- Plant & machinery not directly related to components of the scheme
- Fly catchers, hand washer, laundry
- Reconditioned/ refurbished/ second hand/ old plant & machinery

### **Eligible Entities**

- Any organization or an individual engaged in or that plans to engage in creation/ expansion/ modernization of food processing and preservation capacities would be eligible for financial assistance under the Scheme.
- Proposals received from Scheduled Caste (SC)/ Scheduled Tribe (ST) holding at least 51% stake in the entity, will be treated as SC/ST proposals.

### **Eligibility Criteria**

- The combined net worth of the applicant should be at least 1.5 times of the grants-in-aid sought for from the Ministry in respect of General Areas and at least equal to the grants-in-aid sought for in respect of Difficult Areas or proposals from SC/ST or Farmer Producer Organizations or Self-Help Groups. Provided further that in case of proposal from SC/ST category, the sum of net worth of SC/ST member(s) shall not be less than 10% of the combined net worth of the entity. Provided also that in case of proposal from Central Government (including entities/ organizations under the Central Government) or State Government (including entities/ organizations under the State Government), no net worth criteria will be applicable.

- In-principle/ final term loan sanction letter (inter alia, indicating whether proposal is for expansion/ up-gradation or a fresh proposal) from a Bank.
- Term loan from the Bank for an amount not less than 20% of the total project cost in respect of proposals from General Areas. In case of proposals from Difficult Areas or proposals from SC/ST or Farmer Producer Organizations or Self-Help Groups, term loan amount shall not be less than 10% of the total project cost.
- A detailed Appraisal Note from a Scheduled Commercial Bank specific to the project proposal. Infusion of equity of at least 20% of the total project cost for proposals from general areas and 10% of the total project cost for proposals from difficult Areas or SC/ST or Farmer Producer Organization or Self-Help Groups.
- Only one application will be accepted from an entity against an Expression of Interest under this scheme.
- Scheme Expansion/ up-gradation of existing facilities is not eligible.
- No second proposal from an entity or promoter(s) of an entity, who have availed grants-in-aid earlier under this Scheme will be entertained.
- Entities or promoter(s) of entities who have availed financial assistance under another scheme (any scheme other than the scheme under which application is being made of the Ministry will be eligible for grants-in-aid only after two years from the date of commercial operation of the previous project.

### **Pattern of Assistance**

- Grants-in-aid will be @35% of eligible project cost for projects in General Areas and @50% of eligible project cost for projects in Difficult Areas as well as for projects of SC/ST, FPOs and SHGs, subject to the maximum of 210 crore per project.
- No upward revision, for any reason whatsoever, in approved grants-in-aid will be considered.

- In case of proposals requesting for dropping of any of the approved components, the proportionate grants-in-aid (35% or 50%, as the case may be) approved for that particular components) shall be deducted from the approved grants-in-aid.
- No grants-in-aid shall be payable on any expenditure towards eligible components of the project, of any nature whatsoever, made before the date of issuance of approval letter by the Ministry. The same shall be verifiable from bank statement/ invoices to be submitted at the time of request for release of various instalments of grants-in-aid.
- Grants-in-aid will be considered in respect of eligible project components.
- Cost Norms issued by the Ministry or the Mission for Integrated Development of Horticulture (MIDH) under Department of Agriculture, Co-operation and Farmers Welfare of the Ministry of Agriculture & Farmers Welfare will be followed, wherever available.
- Proposals received from entities where Scheduled Caste (SC)/ Scheduled Tribe (ST) hold at least 51% stake, will be treated as SC/ST proposals
- If there is any reduction in stake of SC/ST below 51% during implementation of the project, such projects shall be cancelled and grants-in-aid released, if any, shall be ordered to be recovered with 10% annual interest.
- Grants-in-aid will be released subject to availability of funds.

#### **4. Food Safety and Quality Assurance Infrastructure**

##### **Objectives-**

- To strengthen the food quality control infrastructure make it available to the food processing sector and other stakeholders.
- Ensure compliance to domestic and international food safety standards and also to reduce Turn-around Time (TAT) for analysis of food samples.

## Ineligible items for calculation of grants-in-aid

- Compound wall
- Approach road/ internal roads
- Cost of land and site development
- Administrative office building
- Canteen
- Labor rest room and quarters for workers
- Security/ guard room or enclosure
- Non-technical civil works not related to the components of the scheme
- Margin money, working capital and contingencies ( ) Fuel, consumables, spares and stores
- Transport vehicles
- Pre-operative expenses
- Service charges, carriage and freight charges or other such charges/ fees
- Expenditure on painting of machinery
- AC ducting, furniture, computers and allied office items.
- Closed Circuit TV Camera and security system related equipment.
- Consultancy fee, taxes, etc. on plant and machinery.
- Stationery items
- Plant & machinery not directly related to components of the scheme
- Fly catchers, hand washer, laundry
- Reconditioned/ refurbished/ second hand/ old plant & machinery.
- Equipment costing less than Rs. 1.00 lakh or otherwise not recommended by TSC (Techno-Scrutiny Committee).



## **Eligible entities**

Any private organization/ entity (including Joint Ventures/ Public & Private Companies/ Limited Liability Partnerships, Corporate Entity/ Proprietorship/ Partnership Entity)/ Government organization intending to set up/ upgrade its existing Food Testing Laboratory.

## **Eligibility criteria**

- In-principle/ final term loan sanction letter (inter alia, indicating whether proposal is for up-gradation or setting-up) from a Bank.
- Term loan from the Bank (in case of non-government entities) for an amount not less than 20% of the proposed total project cost in respect of proposals from General Areas. In case of proposals from Difficult Areas or proposals from SC/ST, term loan amount shall not be less than 10% of the proposed total project cost.
- Equity (in case of non-government entities) shall be at least 20% of the proposed total project cost for proposals from General Areas and 10% of the proposed total project cost for proposals from Difficult Areas or SC/ST).
- A detailed Appraisal Note from a Scheduled Commercial Bank specific to the scheme and proposal.
- An organization applying for up-gradation of FTL provided the entity has not availed grants-in-aid under the Scheme shall do so after obtaining regulatory recognition under Integrated Assessment specifying regulatory body (ies) and such proposal will be considered only if market/ regulatory changes necessitate such up-gradation.
- An entity applying for up-gradation of FTL (where the entity has once availed grants-in-aid under the same Scheme) shall be considered only after 2 years of release of final instalment of previous approved project only, if justification in respect of export requirement is submitted.
- No second proposal from an entity or promoter of an entity, who have availed grants-in-aid earlier, will be considered under the Scheme.

- Entities or promoter(s) of entities who have availed financial assistance under another scheme (any scheme other than the scheme under which application is being made of the Ministry will be eligible for grants-in-aid only after two years from the date of commercial operation of the previous project.

### **Pattern of assistance**

- Government organizations are eligible for grants-in-aid of (i) entire (100%) cost of the eligible cost of the approved equipment and 2% of the eligible cost of the approved equipment or Rs.15.00 lakh, whichever is lower, towards Technical Civil Work (TCW) and Furniture & Fixtures on lump-sum basis.
- Private organizations/ entities are eligible for grants-in-aid of (i) 50% (in General Areas)/ 70% (in Difficult Areas as well as for SC/ST applicants) of the eligible cost of the equipment (as per paragraph 3(a) above) and (i) 2% of the eligible cost of approved equipment or Rs. 15.00 lakh, whichever is lower, towards Technical Civil Work (TCW) and Furniture & Fixtures (as per paragraph 3(b) above) on lump-sum basis
- When the Ministry itself establishes Food Testing Laboratories or sponsors such projects, there would be no ceiling to financial assistance and the grants-in-aid to be provided to such FTL will be decided on case to case basis with the approval of competent authority will be considered.
- No upward revision, for any reason whatsoever, in approved grants-in-aid
- In case of proposals requesting for dropping of any of the approved components, the proportionate grants-in-aid (50% or 70% or 100%, as the case may be) approved for that particular components) shall be deducted from the approved grants-in-aid.
- The grants in aid shall not be adjusted / utilized against the expenditure made towards ineligible components of grants-in-aid before/after the issuance of

approval letter by the Ministry and same will be verified from the bank statements and invoices

- Grants-in-aid will be considered in respect of eligible project components

## **5. Human Resources and Institutions –Research & Development**

### **Objectives-**

- End product / outcome / findings of R&D work should benefit Food Processing Industry in terms of product and process development, improved preservation, packaging, storage and distribution technologies, value addition, standardization of additives, coloring agents, preservatives, pesticide residues.
- Enhancement of production, quality, consumer safety, public health and trade.

### **Eligible Institutions**

All Universities, IITs, Central/State Government Institutions, Government funded Organizations, R&D laboratories and CSIR recognized R&D units in private sector.

### **Eligible Purposes**

- Ministry supports research proposals preferably of applied nature with commercial value resulting in development of innovative products, processes and manufacturing practices, which lead to development of food processing industry in the country.
- Preference would be given to those R&D project proposals which are beneficial for SMEs and farmers, use outcome/ findings of previous R&D projects and are intended towards its commercialization.
- There should be an industrial partner associated with the project. The R&D projects would be carried out in collaboration with the industrial partner, which can take up/ purchase/ commercialize outcome of the project. However, this condition of having an industry

partner in the project, may not be applicable, if MoFPI chooses to direct IIFPT, NIFTEM or any other public body to undertake a specific research in public interest.

### **Funding Pattern**

- ✚ For the Government organizations/universities/institutions, grant is given for the following:
  - 100% of cost of equipment, consumables and expenditure related to Junior Research Fellow/Senior Research Fellow /Research Associate (JRF/SRF/RA) specific to the project of specified duration for maximum of three years.
  - The emoluments for JRF/SRF/RA engaged in the MOFPI's R&D projects will be governed as per the norms of applicant institution / but not exceeding scale laid down for the respective post by DST, ICAR, CSIR etc. Wherever, the norms of DST,ICAR,CSIR etc. have been adopted by applicant institutions, the emoluments may be revised based on notifications in this regard issued by the above agencies. Research Assistant(s)/ Project Assistant(s) may be engaged as an alternative to JRF/SRF/ Research Associate. The emoluments for such Research Assistant(s)/ Project Assistant (s) will be as per the norms of applicant institution but not exceeding the scale laid down for Junior Research Fellow (JRF) of DST. No assistance will be provided for already existing equipment.
  - Lump sum provision up-to Rs.1 Lakh for TA/ DA for project related travel like survey, data/sample collection, etc. and for attending the meetings of the Expert Committee to present the project proposal and subsequently for the project review presentation. TA/DA will be given for an approved project only.
  - Institutional Charges equal to 10% of project cost subject to maximum of Rs. 3 lakh for non-academic institutions and Rs. 5 Lakh for academic institutions.
  
- ✚ For Private organizations/universities/institutions, grant is given to the tune of 50% of equipment cost in general areas and 70% in difficult areas.

- ✚ Difficult areas include J&K, Himachal Pradesh, Uttarakhand, Sikkim, North-Eastern States, Andaman & Nicobar Islands, Lakshadweep, and Integrated Tribal Development Project (ITDP) areas.
- ✚ 100% Grant is provided for the Ministry's sponsored projects, restricted only to public funded organizations of repute, in the cases of cutting edge areas of research leading to development of innovative products, processes, manufacturing practices and technology.

## 6. Operation Greens

### *Operation Green (Short Term)*

#### **Objectives**

- The objective of the Scheme is to protect the growers of Eligible Crops from making distress sale and to reduce post-harvest losses.

#### **Eligibility Criteria**

- Crops: Following crops (other crops may be added in future on the basis of recommendation of expert bodies or Ministry of Agriculture & Farmers Welfare, Government of India or a State Government) will be eligible under the Scheme.
- Fruits: Mango, Banana, Guava, Kiwi, Litchi, Papaya, Mousambi, Orange, Kinnow, Lime, Lemon, Pineapple, Pomegranate, Jackfruit, Apple, Almond, Aonla, Passion Fruit, Pear, Sweet Potato, Chikoo and Tender & De-husked Coconut
- Vegetables: French Beans, Bitter Gourd, Brinjal, Capsicum, Carrot, Cauliflower, Chillies (Green), Okra, Cucumber, Peas, Garlic, Onion, Potato, Tomato, Large Cardamom, Pumpkin, Ginger, Cabbage, Squash and Turmeric.

**Eligible Production Cluster:** The list of districts for each crop mentioned in the report named "Horticulture Statistics at a Glance 2018" published by Ministry of Agriculture and Farmers Welfare will be Eligible Production Clusters subject to meeting the Essential Conditions. Other production clusters may be declared as Eligible Production Clusters on

the basis of recommendation of expert bodies or the Ministry of Agriculture & Farmers Welfare, Government of India or a State Government.

**Duration of Scheme:** From the date of notification to 31.03.2026 or till further orders.

**Eligible entities:**

Individual farmers, Group of Farmers, FPOs, FPCs, Co-operative Societies, State Marketing/ Co-operative Federation, Food Processors, Licensed Commission Agent, Exporters and Retailers etc.

**Pattern of Assistance:**

The Ministry will provide subsidy @50 % of the cost of the following two components, subject to the cost norms notified by the Ministry:

- (i) Transportation of Eligible Crops from Eligible Production Cluster; and/or
- (ii) (ii) Hiring of appropriate storage facilities for Eligible Crops (for maximum period of 3 months)

***Operation Green (Long Term)***

**Objectives**

- Enhancing value realization of farmers by targeted interventions to strengthen production clusters and FPOs, and linking/ connecting the farmers with the market.
- Reduction in post-harvest losses by creation of farm gate infrastructure, development of suitable agri-logistics, creation of appropriate storage capacity linking consumption centers.
- Increase in food processing capacities and value addition in value chain by creating firm linkages with identified production clusters.

## **Project Components**

- Integrated Value Chain Development Projects
- Standalone Post-Harvest Infrastructure Projects
- Quality Production

## **Eligible Entities**

State Agriculture Federations, State Marketing Federations, Farmer Producer Organizations (FPO), cooperatives, Self-help groups (SHGs), companies, food processors, logistic operators, service providers, supply chain operators, retail chains, wholesale chains, Central Government (including entities/ organizations under the Central Government) and State Governments (including entities/ organizations under the State Government) will be eligible to avail financial assistance under the Scheme.

## **Pattern of Assistance**

- Integrated Value Chain Development Projects: Maximum grants-in-aid would be 15 crore per project.
- Standalone Post Harvest Infrastructure Projects: Maximum grants-in-aid would be 10 crore per project.
- Grants-in-aid will be @35% of eligible project cost for projects in General Areas and @50% of eligible project cost for projects in Difficult Areas as well as for projects of SC/ST, FPOs and SHGs
- No upward revision, for any reason whatsoever, in approved grants-in-aid will be considered
- In case of proposal<sup>1</sup> requesting for dropping of any of the approved components, the proportionate grants-in-aid (35% or 50%, as the case may be) approved for that particular components) shall be deducted from the approved grants-in-aid.
- No grants-in-aid shall be payable on any expenditure towards eligible components of the project, of any nature whatsoever, made before issuance of approval letter by the Ministry. The same shall be verifiable from bank statement/ invoices to be submitted at the time of request for release of various instalments of grants-in-aid.

