

Revised in 2018-19

SUB-MISSION ON AGRICULTURAL MECHANIZATION

OPERATIONAL GUIDELINES



Government of India

Ministry of Agriculture and Farmers Welfare

Department of Agriculture, Cooperation & Farmers Welfare

(Mechanization & Technology Division)

Krishi Bhavan, New Delhi-110001

(Revised in 2018-19)

#F#####F#

TABLE OF CONTENTS		
S.N.	Contents	Page No.
1.0	Introduction	
2.0	Mission Objectives	
3.0	Mission strategy	
4.0	Mission Components	
5.0	Position of ongoing schemes	
6.0	Mission Structure	
6.1	National level	
6.2	Executive Committee	
6.3	State Level	
6.4	District level	
6.5	Role of Panchayati Raj	
7.0	Procedure for Approvals and Fund Flow Mechanism	
7.1	AAP Submission	
8.0	Monitoring	
9.0	Impact Assessment, Periodic Evaluation and Reporting	
10.0	Expected Outcomes	
11.0	Interventions	
11.1	Central Sector Components	
11.1.1	Implementing Agencies for Central Sector Components	
11.1.2	Training	
11.1.3	Testing	
11.1.4	Demonstration	
11.1.5	Establishment of Post Harvest Technology	
11.2	Interventions under Centrally Sponsored Schemes	
11.2.1	Financial Assistance for Procurement of Agriculture Machinery & Equipment	
11.2.2	Farm Machinery Banks for Custom Hiring	
11.2.3	Hi-tech, High Productive Equipment Hub for Custom Hiring	
11.2.4	Promotion of Farm Mechanization in Selected Villages	
11.2.5	Assistance for Mechanized Operations	
11.2.6	Promotion of Farm Machinery & Equipments in North – Eastern	
11.2.7	Exposure visits	
12.0	Activity Mapping	
Annexure-I	Activity Mapping for effective devolution of funds, functions and functionaries under Sub Mission on Agricultural Mechanization	
Annexure-II	Cost Norms and Pattern of Assistance under Sub Mission on Agricultural Mechanization (SMAM) During 12 th Plan	
Annexure-II (a)	Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration	
Annexure-II (b)	Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)	
Annexure-II (c)	Financial Assistance for Procurement of Agriculture Machinery and Equipment	
Annexure-II (d)	Establish Farm Machinery Banks for Custom Hiring	

Annexure-II (e)	Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring	
Annexure-II (f)	Promotion of Farm Mechanization in Selected Villages	
Annexure-II (g)	Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres	
Annexure-II (h)	Promotion of Farm Machinery and Equipment in North-Eastern Region	
Annexure-III	Formula to Calculate Farm Power Availability	
Annexure-IV	List of Training Programmes conducted at Farm Machinery Training & Testing Institutes	
Annexure-V	List of institutions approved by Department of Agriculture & Cooperation, Ministry of Agriculture for Testing and Certifying Agricultural Machineries and Equipments	
Annexure-VI	Testing Charges	
Annexure-VII	Format for Annual Action Plan	
Annexure-VIII	Form of Utilization Certificate	
Annexure-IX	Format for Quarterly /Annual Progress Report	

ABBREVIATIONS

AAP	Annual Action Plan
A&C	Agriculture & Cooperation
ADC	Additional Commissioner
ADG	Assistant Director General
ADM	Additional District Magistrate
AICRP	All India Coordinated Research Project
ATMA	Agricultural Technology Management Agency
BIS	Bureau of Indian Standards
CCEA	Cabinet Committee on Economic Affairs
CFMTTI	Central Farm Machinery Training & Testing Institute
CHC	Custom Hiring Centers
CIPHET	Central Institute of Post Harvest Engineering & Technology
CMVR	Central Motor Vehicle Rules
CSAM	Centre for Sustainable Agricultural Mechanization
CSIR	Council of Scientific and Industrial Research
DAC&FW	Department of Agriculture, Cooperation & Farmers Welfare
DC	Deputy Commissioner
DD(A)	Deputy Director (Agriculture)
DDG	Deputy Director General
DLEC	District Level Executive Committee
EC	Executive Committee
EE(A)	Executive Engineer (Agriculture)
EFC	Expenditure Finance Committee
FMTTI	Farm Machinery Training & Testing Institute
FPO	Farmer Producer Organization
GFR	General Financial Rules
GOI	Government of India
ha	Hectare
HP	Horse Power
ICAR	Indian Council of Agricultural Research
ICRISAT	International Crop Research Institute for Semi-Arid Tropics
ICT	Information Communication Technology
IRRI	International Rice Research Institute
JD(A)	Joint Director (Agriculture)
JICA	Japan International Cooperation Agency
KVK	Krishi Vigyan Kendra
kW	Kilo-Watt
M&T	Mechanization & Technology
MIDH	Mission for Integrated Development of Horticulture
MIP	Mission Integration Planning
MIS	Management Information System
NABARD	National Bank for Agriculture & Rural Development
NERFMTTI	North Eastern Region Farm Machinery Training & Testing Institute
SMAM	National Food Security Mission

NIAE	National Institute of Agricultural Engineering
NMOOP	National Mission on Oil Seeds & Oil Palms
NRFMTTI	Northern Region Farm Machinery Training & Testing Institute
NSC	National Steering Committee
PHT	Post Harvest Technology
PHTM	Post Harvest Technology & Management
PPP	Public Private Partnership
PRI	Panchayati Raj Institutions
PSU	Public Sector Undertaking
PTO	Power Take Off
QPR	Quarterly Progress Report
R&D	Research & Development
RKVY	Rashtriya Krishi Vikas Yojana
SAU	State Agricultural University
SC	Scheduled Caste
SFAC	Small Farmers Agri-Business Consortium
SHG	Self Help Groups
SLEC	State Level Executive Committee
SMAM	Sub-Mission on Agricultural Mechanization
SRFMTTI	Southern Region Farm Machinery Training & Testing Institute
ST	Schedule Tribes
TSP	Tribal Sub Plan
UG	User Groups
UT	Union Territory
WD	Wheel Drive

SUB-MISSION ON AGRICULTURAL MECHANIZATION OPERATIONAL GUIDELINES

1.0 Introduction

- (i) Agricultural land area in the world has limit, but the demand for food is ever increasing due to population growth. To increase productivity in the limited land so as to meet the expanding demand arising from population growth as well as higher income is very important mission.
- (ii) The task assumes greater importance to India, than the rest of the world considering that India accounts for 2.4% of the world's geographical area and 4% of its water resources, but has to support 17% of the world's human population and 15% of the livestock.
- (iii) To increase productivity, timely and precise field work is necessary. To make it possible, agricultural machines take an important role.
- (iv) Among the states, farm power availability in Punjab, Haryana, Western Uttar Pradesh and western part of Rajasthan is higher than the National average of 2.02 kW/ha. In rest of the country, especially in Eastern and North-East Regions, it is significantly lower which necessities promotion of farm mechanization as a special Mission.
- (v) Sub Mission on Agricultural Mechanization (SMAM) will be implemented in accordance with guidelines described hereunder.
- (vi) The scheme will be implemented in all the states, to promote the usage of farm mechanization and increase the ratio of farm power to cultivable unit area up to 2.5 kW/ha.
- (vii) SMAM will have Central Sector Schemes under component No.1 & 2 in which Government of India contributes 100%. Centrally Sponsored Schemes are covered under component No. 3 to 8 including Administrative and Flexi funds in which Government of India contributes 60% and states contribute 40% except North eastern states and Himalayan regions states where it is 90 % (Central Share) and 10% (State Share). For Union Territories, it is 100% centre share.

2.0 Mission Objectives

The Mission objectives are as follows:

- (i) Increasing the reach of farm mechanization to small and marginal farmers and to the regions where availability of farm power is low;
- (ii) Promoting 'Custom Hiring Centres' to offset the adverse economies of scale arising due to small landholding and high cost of individual ownership;
- (iii) Creating hubs for hi-tech & high value farm equipments;

- (iv) Creating awareness among stakeholders through demonstration and capacity building activities;
- (v) Ensuring performance testing and certification at designated testing centers located all over the country.

3.0 Mission Strategy

To achieve the above objectives, the Mission will adopt the following strategies:

- (i) Conduct performance testing for various farm machineries and equipments at the four Farm Machinery Training and Testing Institutes (FMTTIs), designated State Agricultural Universities (SAUs) and ICAR institutions;
- (ii) Promote farm mechanization among stakeholders by way of on-field and off-field training and demonstrations.
- (iii) Provide financial assistance to farmers for procurement of farm machinery and implements
- (iv) Establish custom hiring centres of location and crop specific farm machinery and implements
- (v) Provide financial assistance to small and marginal farmers for hiring machinery and implements in low mechanized regions.

4.0 Mission Components

4.1 Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration: Aims to ensure performance testing of agricultural machinery and equipment, capacity building of farmers and end users and promoting farm mechanization through demonstrations.

4.2 Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM): Aims at popularizing technology for primary processing, value addition, low cost scientific storage/transport and the crop by-product management through demonstrations, capacity building of farmers and end users. Provides financial assistance for establishing PHT units.

4.3 Financial Assistance for Procurement of Agriculture Machinery and Equipment: Promotes ownership of various agricultural machinery & equipments as per norms of assistance.

4.4 Establish Farm Machinery Banks for Custom Hiring: Provides suitable financial assistance to establish Farm Machinery Banks for Custom Hiring for appropriate locations and crops.

4.5 Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring: Provides financial assistance to set up hi-tech machinery hubs for high value crops like sugarcane, cotton etc.

4.6 Promotion of Farm Mechanization in Selected Villages: Provides financial assistance to promote appropriate technologies and to set up Farm Machinery Banks in identified villages in the states.

4.7 Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres: Provides financial assistance on per hectare basis to the beneficiaries hiring machinery/equipments from custom hiring centres in low mechanized areas.

4.8 Promotion of Farm Machinery and Equipment in North-Eastern Region: Extends financial assistance to beneficiaries in high-potential but low mechanised states of north-east.

5.0 POSITION OF ONGOING SCHEMES

Farm Mechanization programmes are also being implemented through other missions/schemes such as RKVY, MIDH, NMOOP & SMAM, which would continue to be implemented subject to these guidelines. The Central Sector schemes ‘Promotion and Strengthening of Agricultural Mechanisation through Training, Testing and Demonstration’ and ‘Post Harvest Technology & Management’ stand merged with this Sub-Mission.

6.0 Mission Structure

6.1 National Level

The Mission will have a National Steering Committee (NSC) under Chairmanship of Secretary (AC&FW), with following composition:

Secretary, Department of Agriculture, Cooperation & Farmers Welfare	Chairman
Additional Secretary & Financial Advisor, DAC&FW	Member
Additional Secretary (M&T) , DAC&FW	Member
Joint Secretary (RKVY) , DAC&FW	Member
Joint Secretary (MIDH), DAC&FW	Member
Joint Secretary (Crops), DAC&FW	Member
Joint Secretary (M&T),DAC&FW & Mission Director	Member Secretary
DDG (Engg.) ICAR, Agriculture Commissioner, Horticulture Commissioner, ADC(M&T), DC (M&T), Directors FMTTIs	Experts Members

NSC will be the policy formulating body giving overall direction and guidance to the Mission, and will monitor and review its progress and performance. It will be empowered to lay down and amend operational guidelines, other than those affecting financing pattern. NSC shall meet at least two times in a year.

6.2 Executive Committee

The Executive Committee (EC) will comprise of the following members:

Additional Secretary (M&T)	Chairman
Joint Secretary (M&T), DAC&FW	Member Secretary
ADG(Engg), ADG(P.Engg.) ICAR, ADC(M&T), ADC(Crops), ADC(Horticulture), DC(M&T) and Director, CFMTTI Budni	Experts Members

- (i) EC will oversee activities of the Mission and approve Action Plans of various states in accordance with the prescribed norms.
- (ii) EC is empowered to reallocate resources across States/Uts from available saving (unutilized funds) out of annual action plan allocation and components and approve projects on the basis of approved financial assistance norms. EC will use its discretion in approving only those components of a project, for which cost norms/pattern of financial assistance have been approved by the EFC/CCEA.
- (iii) EC is also empowered to approve special interventions under flexi funds but within the approved components of SMAM and subject to ratification by National Steering Committee. EC will ensure smooth functional linkages among different agencies. EC shall meet as frequently, as required.
- (iv) EC is also empowered to include or delete any agricultural machinery /implements from the list available for financial assistance
- (v) M&T Division in DAC&FW will provide necessary technical support to EC to administer the scheme as under:
 - a) Indicate tentative provisions for each component at the beginning of Financial Year (March- April) to facilitate the States in preparing Annual Action Plan (AAP) as per format at Annexure -VII.(Separately for General component , SCP component and TSP component)
 - b) Visit the states regularly and frequently to provide guidance in organizational and technical matters.

- c) Help in the implementation, monitoring and evaluation of various interventions in the mission and provide feedback reports to the Mission Director
- d) Compile materials for capacity building, conduct and participate in the promotional events such as, workshops/seminars/exhibitions on different subjects in different regions of the country.
- e) Undertake publicity/information campaign to create awareness on farm mechanization, document and disseminate the success stories.
- f) Assist the State Agencies in concurrent evaluation based on performance indicators
- g) Assess state-wise farm power status, availability and existing gap and identify the future requirements
- h) Prepare the agenda for the EC and NSC meetings
- i) 1% of annual outlay of the Sub-Mission will be earmarked for incurring administrative and other contingent expenses towards the above.

6.3 State Level

6.3.1 The State Level Executive Committee (SLEC) will comprise of the following:

Agricultural Production Commissioner/ Principal Secretary	Chairman
Director (Agriculture)/Director (Agricultural Engineering)	Member Secretary
Director (Horticulture)	Co-Member Secretary
Representatives of SAUs/ICAR/Other line Departments	Experts Members

The Committee's main function will be to vet the Annual Action Plan prepared by the State nodal department for implementation of the Sub-Mission. The SLEC will oversee the implementation of mission Components of the respective States through regular meetings with the nodal and other line department. It will also provide inputs to the Executive Committee for appropriate policy formulation.

6.3.2 Department of Agriculture or Dept. of Agricultural Engineering, wherever available, shall be the nodal department at the State level for implementation of this Mission. It will provide necessary support to SLEC and will have the following functions:

- (i) Prepare Mission Implementation Plan (MIP) for entire plan period for achieving the farm power availability to 2.5 kW/ha, primarily

focusing on increasing farm mechanization with location specific advantages and easier adaptability for improved production and productivity.

- (ii) List districts as per the farm power availability as per formula at Annexure-III. Select the districts under AAP as per objective criteria
- (iii) Prepare indicative list of machines & equipment which should not be eligible for subsidy under the Mission. While preparing the negative list, State should consider various aspects including fact whether an equipment/machinery can be run commercially without subsidy.
- (iv) Utilize, to the extent possible, services of Subject Matter Specialist (Agricultural Engineering) available with State Government, KVKs, SAUs and ICAR institutes functioning in the State in the mission programmes.
- (v) Prepare annual State Level Action Plan in consonance with Mission's goals and objectives as per the format at Annexure-VII taking into account tentative outlay of State as communicated by DAC at the beginning of Financial Year (March- April).
- (vi) 16.60% of the total allocation for SCP and 8.60 % for TSP will be earmarked. The allocation to SC/ST farmers will be made proportionate to their population in the district. 30% of allocation will be earmarked to the woman beneficiary. Utilize at least 50% of the allocation for small and marginal farmers.
- (vii) 25% of the AAP allocation for the States and 30 % for the UTs would be earmarked as flexi-fund to meet the following objective:
 - a) To provide flexibility to States to meet local needs and requirement within the overall objective of SMAM;
 - b) To pilot innovations and improved efficiency within the overall objective of the Scheme and its expected outcomes;
 - c) To undertake mitigation/restoration activities in case of natural calamities in the farm mechanization sector.
- (viii) Participation of the DAC&FW's representative would be mandatory in the SLSC before the flexi-fund facility is invoke under SMAM
- (ix) Enlist manufacturers/suppliers who have tested their products either from FMTTIs or any identified institute by DAC&FW and empanel the agricultural machinery and equipment on the basis of quality inspection and field performance evaluation for supply under various components of SMAM. A State Technical committee for evaluation of the agricultural machinery and equipment may be constituted for empanelment.

- (x) Ensure suitable integration of AAP with other schemes like Rashtriya Krishi Vikas Yojna (RKVY), National Food Security Mission (SMAM) and Mission for Integrated Development of Horticulture (MIDH) etc.
- (xi) Compile District wise Action plan into State Action Plan and submit to the State level committee for approval and thereafter forward the same to EC.
- (xii) Receive funds from DAC&FW for implementing organizations and oversee, monitor & review implementation of the programmes
- (xiii) Organize workshops, seminars and training programmes for all interest groups/associations at State level.
- (xiv) Operationalize Information Communication Technology (ICT) enabled management system upto grassroot level.
- (xv) The Dangerous Machines(Regulation) Act, 1983, Act No. 35, year 1983 has been repealed by Government of India vide Gazette of India Notification no. 4 of 2018 dated 5.1.2018. Hence, to look into the safety aspects of the farmers/operators while operating various agricultural machinery, it is advised that at the time of distribution of various agricultural machinery through subsidy and also otherwise the farmers may be suitably encouraged to obtain “Pradhan Mantri Suraksha Bima Yojna” for himself/herself and also for the actual operator who operates his/her agricultural machinery. “Pradhan Mantri Suraksha Bima Yojna” which covers the various benefits to the person insured like death, total irrecoverable loss of eyes, hand or feet etc. during operation of any agricultural machinery. It can be extended also under “Pradhan Mantri Jeevan Jyoti Bima Yojana” which provides coverage in case of death due to any reason for persons between the age group of 18 to 50 years.
- (xvi) Conduct independent evaluation to assess the performance of the Mission in their States.
- (xvii) 1% of total allocation to the State may be earmarked for administrative and other contingent expenses. Expenditure in excess of 1% limit will be met by the States from their own resources.

6.4 District Level

6.4.1 The District Level Executive Committee (DLEC) will comprise of the following:

Collector	Chairman
Dy. Director (Agriculture)/Executive Engineer /Assistant Engineer (Agricultural Engineering)	Member Secretary

District Agriculture/Horticulture Officer	Co-Member Secretary
Representatives of line Departments, SAUs/ICAR, nominated progressive farmers, representatives from SHG, Project Director ATMA, representatives from lead banks/NABARD	Experts Members

6.4.2 DLEC will be responsible for carrying forward the objectives of the Mission for project formulation, implementation and monitoring. The office of DD (A)/JD (A) / EE (A) shall be the district nodal agency with following functions:

- (i) Identify the areas of low ratio of farm power availability /areas with large number of small and marginal holdings for implementation of farm mechanization components.
- (ii) Identify beneficiaries (Farmers, Self Help Groups (SHGs), User Groups, Cooperative Societies, Farmer Producer Organizations (FPOs) and Entrepreneurs) to avail the benefits of SMAM in transparent and time bound manner. Identify entrepreneurs/SHGs to establish custom hiring centres.
- (iii) Tie up with the Banks for credit requirements of the beneficiaries
- (iv) Ensure that the benefits under various schemes of DAC such as RKVY, MIDH, NMOOP, SMAM etc. are not extended repeatedly to the same beneficiary.
- (v) Prepare district AAP with physical and financial targets under each component.
- (vi) Utilize online application software for the entire process of identification and selection of beneficiary, processing of applications and disbursement of financial assistance to the beneficiary after ensuring the proof of procurement of equipment/inputs as per provisions and norms.
- (vii) Receive funds from State Nodal Department for implementing the programmes.
- (viii) Make efforts for direct transfer of financial assistance to the farmers/beneficiary on the basis of ADHAR No. wherever infrastructure is functional in the district.
- (ix) Monitor & display details of approved programme, all activities undertaken and name of beneficiaries, expenditure incurred etc. at the Panchayat Bhavan/prominent public place in the cluster/village level and get it placed before the concerned Gram Sabha annually from the point of social audit.

- (x) Study the impact on production and productivity after the implementation of the programmes and forward the reports to the State nodal Department.
- (xi) The Dangerous Machines(Regulation) Act, 1983, Act No. 35, year 1983 has been repealed by Government of India vide Gazette of India Notification no. 4 of 2018 dated 5.1.2018. Hence, to look into the safety aspects of the farmers/operators while operating various agricultural machinery, it is advised that at the time of distribution of various agricultural machinery through subsidy and also otherwise the farmers may be suitably encouraged to obtain “Pradhan Mantri Suraksha Bima Yojna” for himself/herself and also for the actual operator who operates his/her agricultural machinery. “Pradhan Mantri Suraksha Bima Yojna” which covers the various benefits to the person insured like death, total irrecoverable loss of eyes, hand or feet etc. during operation of any agricultural machinery.

6.4.3 ICAR institutes /SAUs and KVKs functioning in the district will provide technical support in formulation of the district action plan, its implementation and monitoring. The technical staff will be sourced from these organizations for imparting training to the farmers and extension personnel.

6.5 Role of Panchayati Raj Institutions (PRIs)

- (i) The State Government and other designated implementing agencies, to the extent possible, will ensure active participation of the Panchayati Raj Institutions (PRIs) in the implementation of this Mission.
- (ii) PRIs may also be involved in publicizing the demonstrations and training of farm equipment and in ensuring participation of farmers from nearby areas for widespread dissemination of technology.

7.0 Procedure for Approval & Fund Flow Mechanism

7.1 AAP submission: AAP duly approved by SLEC along with the minutes of SLEC, shall reach DAC for examination, deliberation and final approval. M&T Division in DAC&FW will examine AAP before it is placed before the EC for consideration, sanction and approving allocation of funds to States.

7.2 DAC&FW will allocate the funds to the State and Implementing Agencies based on the following parameters:

- a) 50% weightage to the proportion of states cultivable area to total cultivable area of the country; and

- b) 50% weightage to the proportion of state area under small and marginal holdings to total area under small and marginal farmers in the country.
- c) Release of flexi-funds would be made on a pro-rata basis along with normal releases of SMAM. In other words, no separate system for release or for utilization certificate for flexi-funds would be required.
 - (i) Funds would be released to the States /Implementing Agencies as per the Rule 238 of GFRs 2017.
 - (ii) The release of the first installment will be upon the approval of AAP and release of 2nd installment on submission of Utilization Certificate for at least 50% of the funds released as first installment, detailed Physical and Financial Report etc. as per relevant provisions of GFRs.
 - (iii) Only 10% of the total unspent balance will be allowed to be carried over to the next financial year. The remaining unspent balance will be adjusted in the amount to be released as 2nd installment.
 - (iv) In case a State Government /Implementing agency does not seek release of the 2nd installment, the unspent balance over and above 10% will be deducted from the release of 1st installments during the next fiscal.
 - (v) No release of 2nd installments would be made after January, only the re-allocated funds will be released to the better performing States. These measures would help in timely and optimum utilization of resources.

7.3 (a) From April, 2015, DAC&FW will only transfer funds electronically to the State Governments and Institutions. The department will prepare a digitized list of all implementing agencies for the same and for the same and for this purpose PFMS of CGA will be used.

(b) Respective State Governments and Institutions shall ensure that cash component under this Sub Mission is transferred electronically to each beneficiary (Individual or Institutions).The list shall be provided to the DAC&FW after transfer of benefit directly to the beneficiaries accounts.

(c) It would be ensured by the State Government that no eligible beneficiary suffers for want to Aadhar and it would be with the State Governments responsibility to ensure that Aadhar and it would be with the State Governments responsibility to ensure that Aadhar enrolment of such beneficiaries is carried out on priority at the permanent enrolment centres set up for the purpose .However, the benefits will not be denied for not having the Aadhar number by the eligible beneficiary.

8.0 Monitoring

- (i) The Mission envisages a coordinated approach for monitoring and evaluation with active involvement of implementing agencies, beneficiaries and other stakeholders.
- (ii) A combination of periodic desk review, field visits and web-based mechanism will be adopted for releasing funds, monitoring physical and financial progress and monitoring the progress of other Mission interventions at National level by Mechanization and Technology Division (M&T) in the DAC&FW.
- (iii) All implementing agencies will ensure that a report regarding utilization of funds released to them and the physical and financial progress of the SMAM are submitted to DAC&FW regularly, as per prescribed Performa at Annexure VIII (A for States Govt. only and B for autonomous body) and IX (Separately for General, SCP and TSP Component) respectively.

9.0 Impact Assessment, Periodic Evaluation and Reporting

- (i) DAC&FW will evaluate efficacy of this Mission on a 'Two yearly' basis through a 'third party'. The agency will assess the efficacy, performance, outcome and shortcomings of the Mission and recommend suitable corrective measures.
- (ii) Information and communication technology will be deployed extensively for ensuring transparency in the implementation process and effective monitoring of the Mission programme.

10.0 Expected Outcome

The Mission envisages inclusive growth of farm mechanization in the country in the next five years in terms of farm power availability, human resource development, and productivity and quality assurance of agricultural machinery.

11.0 Interventions

Interventions proposed under the eight components under SMAM are given below whereas norms of financial assistance are summarized in Annexure-II.

11.1 Central Sector components namely,

- (a) Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration; and**
- (b) Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)**

Will have the following interventions:

- (i) Training in field of farm mechanization & post harvest management
- (ii) Testing of agricultural machines and equipments for performance evaluation
- (iii) Demonstration of newly developed agricultural/horticultural equipments and post harvest technologies at farmers' fields.
- (iv) Establishment of post harvest technology for primary processing in the production catchments

11.1.1 Implementing Agencies for Central Sector Components

Training	<ul style="list-style-type: none"> 1) FMTTIs 2) State identified institutions 3) ICAR institutions 4) ATMA institutions 5) National Innovation Foundation (NIF)
Testing	<ul style="list-style-type: none"> 1) FMTTIs 2) Identified State Testing Centres 3) Other Government/ICAR institutions
Demonstration	<ul style="list-style-type: none"> 1) FMTTIs 2) State Governments 3) ICAR 4) ATMA 5) PSUs of GOI 6) National Innovation Foundation (NIF)
Establishment of PHT	<ul style="list-style-type: none"> 1) State Governments

The implementing agencies will have the following functions:

- (i) Annual Action Plans of components 'Training', 'Testing' & 'Demonstration' will be prepared by FMTTIs and ICAR as per Annexure-VII and submit the same to the M&T Division of DAC&FW for approval of EC
- (ii) Identified State Testing Centres will submit their action plans with regard to 'Testing' component to the state nodal agency for incorporating in State AAP as per Annexure-VII
- (iii) State identified institutions & ATMA institutions will submit their action plans with regard to 'Training' & 'Demonstration' components to the state nodal agency for incorporating in State AAP as per Annexure-VII.
- (iv) For the component of 'Establishment of Post Harvest Technology', State Governments will incorporate the requirements in AAP as per Annexure-VII

- (v) All the implementing agencies will operationalize ICT enabled MIS for effective and transparent implementation/monitoring of the components being implemented by them.

11.1.2 Training:

- (a) Implementing Agencies:** FMTTIs, State identified institutions, ICAR & ATMA institutions , National Innovation Foundation (NIF)
- (b) Training Calendar:** FMTTIs and identified institutions for outsourcing of training will publish annual training calendar separately for Training Programmes under Annexure IV-A & IV-B on their websites and communicate to all the State Governments, ATMA agencies and implementing agencies. Publicity of the training programmes will also be made through the print and other electronic media on quarterly basis. The training component in the AAP will be integrated with ATMA programmes.
- (c) Beneficiaries: For all Skill Development Programmes under Annexure- IV-A & IV -B** District nodal agencies will identify and sponsor beneficiaries such as Farmers, Members of SHGs, FPOs, rural youth and other entities on receipt of training calendar. If required, the training institutions will also invite applications for specific courses from the targeted district under the State AAP.

Trainers, Officials of State Governments, Technicians, Entrepreneurs and Manufacturers etc. will apply to the respective FMTTIs for appropriate courses.

- (d) Training Courses:** FMTTIs will conduct training programmes as per Annexure-IV-A & IV B (Aligned to NSQF)

The State identified institutions will conduct user level training programmes Annexure- IV-A.

Training in post-harvest management will also be a part of training calendar. The training courses will be designed by the implementing agencies in consultation with CIPHET Ludhiana and AICRP Centres in the region.

- (e) Financial assistance under all the Skill Development Training Programmes as given under Annexure- IV-A (User level courses) & IV B (Aligned to NSQF) organized at FMTTIs, will be applicable as per Gazette Notification dated 8- 14 August, 2015 of Ministry

of Skill Development and Entrepreneurship as per details given below.

i. Boarding and Lodging Charges (For all implementing Agencies: For FMTTIs, State identified institutions, ICAR institutions, ATMA institutions, National Innovation Foundation (NIF))

Trainees admitted/Sponsored by State Nodal agencies will reimburse Boarding and Lodging Costs as per the table below:

X categories Cities/ Town per day per Trainee	Rs 300
Y categories Cities/ Town per day per Trainee	Rs.250
categories Cities/ Town per day per Trainee	Rs.200
Rural areas and any area not notified as a Municipal / town Area	Rs.175

ii. Travelling Expenses

(a) Trainees from an area other than Special Area:

➤ **For FMTTIs:**

Travel expenses to the trainees admitted in these courses will be paid on actual basis by ordinary mode of transport from their place of residence to the training institute and back.

➤ **For State identified institutions, ICAR institutions, ATMA institutions , National Innovation Foundation (NIF):**

Actual to and fro travel expenses by ordinary mode of transport in ordinary class, up to maximum of Rs. 500/- per trainee for other Institutions

(b) Trainees Special Area (for all implementing Agencies)

For candidates from special area undergoing training outside such special area, to and fro cost as per actual subject to a maximum of Rs 5000 per trainee shall be payable for:

- Residential Training, and/or
- In respect of Skill Development programmes where trainees from special areas(as defined herein)are trained outside these special areas, and/or
- Training Programmes anywhere in the country where women trainees have to travel more than 80 kms from their homes to reach the nearest training centre and who are availing of boarding and lodging arrangements made for them.Upon successful completion of non-residential skill training programmes, and after certification, all women candidates as well as persons with disability will be reimbursed the cost incurred in travelling to and from the training centre at the following rates.

Reimbursement of Conveyance Costs per month.	Amount (in Rs.)
1) Training Centre within District of domicile	1000/-
2) Training Centre outside District of domicile	1500/-

iii. Institutional Charges:

A. Base Cost

For State identified institutions, ICAR institutions, ATMA institutions

The Base Cost for the different Sectors will be as under:

- Rs,38.50 per hour of training for trades/sectors listed in Category1 of SCHEDULE-II
- Rs.33/- per hour of training trades/sectors listed in Category II of SCHEDULE-II
- Rs.27.50 per hour of training trades/sectors listed in Category III of SCHEDULE-II

Cost would be subject to periodic enhancement of 10 % annually or as decided by Common Norms Committee provided minimum duration between any 2 revisions would be at least 6 months

B. Third Party Certification & Assessment Cost

For FMTTIs, State identified institutions, ICAR institutions, ATMA institutions

To ensure independent and unbiased assessment and certification of trained candidates, cost for certification and assessment would be payable to an independent third party authorized for conducting assessments and certifications. The amount shall be over and above the Base cost and shall range from Rs 600 to Rs 1500 per candidate as decided by individual Ministries/Departments.

C. Post Placement Support

For FMTTIs, State identified institutions, ICAR institutions, ATMA institutions

In order to enable the newly skilled persons to settle into their new job/vocations, Post placement support would be provided directly to the candidate at the rate of Rs 1500 per month for the following durations;

Post placement Support @ Rs 1500 per month	Men	Women
Placement within district of domicile	01 months	02 months
Placement outside district of domicile	02 months	03 months

(f) Monitoring and evaluation

All implementing agencies will monitor the outcome of training in terms of employment generation, self-employment, improvement in productivity/skills etc.

11.1.3 Testing:

(a) Implementing Agencies: FMTTIs, Identified State Testing Centres, Other Government/ICAR institutions

(b) Beneficiaries: Manufacturers/applicants of agricultural machines, R&D institutions engaged in development of farm machinery.

(c) Standards: Testing will be carried out as per relevant Indian Standards of BIS. If, the Indian Standard for any machine is not available, the testing may be carried out as per any other relevant International standard. Based on these standards test codes will be applied for various categories of agricultural machinery and implements. All such test codes will be communicated by the M&T Division of DAC&FW to all the centres for uniform procedures of testing.

(d) Implementation:

- (i) The State Government shall evolve their own system /test centers to ensure the quality of the agricultural implements and tool costing less than Rs.35,000 (Rupees Thirty five thousand) before they are supplied under Government assistance programmes.
- (ii) If consider appropriate, the State Government insist the test report of any FMTTI or designated testing of DAC&FW from manufacturer/supplier of the agricultural implements and tools costing less than Rs. 35000(Rs. Thirty five Thousand)or a system of self certification for the desired specification/ quality/ performance of agricultural implements and tools may be accepted from manufacturers or supplier.
- (iii) The agricultural implements and tools costing less than Rs. 35000.00 (Rs. Thirty five thousands) as at SI.No (i) above covers only hand tools, garden tools, animal drawn/manually / tractor drawn implements required for land preparation/ sowing and planting/ intercultivation/ harvesting and threshing/ transportation operations.
- (iv) All types of self propelled agricultural implements/ equipments/ machinery and all types of plant protection equipments are not covered in clause no.(i) and (iii) above.
- (v) A system of random pre/post dispatch checks of above agricultural implements and tools being promoted through Government programme shall be evolved by the State Government. If the situation warrants randomly picked up agricultural implements and tools shall be tested/ retested from any FMTTI or any designated testing center of DAC&FW for asserting their specifications, performance and quality.
- (vi) The testing of agricultural implements, tools and machinery costing more than Rs. 35000.00 (Rs. Thirty five thousands) from the FMTTIs or designated testing centres of DAC&FW as specified is mandatory, before they are supplied under Government assisted programmes.

- (vii) CFMTTI, Budni will test tractors, power tillers, combine harvesters, and other self-propelled machines. It will also test tractors, power tillers, combine harvesters, agricultural trailers, engines for mass emission of exhaust gasses and other machines for compliance under CMVR,
- (viii) NRFMTTI, Hissar will test Combine harvesters, plant protection equipments, irrigation pumps, diesel engines and other self propelled crop production equipments and machines. It will also test combine harvesters for compliance under CMVR.
- (ix) SRFMTTI, Garladinne will test power tillers, self-propelled machines/equipments, including power drawn agricultural machines and equipments.
- (x) NERFMTTI, Biswanath Chariali (Assam) will test power drawn agricultural machines and equipments including non-self-propelled agricultural equipments in order to meet requirements of manufacturers of Eastern and North Eastern Region.
- (xi) The identified institutions as per Annexure –V or the institutions as may be recognized in future shall test all non-self-propelled agricultural machines/equipment (and other specialized equipments as per separate notification to individual center).

(e) Testing charges: All the testing institutions will follow the testing charges fixed by DAC&FW as per Annexure VI (as revised from time to time). GST on the testing charges will be as per the applicable rates. The testing charges received will be deposited in the revenue account of Government.

(f) Monitoring:

- (i) Machines will be tested at the request in writing of the manufacturer/accredited importers referred to as "Applicant" herein-after. Online application software will be developed for receiving applications and processing the same.
- (ii) The application should be accompanied with all relevant technical specification, operator manual, workshop manual etc. of the machine as well as detailed postal address, email id and phone number of the applicant.
- (iii) The application will be scrutinized by the testing institutions and the shortcomings if any will be communicated to the applicant within a week.

- (iv) The applications fulfilling requirements will be accepted by the testing institute and the date for starting the test will be informed to the applicant within a week.
- (v) Testing of the machine will be taken up as per the relevant standard within 15 days from the date of accepting the application.
- (vi) After completion of all tests, a draft report in the standard format will be released to the applicant for comments and the applicant should submit his comments within 15 days.
- (vii) After receipt of comments, necessary changes in the draft report as per agreed comments may be made in the report and the final report may be released. The testing institutions will also bring out one page salient features of the machine which could be easily understood by the users of the machine.
- (viii) Test reports released by the designated institutions will have validity across the country and accepted by all the States and UTs for financial assistance and implementation of other Government Schemes where test reports are required.
- (ix) The testing institutions will publish the list of test reports quarterly and forward the same to the DAC&FW for uploading it on the website of the Department. The institutions which do not carry out testing as per the guidelines of the Department and as per relevant test codes and upload the test reports on the website will be liable for cancellation of recognition.
- (x) All the testing institutes will ensure that the testing is completed within the stipulated time frame and there is no waiting list for testing.

(g) Financial Assistance:

- (i) Proposals for augmenting the facilities and infrastructure for testing shall be included in the AAP. The identified institutions for testing will be provided one time grant of Rs. 1.5 crores each as per their proposals in this regard. In a financial year 10 such identified institutions will be considered for providing grants. The grants provided will not be utilized to meet the recurring expenditure on testing activities and purchase of vehicles etc.

11.1.4 Demonstration

Field demonstrations of package of machines/equipments will be conducted in the districts identified for AAP

(a) Implementing Agencies: FMTTIs, State Governments, ICAR, ATMA, PSUs of GOI , National Innovation Foundation (NIF)

(b) Objectives: (i) To conduct large scale demonstrations on cropping system based approach to promote mechanization in districts with low farm power availability (ii) To Introduce improved/newly developed agricultural implements and machines and post harvest technology in crop production/post harvest management system (iii) All demonstrations will be conducted with participation of custom hiring centres established in the districts. Also, manufacturers may be engaged as partners for demonstration.

(c) Identification of Beneficiaries: Farmers, SHG of farmers, Users Groups, Cooperative Societies, entrepreneurs etc will be identified by the district nodal agencies as per the broad criteria given under 6.4.2.

(d) Area of operation:

- (i) In case of State level agencies, demonstrations will be conducted in villages selected in the AAP districts.
- (ii) Central implementing agencies will also select districts/villages in the concerned State AAP
- (iii) Demonstrations will be conducted in a contiguous block of 100 ha or more. Size of block for hill and North-Eastern States will be 10 ha. Demonstrations should be evenly distributed in the selected blocks.
- (iv) At least 50% of the total demonstrations will be conducted on cropping patterns of selected villages. These will be done by CHCs in those districts. Remaining 50% demonstrations will be carried out on new technology machines/equipments with the engagement of manufacturers/Hi-tech equipment hubs
- (v) All farmers in a block would be included in demonstration. For each farmer, at least 0.4 ha area will be included.

(f) Identification of powered machines/equipments to be demonstrated: Type of equipment/machine to be demonstrated will be based on requirements of operations in a cropping season. This will be decided by implementing agencies in consultation with State Agricultural functionaries/State Agricultural Universities, ICAR Centres through their Regional Research Stations/KVKs located in the area while preparing the AAP.

(g) Financial Assistance: Implementing agencies will hire the machines to be demonstrated from the Custom Hiring Centres/manufacturers. Government of India will provide 100% assistance @ Rs. 4000 per hectare upto 1000 ha per District per season. This includes:

- (i) Charges towards hiring of machines alongwith implements/ self propelled machines– Rs. 2000 per ha per operation.
- (ii) Expenditure towards hands on training – Rs. 1500 per ha per operation.
- (iii) Miscellaneous expenditure such as expenditure towards transport, labour, publicity and printing of technical literature etc – Rs. 500 per ha per operation.

Expenditure over and above specified limits will be borne by respective implementing agencies

No expenditure will be met from the scheme for recruitment of staff, TA/DA of staff, purchase of tractor/power tiller, computer, video camera, etc. or for any infrastructural development.

(h) Monitoring:

- (i) All demonstrations will be carried out under close supervision of Implementing Agency which will record and document observations. Analysis shall be made to bring out cost effectiveness and benefits of technology. Success story of demonstrations will be documented and disseminated for the benefits of other farmers in the State and also for farmers of other States.
- (ii) State Department of Agriculture/ Other Implementing Agency concerned will ensure effective implementation and supervision of Scheme.
- (iii) Officers from Farm Machinery Training and Testing Institute at Budni (M.P.), Hissar (Haryana), Garladinne (A.P.), Biswanath Chariali (Assam) and officers from the Ministry of Agriculture shall be undertaking random visits to see actual demonstration and assess performance of equipment demonstrated and their acceptability among farmers.

11.1.5 Establishment of Post Harvest Technology

- (a) Implementing Agencies:** State Governments

- (b) Identification of Technologies:** Technical guidance on the available post harvest technologies will be provided by CIPHET Ludhiana and also by other ICAR/CSIR/SAU centers. These may relate to
- (i) Primary processing & value addition
 - (ii) By-product management
 - (iii) Low cost scientific storage
 - (iv) Transit storage
 - (v) Transport of perishable farm produce
- (c) Identification of Beneficiaries:** Individual farmer, SHG/UG of farmers/ Cooperative Societies of Farmers/FPOs/Entrepreneurs will be identified by the district nodal agencies as per the broad criteria given under 6.4.2
- (d) Financial assistance:** PHT units shall be established in the production catchments with 50% assistance from the Government of India limited to Rs. 1.25 lakhs per machine/technology. (Additional 10 % assistance limited to Rs. 1.50 lakhs will be available for SC, ST, small & marginal farmers, women, and NE States beneficiary). Remaining cost will be borne by beneficiary.
- (e) Implementation & Monitoring:** State Department of Agriculture will ensure effective implementation and supervision of Scheme by officers specially designated for the purpose.

11.2 Interventions under Centrally Sponsored Scheme

11.2.1 Financial Assistance for Procurement of Agriculture Machinery and Equipment

(a) Implementing Agencies: State Governments

(b) Implementation & Monitoring:

- (i) State Department of Agriculture will ensure effective implementation and supervision of Scheme by officers specially designated for the purpose.
- (ii) It will be ensured that the benefits under various other schemes of DAC&FW are not extended to the same beneficiary twice.
- (iii) Manufacturers/suppliers that have tested their products either from FMTTIs or any identified institute by DAC&FW will be enlisted.
- (iv) Crop specific agricultural equipment /machinery tested and available with the enlisted manufacturers will be offered to the beneficiaries.
- (v) Complete freedom to beneficiary will be available for selection of agricultural machinery and equipment as per his/her choice.
- (vi) SLEC will empanel the agricultural machinery and equipment on the basis of quality inspection and performance evaluation reports for supply in the financial year.

(c) Identification of Beneficiary: Beneficiaries will be identified by the district nodal agencies as per the broad criteria given under 6.4.2

(d) Financial Assistance: will be available to the selected beneficiaries as per approved pattern of assistance given at Annexure II (c)

11.2.2 Farm Machinery Banks for Custom Hiring

(a) Implementing Agencies: State Governments, NCDC ,PSUs of Government of India, Organization of Government of India

(b) Objectives of custom hiring enterprises

- (i) To promote mechanization in districts with low farm power availability
- (ii) To provide hiring services for various agricultural machinery/implements and PHT equipments applied for different operations.
- (iii) To expand mechanized activities during cropping seasons in large areas especially in small and marginal holdings.
- (iv) To involve manufacturers/KVKs in operation and maintenance of machines in the hiring centres
- (v) To Introduce improved/newly developed agricultural implements and machines in crop production

(c) Area of Operation & Composition of Custom Hiring Centre

- (i) Custom hiring centres will be established in the districts identified for implementation in the State AAP.
- (ii) The districts in State AAP will include villages having low farm power availability and large area under small and marginal holdings.
- (iii) Each CHC of agricultural machinery/implements will have the capacity to cover minimum area of 10 ha/day and at least 300 ha in a cropping season. Machines can be hired for entire operations from land development to residue management
- (iv) Each CHC will be set up on specific crop based, cost based and cluster based approach. Each custom hiring centre will have small crop specific machinery suitable for local requirement for mechanized farming under small and marginal holdings.
- (v) The following parameters may be chosen for selection of village/Town for setting up of custom hiring centers:
 - (a) Low ratio of farm power availability.
 - (b) Low number of tractor population
 - (c) Small & marginal operational Holdings
 - (d) Less productivity of food grains but potential to enhance productivity.
- (vi) District level agencies will identify/invite application of entrepreneurs including manufacturers to set up CHCs
- (vii) Any business model can be adopted for expanding the reach of mechanization through custom hiring centres. It will be necessary to maintain, upgrade the CHCs from time to time.

(d) Identification of machines/Implements:

- (i) Entrepreneurs will select such machinery/implements appropriate for the crops grown in the identified districts
- (ii) Entrepreneurs will select machinery/implements for entire operations of a particular crop grown in that area
- (iii) The capacity of the machines will be selected on the basis of area to be covered in a cropping season.
- (iv) Machines/equipments will be selected from the list at Annexure II(c)

(e) Procurement of Machinery: Procurement would be from the approved suppliers/manufacturers. The beneficiary is free to procure any brand as per his choice from the approved list. However, only tested equipments from either FMTTIs or designated Institute from DAC&FW are eligible for financial assistance for establishing the custom hiring centres.

(f) Financial Assistance:

- (i) Financial assistance for setting up of custom hiring centres will be available to rural entrepreneurs, progressive farmer and SHGs as per pattern of assistance as indicated in Annexure II (d). The maximum permissible assistance per machine under the project will be as per the assistance indicated against each machine in Annexure –II (c) and for other machines which are not indicated in the list of Annexure –II (c), it will be 40% of the machine cost .The sample sheets of project cost calculations and allowable financial assistance is given in **Annexure - XI**
- (ii) The custom hiring centres having the project cost more than Rs. 25 lakh will be established under the model of credit linked back ended financial assistance.
- (iii) The bank will lock the financial assistance released to them for a period of 4 years. The beneficiary will repay the complete bank loan within the period of not less than 4 years. The Beneficiary will not be allowed to transfer/ sell/ mortgage the CHC to any one before the completion of 6 years.

(g) Monitoring:

- (i) The established CHCs will be provided technical assistance from KVKs/enlisted manufacturers/Approved Testing

Centres, FMTTIs and ICAR centres to maintain and train CHC entrepreneurs.

- (ii) The custom hiring centres established under the mission will be supervised by the District Agriculture Officer for its operation so that custom hiring charges are reasonable and affordable to small and marginal farmers

- (h) **Partnerships:** The CHCs can be established by the manufacturers in PPP mode. They may also be encouraged to undertake maintenance of the machinery for a given number of CHCs. They may undertake exposure visits of the beneficiaries in other districts/states. They may enter into annual maintenance contracts for supply of spare parts

11.2.3 Hi-Tech, High Productive Equipment Hub for Custom Hiring:

- (a) **Implementing Agencies:** State Governments, NCDC ,PSUs of Government of India, Organization of Government of India

(b) Objectives

- (i) To promote utilization of hi-tech, high value machines for higher productivity
- (ii) To provide hiring services for various high value crop specific machines and PHT equipments applied for different operations.
- (iii) To expand mechanized activities during cropping seasons to cover large areas
- (iv) To involve manufacturers for setting up of such centres

(c) Area of Operation & Composition of Hi-tech Hub

- (i) Hubs will be established in the districts identified for implementation in the State AAP having larger area under cash and other value crops.
- (ii) Each hub of agricultural machinery/implements will have the capacity to cover at least 500 ha in a cropping season. Machines can be hired for crop specific operations
- (iii) The following parameters may be chosen for selection of village/Town for setting up of custom hiring centers:
 - a) Large area under cash crops/high value crops
 - b) High potential areas

- (iv) District level agencies will identify/invite application of entrepreneurs including manufacturers to set up hubs
- (v) It will be necessary to maintain and upgrade the hubs from time to time.

(d) Identification of machines:

- (i) Entrepreneurs/progressive farmer/manufacturers will select such machinery and PHT equipments appropriate for the cash and other high value crops grown in the identified districts
- (ii) The type and capacity of the machines will be selected on the basis of area to be covered in a cropping season.

(e) Financial Assistance:

- (i) Financial assistance for setting up of hubs will be available to entrepreneurs/ progressive farmer/ manufacturers as per pattern of assistance as indicated in Annexure II (e). The maximum permissible assistance per machine under the project will be as per the assistance indicated against each machine in Annexure –II (c) and for other machines which are not indicated in the list of Annexure –II (c), it will be 40% of the machine cost .The sample sheets of project cost calculations and allowable financial assistance is given in **Annexure - XI**
- (ii) Hubs will be established under the model of credit linked back ended financial assistance.
- (iii) Bank will lock the financial assistance released to them as per the terms of repayment of loan. The Beneficiary will not be allowed to transfer/ sell/ mortgage the hubs to any one.

(f) Monitoring:

- (i) The established machinery hubs will be provided technical assistance from KVKs/ manufacturers/Approved Testing Centres, FMTTIs and ICAR centres for maintenance and training
- (ii) The hubs established under the mission will be supervised by the District Agriculture Officer for its operation so that hiring charges are reasonable and affordable to farmers.

11.2.4 Promotion of Farm Mechanisation in Selected Villages

- (a) **Implementing Agencies:** State Governments, NCDC
- (b) **Objectives:**
- (i) To establish farm machinery and PHT equipments banks by the Cooperative Societies of farmers, Self Help Group of Farmer, FPOs etc. in the selected villages of states so as to encourage members to take up appropriate mechanized operations
 - (ii) To conduct demonstrations in large areas with the assistance of Custom Hiring Centers set up under component (4).
- (c) **Area of Operation:**
- (i) Districts with low farm power availability will be selected in each state .
 - (ii) Villages will be selected from these districts
 - (iii) SHGs, Cooperative Societies, FPOs and any such other entities in these villages will be eligible for financial assistance for setting up of farm machinery banks for operating machines and equipments by the member beneficiaries
 - (iv) Custom Hiring Centres set up under component (4) shall be involved in conducting demonstration of the machines and equipments as per the guidelines indicated in para 11.1.4
- (d) **Financial Assistance:** Each village will be eligible for setting up of farm machinery banks upto a maximum project cost of Rs. 10 lakhs. Financial assistance @ 80% of the project cost will be provided for such machinery banks. Annexure –II (c) may be referred for the maximum permissible assistance per machine under the project .For demonstration, financial assistance will be provided as per the guidelines given in 11.1.4
- (e) **Monitoring:** Supervised by the District Agriculture Officer for operating cost of Farm Machinery Banks and demonstrations to be conducted by CHCs.

11.2.5 Assistance for Mechanized operations.

- (a) **Implementing Agencies:** State Governments
- (b) **Objective:** To provide per hectare assistance to the beneficiaries in the villages identified under 11.2.4. Beneficiaries will utilize services of farm machinery banks set up by group of farmers,

cooperative societies and any such other entities, for various farm operations.

- (b) Financial Assistance:** Financial assistance will be available to the beneficiaries upto a maximum of 2 ha area as per following norms:
 - (i) For tractor/power operated operations – Rs. 2000/ha per farmer per year
 - (ii) For animal drawn mechanized operations- Rs. 1000/ha per farmer per year
 - (iii) For manual operations – Rs. 750/ha per farmer per year
- (c) Monitoring:** Supervised by the District Agriculture Officer for selection of operation and area to be covered under each operation

11.2.6 Promotion of Farm Machinery and Equipment in North-Eastern Region

- (a) Implementing Agencies:** NER State Governments
- (b) Objectives:**
 - (i) To increase pace of mechanization adoption in North-Eastern States. Some of the regions in these States are not able to leverage the advantages of farm mechanization due to constraints like hilly topography, socio-economic conditions, high cost of transport, lack of institutional financing and lack of farm machinery manufacturing industries. Therefore, these states require light weight machines and equipments suitable for these regions.
 - (ii) To encourage the farmers for adopting good agricultural practices in specific crops/areas.
- (c) Implementation & Monitoring:**
 - (i) In order to provide suitable mechanized solutions in the identified areas of these States, separate allocation over and above the allocation in different components of the submission will be made.
 - (ii) The States will identify such areas and prepare project proposals as per the pattern of assistance as indicated in Annexure –II (h)
 - (iii) Project proposals submitted by the States will be examined in DAC&FW and approved by EC for financial assistance.
 - (iv) State Department of Agriculture/ Other Implementing Agency concerned will ensure effective implementation and

supervision of Scheme by officers specially designated for the purpose.

- (d) **Financial Assistance:** Financial assistance will be available to the beneficiaries as per the pattern of assistance indicated in Annexure-II (h).

11.2.7 Exposure visits:

- (a) In order to enrich the knowledge base of the technical personnel/progressive farmers involved in the mission, exposure visit/training of technical staff /officers at International organizations like IRRI, ICRISAT, CSAM China, NIAE Korea, JICA Japan,NTTL USA etc. or any other research organization in farm mechanization within the country and abroad would be organized.
- (b) A sum of Rs. 2.0 Crore will be earmarked for the entire plan period.
- (c) EC would approve the proposal of exposure visit/ training.

12.0 Central Project Monitoring Unit (CPMU) for monitoring of SMAM :

12.1.1 Project Management Team

- I. A Project Management Team (PMT) will be constituted at the National level under the leadership of Joint Secretary (Machinery). One Consultant in identified field of expertise and one Senior Technical Assistant would be hired on contractual basis.
- II. A PMT will also be constituted at the State and the District level under the leadership of a Project Manager drawn from the State Government. At the State level, the Project Manager will be of the level of a Director(Agril) / Director (Agril.Engg). At the District level, the Project Manager will be of the level of a Deputy/Joint Director (Agriculture Engineering) or the District Agriculture Officer.
- III. The PMTs will be assisted by Technical Experts to be appointed on contractual basis for technology transfer and implementation of the Mission. The PMTs will have the responsibility to ensure collaboration among various line departments in the Centre / State /District to achieve the targets. The PMT will provide the technical services/advice. Honorarium to Project Management Team members will be fixed as per the extant financial norms fixed under other schemes of DAC&FW . Essential and desirable qualifications for the candidates to be appointed for contractual services are given at **Annexure-X**.

- IV. National/State/District PMT can engage need based experts with the permission of the General Council from fields like Publicity and Communications, Financial Management, Information Management etc.
- V. The pay of Consultant/Senior Technical Assistant/Data Entry Operators/ MTS will be regulated from time to time according to Government norms.
- VI. The Project Management Team will have the following responsibilities:
 - (a) Guide the States/Districts in organizational and technical matters. (b) Help in the implementation and monitoring of the various interventions of the SMAM.
 - (c) Assist the States/districts in capacity building programmes
 - (d) Assist the district and state agencies in concurrent evaluation based on case studies in identified districts and document and disseminate the success stories.
 - (e) Undertake publicity/information campaign to promote the Mission objectives

13.0 Activity Mapping: Enclosed as Annexure-I

Annexure-I

Activity mapping for effective devolution of funds, functions and functionaries under Sub-Mission on Agricultural Mechanization

S.N	Components	Allocation (Rs.Cr.)	Percentage Allocation based on function(s)		Implementing Agencies	Remarks
			Centre	State		
1	Component No.1 (Existing)	As per Annual Budget	100	0	FMTTIs, State identified institutions, ICAR institutions, ATMA institutions, PSUs of GOI, State Governments	1) Implementing agencies will be responsible for coordination with local and State Governments. 2) Annual Action Plan will build on the activities at the village level in district with low farm power availability
2	Component No.2(Existing)		100	0		
3	Component No.3(New)		60	40	State Governments#	
4	Component No.4(New)		60	40	State Governments#	
5	Component No.5(New)		60	40	State Governments#	
6	Component No.6(New)		60	40	State Governments#	
7	Component No.7(New)		60	40	State Governments#	
8	Component No.8(New)		90	10	State Governments of 8 North-Eastern States	

#- Except State Governments of 8 North-Eastern States and Himalayan States for which it will be 90:10 and 100% Central Share for Union Territories.

1. Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration
2. Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)
3. Financial Assistance for Procurement of Agriculture Machinery and Equipment
4. Establish Farm Machinery Banks for Custom Hiring
5. Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring
6. Promotion of Farm Mechanisation in Selected Villages
7. Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres
8. Promotion of Farm Machinery and Equipment in North-Eastern Region

Functions:

S No	Activity Description	Union Government	State Government	District Administration	Local Government			Implementing Agency
					Panchayati Raj System			
					Zilla Parishad	Intermediate Panchayat	Village Panchayat	
1	Setting Standards	Formulate guidelines and cost norms for SMAM	Disseminate guidelines and norms at District Level, preferably in local language	Implement guidelines	Disseminate guidelines at the block level and below	--	--	Maintain the physical and financial progress
2	Planning	Provide the tentative outlays for preparing the State Annual Action Plan	1.Prepare strategic plan 2. Prepare State Annual Action Plan	Formulate District Action Plan	Contribute in preparing District Annual Action Plan	--	Contribute in selection of equipments for demonstration, beneficiaries in capacity building and availing the assistance	
3	Implementation of Mission	Release of funds to States by DAC	Release of funds to District level	--	Prioritize projects as per requirement of the Districts.	Select location of activity within the district, select beneficiaries	Contribute in selection of equipments for demonstration, beneficiaries in capacity building availing the assistance	
4	Monitoring and Evaluation of Projects	1.Review quarterly progress 2.Conduct midterm and impact evaluation	Furnish the physical and financial progress quarterly	--	Review progress at panchayat level and provide feedback to State Governments	--	Provide feedback to District Panchayat	

C. Functionaries:

S.	Union Government	State Government	District Administration	Local Government		
				Panchayati Raj system		
				Zilla Parishad	Intermediate Panchayat	Village Panchayat
1	M&T Division of DAC&FW	Agriculture Department of State Government	Agencies implementing Action Plan	State Government to devolve functionaries as per activities to be implemented under SMAM	--	State Government to devolve functionaries as per activities to be implemented under SMAM

Annexure-II

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (a)

Component No. 1: Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration

A. Demonstration:

S.N	ITEM	PATTERN OF ASSISTANCE
I	Demonstration of agricultural / horticultural equipments at farmers' fields.	100% assistance @ Rs. 4000 per hectare upto 1000 ha per District per season. This includes: (i) Charges towards hiring of machines alongwith implements/ self propelled machines – Rs. 2000 per ha per operation. (ii) Expenditure towards hands on training – Rs. 1500 per ha per operation. (iii) Miscellaneous expenditure such as expenditure towards transport, labour, publicity and printing of technical literature etc – Rs. 500 per ha per operation

B. Training:

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
I	Training of farmers/users/stakeholders by Institutions identified by State Govt./ICAR	Rs.25.0 lakh per State per year.	As per item 11.1.2 of Guidelines

C. Testing

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
I	Strengthening of designated SAU's/ICAR Institutions/Govt. Agencies for undertaking testing of agricultural equipment	Rs. 1.5 crore per centre.	One time grant upto Rs.1.5 crore.

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (b)

Component No. 2: Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)

A . Financial Assistance for Post Harvest Equipment.

Item	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance
Establishment of PHT units for transfer of primary processing technology, value addition, low cost scientific storage, packaging units and technologies for by-product management in the production catchments.	1.50 lakh	60% of cost of unit	1.25 lakh	50%

B. Demonstration:

S.N	ITEM	PATTERN OF ASSISTANCE
I	Demonstration of developed/ appropriate Post Harvest Technologies.	100% assistance @ Rs. 4000 per technology upto 1000 demo per District per season. This includes: (i) Charges towards hiring of machines along with equipments/ self propelled machines – Rs. 2000 per technology. (ii) Expenditure towards hands on training – Rs. 1500 per technology. (iii) Miscellaneous expenditure such as expenditure towards transport, labour, publicity and printing of technical literature etc – Rs. 500 per technology.

C. Training:

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
I	Training of Farmers, Entrepreneurs and Scientists in areas related to Post Harvest Technology.	Rs. 25.0 lakh per State.	As per item 11.1.2 of Guidelines

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c)

Component No. 3: Financial Assistance for Procurement of Agriculture Machinery and Equipment

Type of Agricultural Machinery * , \$	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/ Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/ Equipment per beneficiary	Pattern of Assistance
Tractors				
(i) Tractor 2WD (08-20 PTO HP)	Rs. 2.00 lakh	50%	Rs. 1.60 lakh	40%
(ii) Tractor 4WD (08-20 PTO HP)	Rs. 2.25 lakh	50%	Rs. 1.80 lakh	40%
(iii) Tractor 2WD (above 20-40 PTO HP)	Rs. 2.50 lakh	50%	Rs. 2.00 lakh	40%
(iv) Tractor 4WD (above 20-40 PTO HP)	Rs. 3.00 lakh	50%	Rs. 2.40 lakh	40%
(v) Tractor 2WD (above 40-70 PTO HP)	Rs. 4.25 lakh	50%	Rs. 3.40 lakh	40%
(vi) Tractor 4WD (above 40-70 PTO HP)	Rs. 5.00 lakh	50%	Rs. 4.00 lakh	40%
Power Tillers				
(i) Power Tiller (below 8 BHP)	Rs. 0.65 lakh	50%	Rs. 0.50 lakh.	40%
(ii) Power Tiller (8 BHP & above)	Rs. 0.85 lakh	50%	Rs. 0.70 lakh.	40%
Rice Transplanter				
Self Propelled Rice Transplanter(4 rows)	Rs.1.50 lakh	50%	Rs. 1.20 lakh	40%
Self Propelled Rice Transplanter (i) above 4-8 rows (ii) above 8-16 rows	Rs. 5.00 lakh. Rs. 8.00 lakh.	50%	Rs. 4.00 lakh Rs. 6.50 lakh	40%
Self Propelled Machinery				
Self Propelled Machinery (i) Crop Reaper cum Binder (3 wheel) (j) Crop Reaper cum Binder (4 wheel)	Rs. 1.75 lakh Rs. 2.50 lakh	50%	Rs. 1.40 lakh Rs. 2.00 lakh	40%
Specialized Self Propelled Machinery (i) Crop Reaper (ii) Post Hole Digger/Auger (iii) Pneumatic/ other Planter	Rs. 0.75 lakh Rs. 0.75 lakh Rs. 0.90 lakh	50%	Rs. 0.60 lakh Rs. 0.60 lakh Rs. 0.70 lakh	40%
Self Propelled Horticultural Machinery (i) Track Trolley (ii) Nursery Media Filling Machine (iii) Multipurpose Hydraulic System (iv) Power operated horticulture tools for pruning, budding, grating, shearing etc.	Rs. 2.00 lakh Rs. 2.00 lakh Rs. 2.00 lakh Rs. 0.50 lakh	50%	Rs. 1.60 lakh Rs. 1.60 lakh Rs. 1.60 lakh Rs. 0.40 lakh	40%

COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Annexure-II (c) Contd.

Component No. 3: Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary Pattern of Assistance		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance
Tractor/Power Tiller (below 20 BHP) driven equipments.				
A. Land Development, tillage and seed bed preparation equipments: (i) MB Plow (ii) Disc Plow (iii) Cultivator (iv) Harrow (v) leveler Blade (vi) Cage wheel (vii) Furrow opener (viii) Ridger (ix) Weed slasher	Rs. 0.20 lakh	50%	Rs. 0.16 lakh	40%
(x) Furrow opener (xi) Bund former (xii) Crust breaker (xiii) Rotopuddler (xiv) Rotocultivator (xv) Power Harrow	Rs.0.40 lakh	50%	Rs. 0.32 lakh	40%
(xvi) Chisel Plough	Rs. 0.10 lakh	50%	Rs. 0.08 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments **, #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance
Tractor/Power Tiller (below 20 BHP) driven equipments .				
B. Sowing, Planting, Reaping and Digging Equipments:				
(i) Post Hole digger (ii) Potato Planter (iii) Potato Digger (iv) Ground nut digger (v) Strip till drill (5tines) (vi) tractor drawn crop reaper/reaper cum binder (vii) onion harvester (viii) Rice straw Chopper, (ix) Raised Bed Planter (x) Sugar cane cutter/Stripper planter(5tines) (xi) multi crop planter(5tines) (xii) Ridge furrow planter	Rs. 0.30 lakh	50%	Rs. 0.24 lakh	40%
(i) Pneumatic Planter (ii) Pneumatic vegetable transplanter, (iii) Pneumatic vegetable seeder (iv) Plastic Mulch Laying	Rs. 0.50 lakh	50%	Rs. 0.40 lakh	40%

(v) Machine Raised Bed Planter with inclined plate planter and shaper attachment. (5-7tines)				
(vi) Seed treating drum (vii) Seed drill /Seed cum fertilizer drill(5tines) (viii) Aqua ferti seed drill (5- 7tines)	Rs. 0.15 lakh	50%	Rs. 0.12 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance
Tractor/Power Tiller (below 20 BHP) driven equipments .				
C.Inter Cultivation Equipments: (i) Grass Weed Slasher (ii) Power Weeder (engine operated below 2 bhp)	Rs. 0.25 lakh	50%	Rs. 0.20 lakh	40%
D. Equipments for Residue management/Hay and Forage Equipments: (i) Sugarcane thrash Cutter (ii) Coconut Frond Chopper, (iii) Straw reaper (iv) Stubble shaver	Rs. 0.25 lakh	50%	Rs. 0.20 lakh	40%
E. Harvesting & Threshing Equipments (Operated by engine/electric motor below 3 hp and by power tiller , and tractor of below 20 BHP tractor): (i) Ground Nut Pod Stripper (ii) Thresher (iii) Multi crop Threshers (iv) Paddy Thresher (v) Brush Cutter (vi) Winnowing fan (vii)Maize sheller	Rs. 0.30 lakh	50%	Rs. 0.25 lakh	40%

(ix) Mower (x) Flail Harvester (xi) Mower Shredder (ALL PURPOSE/All crops)				
F. Chaff Cutter (Operated by engine/electric motor below 3 hp and by power tiller , and tractor of below 20 BHP tractor)	Rs. 0.20 lakh	50%	Rs. 0.16 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No. 3: Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
Tractor (above 20- 35 BHP) driven equipments .				
A. Land Development ,tillage and seed bed preparation equipments:				
(i) MB Plow (ii) Disc Plow (iii) Cultivator (iv) Harrow (v) leveler Blade (vi) cage wheel (vii) Furrow opener (viii) Ridger (ix) Weed slasher	Rs. 0.30 lakh	50%	Rs. 0.25 lakh	40%
(x) Rotopuddler (xvii) Furrow opener (xviii) Bund former (xix) Crust breaker (xx) Rotocultivator (xxi) Power Harrow	Rs.0.60 lakh	50%	Rs. 0.50 lakh	40%
(xxii) Rotavator 5 feet	Rs. 0.42 lakh	50%	Rs. 0.34 lakh	40%
(xxiii) Chisel Plough	Rs. 0.20 lakh	50%	Rs. 0.16 lakh	40%
(xxiv) Reversible Hydraulic plough(2 bottom)	Rs. 0.70 lakh	50%	Rs. 0.56 lakh	40%
(xxv) Reversible Mechanical plough(2 bottom)	Rs. 0.40 lakh	50%	Rs. 0.32 lakh	40%
(xxvi) Laser Land Leveller	Rs. 2.00 lakh	50%	Rs. 1.60 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No. 3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance
Tractor (above 20- 35 BHP) driven equipments .				
B. Sowing , Planting ,Reaping and Digging Equipments:				
(i) Post Hole digger	Rs. 0.40 lakh	50%	Rs. 0.32 lakh	40%
(ii) Potato Planter				
(iii) Potato Digger				
(iv) Ground nut digger				
(v) tractor drawn crop reaper				
(vi) onion harvester				
(vii) Raised Bed Planter				
(viii) Sugar cane cutter/Stripper				
(ix) Multi crop planter,				
(x) Ridge furrow planter				
(xi) seed drill (7 tines)	Rs. 0.18 lakh	50%	Rs. 0.16 lakh	40%
(xii) zero –till multi crop (7 tines)				
(xiii) Seed treating drum				
(xiv) Seed cum fertilizer drill (7 tines)				
(xv) Direct Rice Seeder (DRS)	Rs.0.20	50%	Rs.0.16	40%

(xvi) (xvii) (xviii) (xix) (xx) (xxi)	Pneumatic Planter Pneumatic vegetable transplanter Pneumatic vegetable seeder Plastic Mulch Laying Machine Aqua ferti seed drill (9tines) Raised Bed Planter with inclined plate planter and shaper attachment.	Rs.0.75 lakh	50%	Rs. 0.60 lakh	40%
(xxii)	Happy/Turbo Seeder (9 tines)	Rs. 0.728 lakh	50%	Rs. 0.582 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No. 3: Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
Tractor (above 20- 35 BHP) driven equipments .				
C. Inter Cultivation Equipments:				
(i) Grass Weed Slasher	Rs. 0.35 lakh	50%	Rs. 0.30 lakh	40%
(ii) Power Weeder (engine operated above 2 bhp)				
D. Equipments for Residue management/Hay and Forage and Transport Equipments:				
(i) Sugarcane thrash Cutter	Rs. 0.40 lakh	50%	Rs. 0.30 lakh	40%
(ii) Coconut Frond Chopper,	Rs. 0.40 lakh	50%	Rs. 0.30 lakh	40%
(iii) Rake (small capacity)	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
(iv) Balers(Round) (below 14 kg per bale)	Rs. 1.50 lakh	50%	Rs. 1.20 lakh	40%
(v) Straw reaper	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
(vi) Feed block machine(100- 200 kg/hr)	Rs. 1.50 lakh	50%	Rs. 1.20 lakh	40%
(vii) Stubble shaver	Rs. 0.40 lakh	50%	Rs. 0.30 lakh	40%
(viii) Straw Chopper/Shredder/Mulcher Mounted type 5 ft	Rs. 0.672 Lakh	50%	Rs. 0.538 lakh	40%
(ix) Trailer/Trolley (upto 3 Tone capacity)	Rs. 0.60 lakh	50%	Rs. 0.50 lakh	40%
D. Harvesting & Threshing Equipments (Operated by engine/electric motor below 5 bhp and by power tiller , and tractor of below 35 BHP tractor				

(i) Ground Nut Pod Stripper (ii) Thresher (iii) Multi crop Threshers (iv) Paddy Thresher (v) Brush Cutter (vi) Maize sheller (xii) Mower (xiii) Flail Harvester (xiv) Mower Shredder (ALL PURPOSE/All crops)	Rs. 0.40 lakh	50%	Rs. 0.30 lakh	40%
(xv) Crop Reaper cum binder (tractor drawn)	Rs. 1.25 lakh	50%	Rs. 1.0 lakh	40%
F. Chaff Cutter (Operated by engine/electric motor above 3- 5 hp and by power tiller , and tractor of below 35 BHP tractor)	Rs. 0.28 lakh	50%	Rs. 0.22 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
Tractor (above 35 BHP) driven equipments.				
A. Land Development ,tillage and seed bed preparation equipments:				
(i) MB Plow	Rs. 0.50 lakh	50%	Rs. 0.40 lakh	40%
(ii) Disc Plow				
(iii) Cultivator				
(iv) Harrow				
(v) Leveler Blade				
(vi) Cage wheel				
(vii) Furrow opener				
(viii) Ridger				
(ix) Laser Land Leveller	Rs. 2.00 lakh	50%	Rs. 1.60 lakh	40%
(x) Rotavator				
a) 5 feet	Rs. 0.42 lakh	50%	Rs. 0.34 lakh	40%
b) 6 feet	Rs. 0.448 lakh	50%	Rs. 0.358 lakh	40%
c) 7 feet	Rs. 0.476 lakh	50%	Rs. 0.381 lakh	40%
d) 8 feet	Rs. 0.504 lakh	50%	Rs. 0.403 lakh	40%
(xi) Roto-puddler	Rs. 1.00 lakh	50%	Rs. 0.80 lakh	40%
(xii) Reversible Hydraulic plough(2 bottom)	Rs. 0.70 lakh	50%	Rs. 0.56 lakh	40%
(xiii) Reversible Hydraulic plough(3 bottom)	Rs. 0.895 lakh	50%	Rs. 0.716 lakh	40%
(xiv) Reversible Mechanical plough(2 bottom)	Rs. 0.40 lakh	50%	Rs. 0.32 lakh	40%
(xv) Reversible Mechanical plough(3 bottom)	Rs. 0.50 lakh	50%	Rs. 0.40 lakh	40%
(xvi) Sub - soiler	Rs.0.55 lakh	50%	Rs. 0.45 lakh	40%

(xvii)	Trench makers (PTO operated)	Rs. 1.50 lakh	50%	Rs. 1.20 lakh	40%
(xviii)	Bund former (PTO operated)	Rs. 1.50 lakh	50%	Rs. 1.20 lakh	40%
(xix)	Backhoe Loader Dozer (Tractor operated)	Rs. 3.50 lakh	50%	Rs. 2.80 lakh	40%
(xx)	Furrow opener	Rs. 0.30 lakh	50%	Rs. 0.25 lakh	40%
(xxi)	Bund former	Rs. 0.30 lakh	50%	Rs. 0.25 lakh	40%
(xxii)	Crust breaker	Rs. 0.35 lakh	50%	Rs. 0.30 lakh	40%
(xxiii)	Rotocultivator	Rs. 1.00 lakh	50%	Rs. 0.80 lakh	40%
(xxiv)	Power Harrow(PTO operated)	Rs. 1.00 lakh	50%	Rs. 0.80 lakh	40%

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** ,#	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
Tractor (above 35 BHP) Drivenequipments.				
B. Sowing , Planting , Reaping and Digging Equipments:				
i. (i)Raised Bed Planter	Rs. 0.35	50%	Rs.0.30	40%
ii. seed drill/zero till seed drill (9tines and above)	Rs.0.20		Rs.0.16	
iii. Potato Digger	Rs.0.40		Rs.0.35	
iv. Tractor drawn crop reaper	Rs.0.75		Rs.0.60	
v. onion harvester	Rs.0.80		Rs.0.65	
vi. Seed cum fertilizer drill/Zero till Seed cum fertilizer drill				
a) 9 tines	Rs.0.213		Rs.0.170	
b) 11 tines	Rs.0.241		Rs.0.193	
c) 13 tines	Rs.0.269		Rs.0.215	
d) 15 tines	Rs.0.280		Rs.0.224	
vii. Direct Rice Seeder (DRS)	Rs.0.20		Rs.0.16	
viii. Post Hole digger	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
ix. Potato Planter (automatic)				
x. Ground nut digger				
xi. Sugar cane cutter/Stripper/planter,				
xii. multi crop planter(9 tines and above)				
xiii. zero –till multi crop planter (9 tines and above)				
xiv. Ridge furrow planter				

xv.	Happy/Turbo Seeder (9 tines)	Rs. 0.728 lakh	50%	Rs. 0.582 lakh	40%
xvi.	Happy/Turbo Seeder (10 tines)	Rs. 0.756 lakh	50%	Rs. 0.605 lakh	40%
xvii.	Happy/Turbo Seeder (11 tines)	Rs. 0.784 lakh	50%	Rs. 0.627 lakh	40%
xviii.	Pneumatic Planter(9 tines and above)	Rs. 2.25 lakh	50%	Rs. 1.80 lakh	40%
xix.	Pneumatic vegetable transplanter,				
xx.	Pneumatic vegetable seeder				
xxi.	Cassava Planter(9 tines and above)	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
xxii.	Manure spreader	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
xxiii.	Fertilizer Spreader – PTO operated	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
xxiv.	Plastic Mulch Laying Machine	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
xxv.	Automatic rice nursery sowing machinery	Rs. 1.75 lakh	50%	Rs. 1.40 lakh	40%
xxvi.	Aqua ferti seed drill (9 tines and above)	Rs. 0.75 lakh	50%	Rs. 0.60 lakh	40%
xxvii.	Raised Bed Planter with inclined plate planter and shaper attachment.	Rs. 0.90 lakh	50%	Rs. 0.70 lakh	40%

COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/ Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/ Equipment per beneficiary	Pattern of Assistance
Tractor (above 35 BHP) driven equipments .				
C.Inter Cultivation Equipments:				
(i) Grass/ Weed Slasher,	Rs.0.75 Lakh	50%	Rs. 0.60 lakh	40%
(ii) Weeder (Engine operated above 5 BHP)	Rs.0.63 Lakh	50%	Rs. 0.50 lakh	40%
(iii) Weeder (PTO operated)	Rs.0.75 Lakh	50%	Rs. 0.60 lakh	40%
D. Harvesting & Threshing Equipments (Operated by engine/electric motor above 5 hp and tractor of above 35 BHP tractor)				
(i) Ground Nut Pod Stripper	Rs.1.00 Lakh	50%	Rs. 0.80 lakh	40%
(i) Thresher/Multi crop Threshers upto 4 tonne/hr capacity				
(ii) Paddy Thresher				
(iii) Chaff Cutter				
(iv) Forage Harvester				
(v) Maize sheller				
(vi) Crop Reaper cum Binder (tractor drawn)	Rs.1.50 Lakh	50%	Rs. 1.20 lakh	40%
(vii) Combine Harvester (self propelled, upto 14 feet cutter bar) \$	Rs.8.00 Lakh	50%	Rs. 6.40 lakh	40%
(viii) Combine Harvester (Tractor operated (without tractor), upto 10 feet cutter bar) \$	Rs.3.00 Lakh	50%	Rs. 2.40 lakh	40%

(ix) Combine Harvester (track, 6-8 feet cutter bar) \$	Rs.11.00 Lakh	50%	Rs. 8.80 lakh	40%
(x) Combine Harvester (track, below 6 feet cutter bar) \$	Rs.7.00 Lakh	50%	Rs. 5.60 lakh	40%
(xi) Thresher/Multi crop Threshers above 4 tonne/hr capacity	Rs.2.5 Lakh	50%	Rs. 2.00 lakh	40%
(xii)Infielder	Rs.0.63 lakh	50%	Rs.0.50 lakh	40%
(xiii) Mower	Rs.1.00 Lakh	50%	Rs. 0.80 lakh	40%
(xiv) Flail Harvester				
(xv) Mower shredder (All Purpose/All crops)				
E. Equipments for Residue management/Hay and Forage Equipments:				
(i) Sugarcane thrash Cutter,	Rs.1.25 Lakh	50%	Rs. 1.00 lakh	40%
(ii) Coconut Frond Chopper,	Rs.0.63 Lakh	50%	Rs. 0.50 lakh	40%
(iii) Hay Rake	Rs.1.50 Lakh	50%	Rs. 1.20 lakh	40%
(iv) Balers (Round) (14-16 kg per bale)	Rs.2.00 Lakh	50%	Rs. 1.60 lakh	40%
(v) Balers (Round) (above 16-25 kg per bale)	Rs.5.50 Lakh	50%	Rs. 4.40 lakh	40%
(vi) Balers (Round) (180-200 kg per bale)	Rs.9.00 Lakh	50%	Rs. 7.20 lakh	40%
(vii) Baler (Rectangular 18-20 kg per bale)	Rs.6.00 Lakh	50%	Rs. 4.80 lakh	40%
(viii) Wood chippers	Rs.1.25 Lakh	50%	Rs. 1.00 lakh	40%
(ix) Sugarcane ratoon manager	Rs. 1.25 Lakh	50%	Rs. 1.00 lakh	40%
(x) cotton stalk uprooter	Rs.0.75 Lakh	50%	Rs. 0.60 lakh	40%
(xi) Straw reaper	Rs.1.30 Lakh	50%	Rs. 1.04 lakh	40%
(xii) Feed block machine (above 200 kg/hr)	Rs.3.00 Lakh	50%	Rs. 2.40 lakh	40%
(xiii) Stubble shaver	Rs.0.80 Lakh	50%	Rs. 0.64 lakh	40%
(xiv) Straw Chopper/Shredder/Mulcher				
a) Mounted type 5 ft	Rs.0.672 Lakh	50%	Rs. 0.538 lakh	40%
b) Mounted type 6 ft	Rs.0.728 Lakh	50%	Rs. 0.582 lakh	40%
c) Mounted type 7 ft	Rs.0.784 Lakh	50%	Rs. 0.627 lakh	40%
d) Mounted type 8 ft	Rs.0.840 Lakh	50%	Rs. 0.672 lakh	40%
e) Trailed type	Rs.1.26 Lakh	50%	Rs. 1.01 lakh	40%

f) Combo type	Rs.1.40 Lakh	50%	Rs. 1.12 lakh	40%
(xv) Super Straw Management System (Super SMS) To be attached with Combine harvester	Rs.0.56 Lakh	50%	Rs. 0.45 lakh	40%
(xviii) Shrub Master/Cutter cum spreader	Rs.0.25 Lakh	50%	Rs. 0.18 lakh	40%
(xix) Rotary Straw slasher	Rs.0.25 Lakh	50%	Rs. 0.18 lakh	40%
(xx) Briquette Making Machine (500-1000 kg/hr capacity)	Rs.5.00 Lakh	50%	Rs. 4.00 lakh	40%

COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Annexure-II (c) Contd.

Component No.3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , #	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
All manual /animal drawn equipment/implements/Tools				
A.Land Development , tillage and seed bed preparation equipments:				
(i) MB Plow (ii) Disc Plow (iii) Cultivator (iv) Harrow (v) leveler Blade (vi) Furrow opener (vii) Ridger (viii) Puddler	Rs. 0.10 lakh	50%	Rs. 0.08 lakh	40%
B. Sowing and Planting Equipments:				
(i) Paddy planter, (ii) seed cum fertilizer drill, (iii) Raised Bed Planter, (iv) planter, (v) Dibbler (vi) Equipments for raising paddy nursery (vii) Marker for SRI (viii) Seed treating drum (ix) Rice-wheat seeder	Rs. 0.10 lakh	50%	Rs. 0.08 lakh	40%
(x) Drum Seeder (Below 4 Row)	Rs. 0.03 lakh	50%	Rs. 0.025 lakh.	40%
(xi) Drum Seeder (Above 4 Row)	Rs.0.04 lakh	50%	Rs. 0.030 lakh	40%
C. Harvesting & Threshing Equipments:				
(i) Ground Nut Pod Stripper (ii) Thresher (iii) Winnowing fan (iv) Tree climber (v) Horticulture Hand tools (vi) Maize sheller (vii) Feed block machine (viii) Spiral grader	Rs.0.10 lakh	50%	Rs. 0.08 lakh	40%

(vi) Chaff Cutter (upto 3')	Rs. 0.05 lakh	50%	Rs. 0.04 lakh	40%
(vii) Chaff Cutter (above 3')	Rs.0.063 lakh	50%	Rs. 0.05 lakh	40%
D. Inter Cultivation Equipments:				
(i) Grass Weed Slasher,				
(ii) Weeder,				
(iii) Conoweeder				
(iv) Garden Hand Tools	Rs. 0.012 lakh	50%	Rs. 0.010 lakh	40%

SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Component No. 3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment

Horticultural/Post Harvest Technology Equipments \$, &	For SC,ST , small & marginal farmers , women , and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment	Pattern of Assistance	Maximum Permissible Cost subsidy per Machine/Equipment	Pattern of Assistance
SELF PROPELLED/OTHER POWER DRIVEN HORTICULTURAL MACHINERY				
i. Chain Saw /Wheel Barrow /Mango Grader/Planter and other suitable self propelled machineries and equipments for horticulture crops.	Rs.0.75 lakh	50%	Rs.0.60 lakh	40%
Manual Horticultural equipments				
i. Aluminium Ladder/Ladder	Rs.0.15 lakh	50%	Rs.0.12 lakh	40%
ii. Aluminium Pole				
iii. Plucker				
Post Harvest Equipments for food grains ,oil Seeds and Horticultural Equipments				
Establishment of PHT units for transfer of primary processing technology, value addition, low cost scientific storage, packaging units and technologies for by- product management in the production catchments.	Rs.1.80 lakh	60%	Rs.1.50 lakh	50%
i. Mini Rice Mill	Rs.2.40 lakh	60%	Rs.2.00 lakh	50%
i. Mini Dal Mill	Rs.1.50 lakh	60%	Rs.1.25 lakh	50%
ii. Millet Mill	Rs.5.40 lakh	60%	Rs.4.50 lakh	50%
iii. Oil Mill with filter press(for all types of Horticulture/Food grain/oilseed crop)	Rs.3.00 lakh	60%	Rs.2.50 lakh	50%
iv. Extractor (for all types of Horticulture/Food grain/oilseed crop)	Rs.1.80 lakh	60%	Rs.1.50 lakh	50%
v. Pomegranate Aril Extractor	Rs.1.80 lakh	60%	Rs.1.50 lakh	50%
vi. Custard Apple Pulper (for all types of Horticulture/Food grain/oilseed crop)	Rs. 1.80 lakh	60%	Rs.1.50 lakh	50%
vii. Dehydration unit/Pricking Machine/Humidifier (for all types of Horticulture/Food grain/oilseed crop)	Rs.1.80 lakh	60%	Rs.1.50 lakh	50%
viii. Packing Machines(for all types of Horticulture/Food grain/oilseed crop	Rs.3.00 lakh	60%	Rs.2.40 lakh	50%
xi. All types of Power driven Dehuskar /sheller /Threshers /Harvesters / De-spiking/ Deconing Machine/Peeler/ Spliter /Stripper(for all type of Horticulture / food grain/oil seeds Crops)	Rs.0.75 lakh	60%	Rs.0.60 lakh	50%
x. All types of Boiler/Steamer/Drier (for all types of Horticulture/Food grain/oilseed crop)	Rs.1.00 lakh	60%	Rs.0.80 lakh	50%
xi. All types of Solar Driers (for all type of Horticulture / food grain/oil seeds Crops) with floor area of about 400 to 1000 sq.feet.	Rs.3.50 lakh	60%	Rs.3.00 lakh	50%
xii.. All types of Washing Machines(for all types of Horticulture/Food grain/oilseed crop)	Rs.0.60 lakh	60%	Rs.0.50 lakh	50%
xiii All types of Grinder/Pulveriser/Polisher (for all types of Horticulture/Food grain/oilseed crop)	Rs.0.60 lakh	60%	Rs.0.50 lakh	50%
Xiii All types of Cleaner cum Grader/ Gradient separator /specific gravity separator (for all types of horticulture/Food grain/oilseed crop)	Rs.1.00 lakh	50%	Rs.0.80 lakh	40%

COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Annexure-II (c) Contd.

Component No. 3 : Financial Assistance for Procurement of Agriculture Machinery and Equipment				
Type of Agricultural Equipments ** , \$	For SC, ST, Small & Marginal farmers, Women and NE States beneficiary		For other beneficiary	
	Maximum Permissible subsidy per Machine/Equipment per beneficiary	Pattern of Assistance	Maximum Permissible Cost subsidy Machine/Equipment per beneficiary	Pattern of Assistance
Plant protection equipments				
(a) Manual sprayer: (i) Knapsack/foot/Battery operated sprayer.	Rs.0.0075 lakh	50%	Rs. 0.006 lakh.	40%
(b) Powered Knapsack sprayer/Power Operated sprayer (capacity 8 - 12 lts): (≤ 0.75 hp engine)	Rs. 0.031 lakh	50%	Rs. 0.025 lakh	40%
(b) Powered Knapsack sprayer/Power Operated sprayer (capacity above 12- 16 lts): (> 0.75 to 1.00 hp engine)	Rs.0.038 lakh	50%	Rs. 0.03 lakh	40%
(c) Powered Knapsack sprayer/Power Operated sprayer (capacity above 16lts (> 1.0 hp engine)	Rs.0.10 lakh	50%	Rs. 0.08 lakh	40%
(d) Powered Knapsack Mist blower sprayer cum Duster (> 1.0 hp engine)				
(e) Tractor Operated Sprayer (air carrier/assisted)	Rs.1.25 lakh	50%	Rs. 1.00 lakh	40%
(f) Tractor Operated Sprayer (boom type):	Rs.0.37 lakh	50%	Rs. 0.28 lakh	40%
(g) Eco Friendly Light Trap	Rs.0.015 lakh	50%	Rs. 0.012 lakh	40%
(h) Tractor Operated Electrostatic Sprayer	Rs.2.50 lakh	50%	Rs. 2.00 lakh	40%
(i) Bird Scarer	Rs.0.75 lakh	50%	Rs. 0.60 lakh	40%
Specialized Agricultural Machinery				
(a) Solar operated/electric operated animal deterrent bioacoustics equipment (with solar panel)	Rs.0.35 lakh	50%	Rs. 0.28 lakh	40%
(b) Solar operated/electric operated Animal deterrent bioacoustics equipment (without solar panel)	Rs.0.25 lakh	50%	Rs. 0.20 lakh	40%
(c) Solar operated/electric operated Hydroponic machine for rising nursery of various crops (below 500 kg capacity)	Rs.3.00 lakh	50%	Rs. 2.40 lakh	40%
(d) Solar operated/electric operated Hydroponic machine for rising nursery of various crops (500 kg and above capacity)	Rs.6.00 lakh	50%	Rs. 4.80 lakh	40%

PTO – Power Take Off

*Illustrative list of the equipments tested from FMTTIs & other designated Institutes may be referred at www.farmech.gov.in

**All tested equipments from either FMTTIs or designated Institute from DAC are only eligible for subsidy in all states under Government assisted programme

These Agricultural Implements authorized to test at designated Institute from DAC&FW.

\$ These Agricultural machinery authorized to test at FMTTIs.

& Designated Institutes notified for special equipments by separate notification by DAC&FW.

- Any extra equipment proposed by States would be considered by DAC&FW under the appropriate category of assistance
- Please also refer para 11.1.3 for details on guidelines of testing.
- The cost subsidy applicable will be limited to the %age of the cost of the machine fixed or max. permissible subsidy per machine as indicated above , whichever is lower.

COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION (SMAM)

Annexure-II (c) Contd.

Component 3: Financial Assistance for procurement of Agril. Machinery & Equipments

Type of Agriculture Equipment	For SC,ST,Small & marginal Farmers, women and NE states beneficiaries	For other Beneficiaries
Irrigation Pumps		
(a) Diesel/Electric/Tractor PTO operated/portable irrigation pumps upto 15 hp (with ISI/BEE labeled with Minimum 4 Star rated) \$\$	Rs.0.018 lakh per hp	Rs.0.015 lakh per hp
(b) Deep well (Submersible) / Shallow well Solar photovoltaic (SPV) Water pumping systems with A.C / DC Induction Motor pump Set and a suitable inverter @ , \$\$	As per Ministry of New and Renewable Energy (MNRE) , Govt.of India norms prevailing .	
(c) Remote motor operators for Electric Pumpsets	50% limited to Rs.0.07 lakh	40% limited to Rs. 0.05 lakh

\$\$ Capital subsidy is applicable on the system cost inclusive of installation, commissioning, transportation, insurance 5 years maintenance and taxes wherever applicable.

@The pumps which will be supplied under Subsidy programmes must qualify as per IEC standard and performance as per the conditions laid down in the guidelines of MNRE and tested and approved by one of IEC/NABL/MNRE accredited test labs

- (i) National Institute of Solar Energy, Gurgaon.**
- (ii) Electronic Quality and Development Center, Ahmedabad**

The similar Programme of Ministry of New and Renewable Energy, Government of India, is also implemented by the State Renewable Agency of respective States. To avoid the duplicity Agricultural Department of State Government may also consult to the State Renewable Agencies while selecting the beneficiary. The list of the beneficiary may be exchanged time to time within both the departments.

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (d)

Component No. 4: Establishment of Farm Machinery Banks for Custom Hiring:

I	Establishment of Farm Machinery Banks for Custom Hiring		
S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
A	Procurement subsidy for establishment of Custom Hiring Centre upto 10 lakh	Project based	40% limited to Rs. 4.00 lakh, whichever is less.@#
B	Procurement subsidy for establishment of Custom Hiring Centre upto 25 lakh	Project based	40% limited to Rs. 10.00 lakh, whichever is less.@#
C	Procurement subsidy for establishment of Custom Hiring Centre upto 40 lakh	Project based	40% limited to Rs. 16 .00 lakh, whichever is less.@#
D	Procurement subsidy for establishment of Custom Hiring Centre upto 60 lakh	Project based	40% limited to Rs. 24.00 lakh, whichever is less.@#

@# :The maximum permissible assistance per machine under the project will be as per the assistance indicated against each machine in Annexure –II (c) and for other machines which are not indicated in the list of Annexure –II (c), it will be 40% of the machine cost . The sample sheets of project cost calculations and allowable financial assistance is given in **Annexure - XI**

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (e)

Component No. 5: Establishment of Hi-Tech, High Productive Equipment Hub for Custom Hiring

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
A	Procurement subsidy for establishment of Custom Hiring Centre upto 100 lakh	Project based	40% limited to Rs. 40 lakh, whichever is less. @#
B	Procurement subsidy for establishment of Custom Hiring Centre upto 150 lakh	Project based	40% limited to Rs. 60 lakh, whichever is less. @#
C	Procurement subsidy for establishment of Custom Hiring Centre upto 200 lakh	Project based	40% limited to Rs. 80 lakh, whichever is less. @#
D	Procurement subsidy for establishment of Custom Hiring Centre upto 250 lakh	Project based	40% limited to Rs. 100 lakh, whichever is less. @#

@# :The maximum permissible assistance per machine under the project will be as per the assistance indicated against each machine in Annexure –II (c) and for other machines which are not indicated in the list of Annexure –II (c), it will be 40% of the machine cost . The sample sheets of project cost calculations and allowable financial assistance is given in **Annexure - XI**

Annexure-II (f)

Component No. 6:- Promotion of Farm Mechanisation in Selected Villages

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE
I	Financial assistance for Farm Machinery Banks with minimum 8 Farmers per Bank	Upto Rs.10 lakhs per Farm Machinery Bank	80% limited to Rs. 8.00 lakh, whichever is less. Annexure –II (c) may be referred for the maximum permissible assistance per machine under the project .

**COST NORMS AND PATTERN OF ASSISTANCE UNDER SUB MISSION ON AGRICULTURAL MECHANIZATION
(SMAM)**

Annexure-II (g)

Component No. 7: Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres:

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE	Norms for Intervention
I	(a) Hiring Charges to farmer members of Farm Machinery Banks set up under component (6)	Upto a maximum of 2 ha area as per following norms (i) For tractor/power operated operations – Rs. 2000/ha per farmer per year (ii) For animal drawn mechanized operations- Rs. 1000/ha per farmer per year (iii) For manual operations – Rs. 750/ha per farmer per year	50% of the cost of operation/ha	Selection of villages from districts with low productivity in Cereals, Pulses & Oilseeds identified in other Missions for demonstrations One time hiring assistance to farmer members of the farm machinery banks set up under component (6)
	(b) Field Demo by CHCs	Minimum 120 ha/season per Custom Hiring Centre	Rs. 4000/ha	Demonstration charges to custom hiring centres set up under Component (4). These demonstrations will be limited to 120 ha/village

Annexure-II (h)

Component No. 8: Promotion of Farm Machinery and Equipment in North-Eastern Region

S.N	ITEM	MAXIMUM PERMISSIBLE PROJECT COST	PATTERN OF ASSISTANCE (Project Based)	Norms for Intervention
I	(a) Financial assistance for procurement of machinery/implements	Upto Rs.1.25 lakhs per beneficiary	100% of cost of machinery/implement/equipment	8 North Eastern States to take up this on project basis with a minimum of 8-10 farmers and maximum 150 farmers in order to encourage good agricultural practices in specific crops/areas.
	(b) Financial assistance for Farm Machinery Banks for group of farmers	Upto Rs.10 lakhs per Farm Machinery Bank	95% of cost of Farm Machinery Banks. Annexure –II (c) may be referred for the maximum permissible assistance per machine under the project .	

FORMULA TO CALCULATE FARM POWER AVAILABILITY (kW/ha)	
kW/ha =	(Number of agricultural Worker x 0.05+Number of draught animal x 0.38 +Number of Tractors x 26.1+ Number of Power tillers x 5.6 + Number of electric motor x 3.7 + Number of diesel engine x 5.6)÷ Available cultivated land in ha

**LIST OF TRAINING PROGRAMMES CONDUCTED AT THE FARM MACHINERY
TRAINING & TESTING INSTITUTES**

Sl. No.	Name of the Course	Duration	Training Charges per person per course
I.	USER LEVEL COURSES:		
U1	Appropriate Mechanization Technology for Energy Management in Agriculture	4 weeks	FREE
U2	Selection, Operation, Safety and Maintenance of Improved Agricultural Machinery	6 weeks	
U3	Operation, maintenance and Management of power tiller	2 weeks	
U4	Training Program on Agro Processing & value addition Equipments	2 weeks	
U5	Gender friendly Equipments for Women farmers	3 days	
U6	Utilization of Non-conventional Energy Sources in Agriculture.	1 week	
U7	Water Management Through sprinkler and drip Irrigation & Water saving devices.	1 week	
U8	Selection, Operation, and Maintenance of Plant Protection Equipments	1 week	
U9	Selection, Operation, and Maintenance of improved Harvesting & Threshing machines	2 weeks	
U10	Selection, Operation, and Maintenance of Hand Pump	1 week	
U11	Selection, operation and maintenance of agril. Machinery for dry land agriculture.	2 week	
U12	Crop Specific Machines:		
a)	Package of Agricultural machinery for Paddy cultivation.	1 week each	FREE
b)	Package of Agricultural machinery for Maize cultivation.		
c)	Package of Agricultural machinery for Vegetable cultivation.		
d)	Package of Agricultural machinery for Sugarcane cultivation.		
e)	Package of Agricultural machinery for Horticulture & Medicinal crops cultivation.		
f)	Package of Agricultural machines for oil seed and pulse crop		
g)	Package of Agricultural machinery for forage/fodder production and fodder management.		
U13	Information Technology application in farm mechanization		

II.	TECHNICIAN LEVEL COURSES:			
	A. Courses on Repair and Overhauling			
	T1	Repair and overhauling of Stationery engines and tractors	6 weeks	Rs. 300/-
	T2	Repair & overhauling of power tillers	2 weeks	Rs. 100/-
	T3	Establishment and management of agricultural machinery repair and maintenance workshop	4 weeks	Rs. 200/-
	T4	Study & Repair of Hydraulic system in Agriculture Machines.	4 weeks	Rs. 200/-
	T5	Repair and maintenance of Auto Electrical equipments and Battery re-conditioning	3 weeks	Rs. 150/-
	T6	Repair, maintenance & rewinding of Electrical motors, and submersible pumps for agricultural use	3 weeks	Rs.150/-
	T7	Operation & maintenance of Land shaping and Development machinery	4 weeks	Rs. 500/-
	T8	Repair, maintenance & overhauling of diesel pumping sets	2 weeks	Rs. 100/-
	T9	Maintenance, repair and installation of Combine Harvesters and Straw Reaper.	3 weeks	Rs. 150/-
	B. Earning While Learning Courses:			
	TEL-1	Repair and overhauling of Stationery engines, tractors and diesel pumping sets.	6 months	Rs. 200/-
	TEL-2	Repair & overhauling of power tillers	6 months	Rs. 200/-
	TEL-3	Establishment and management of agricultural machinery repair and maintenance workshop	6 months	Rs. 200/-
	TEL-4	Repair and maintenance of Auto Electrical equipments, Battery re-conditioning, Rewinding of electrical motors and submersible pumps.	6 months	Rs. 200/-
	TEL-5	Maintenance, repair and installation of Combine Harvesters and Straw Reaper.	6 months	Rs. 200/-
III.	MANAGEMENT LEVEL COURSES: (for trainees sponsored by the commercial organizations / Banks/ Manufacturer			
	M1	Testing and Evaluation of Farm Machinery	1 week	Rs. 2500/
	M2	Agriculture Machinery Management	1 week	Rs. 2500/
	M3	Export Management of Agricultural Machinery.	1 week	Rs. 2500/
	M4	Instrumentation for Farm Machinery Testing and Evaluation	1week	Rs. 2500/
	M5	Entrepreneurship development to establish custom hiring agro-service centre	8weeks	Rs. 20000/ (Except farmers)

	M6	Farm machinery management for dealers / traders / manufacturers, etc.	1week	Rs. 2500/
IV	ACADEMIC LEVEL TRAINING PROGRAM			
	A1	Trg. program on Farm Power & Machinery for Degree/Diploma Engg.Students. (4 weeks)	4 weeks	Rs. 2000/- per course/month
	A2	Practical Training programme on Farm Power and Machinery for ITI & 10 +2 vocational students (4 weeks)	4 weeks	
V	NB	Need based Training Programme on Mechanization	As per requirement of the Sponsoring agency.	Rs. 1000/- per month (Except Farmers)
VI	FN	Training programme for Foreign National as per requirements under Bilateral programme	10 to 18 weeks (As per requirement of the Sponsoring agency)	As per Govt. policy
VII	TECHNOLOGY TRANSFER CAMPS - OFF CAMPUS			
	TT1	Energy conservation & safety in farm machinery	1 - 2 days	Free
	TT2	Familiarization and demonstration of improved/modern agril. Machines.	1 - 2 days	Free

Skill Development Programmes aligned to NSQF and notified by ASCI in the area of Farm Machinery for 12 Job Roles, eligible for financial assistance as per common funding norms of MSDE.

Qualification Pack Title	QP ID.	Proposed NSQF level	Entry requirements	Total hours
Tractor operator	AGR/Q1101	4	Class X	200
Harvesting Machine Operator	AGR/Q1102	4	Class X	200
Agriculture Machinery Operator	AGR/Q1103	4	Class 8 preferably	200
Agriculture Machinery Repair and Maintenance Service Provider	AGR/Q1111	5	Class 12 preferably	200
Custom Hiring Service Provider	AGR/Q1112	5	Class 12 preferably	200
Irrigation Service Technician	AGR/Q1104	4	Class 8 preferably	200
Operator-Reaper Thresher and Crop Residue Machinery	AGR/Q1105	4	Class 8 preferably	220
Service and Maintenance Technician-Farm Machinery	AGR/Q1106	4	Class 10 preferably	205
Agriculture Machinery Demonstrator	AGR/Q1107	5	Class 10 preferably	200
Tractor Mechanic	AGR/Q1108	4	Class 10 preferably	220
Farm Workshop Foreman/Supervisor	AGR/Q1109	5	ITI or Class 10 preferably	200
Farm Workshop/Service Manager	AGR/Q1110	6	B.Tech/ B.E / Graduate in Business Administration	200

Annexure-V**List of institutions approved by the Department of Agriculture , Cooperation & Farmers Welfare ,Ministry of Agriculture & Farmers Welfare , Government of India for Testing and Certifying Agricultural Machineries and Equipments**

S. No.	Name of the State	Name of the Institute
1	BIHAR	Faculty of Agricultural Engineering, Rajendra Agriculture University, PUSA (BIHAR)
2	CHHATTISGARH	State level Agriculture Implement Testing Centre, Directorate (Agricultural Engineering), Agriculture Department, Govt. of Chhattisgarh, TeliBandha, Gorav Path, RAIPUR (CHHATTISGARH)
3	DELHI	Division of Agricultural Engineering, Indian Agricultural Research Institute, NEW DELHI-12.
4	GUJARAT	College of Agricultural Engineering & Technology, Junagarh Agricultural University, JUNAGARH (GUJARAT)
5	HARYANA	College of Agricultural Engineering & Technology, ChoudharyCharan Singh Agriculture University, HISSAR
6	JAMMU & KASHMIR	Sher-e-Kashmir University of Agri. Science & Technology, SRINAGAR REGION (J. & K.) and JAMMU REGION (J. & K.)
7	JHARKHAND	Birsa Agriculture University, Kanke, RANCHI (JHARKHAND)
8		Jharkhand Agriculture Machinery Testing and Training Centre (JAM-TTC), Department of Agriculture and Cane Development (Directorate of Soil Conservation), Jharkhand, Agricultural Engineering Section at Extension Training Campus, Govt. of Jharkand, RANCHI (JHARKHAND)
9	KARNATAKA	University of Agricultural Sciences, Gandhi KrishiVignyan Kendra, BANGALORE (KARNATAKA.)
10		College of Agricultural Engineering, UAS, RAICHUR, KARNATAKA.
11		College of Agriculture Vijaypur, University of Agricultural sciences Belgaum Rd, Krishi Nagar, Dharwad, Karnataka 580005
12	KERALA	Farm Machinery Testing Centre, Kerala Agricultural University Kelappaji College of Agricultural Engineering & Technology Tavanur, Malappuram (Dist), Kerala- 679573
13	MADHYA PRADESH	Central Institute of Agricultural Engineering, Berasia Road, BHOPAL
14	MAHARSHTRA	Dr. A.S. College of Agricultural Engineering Mahatma Phule Krishi Vidyapeeth, Rahuri, Distt. Ahmednagar, Maharashtra (MPKV)
15		Farm Machinery Testing, Training and Production Centre, Department of Farm Power and Machinery, Dr. PDKV, Akola,
16		College of Agricultural Engineering and Technology, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, DAPOLI (MAHARSHTRA)
18	ORISSA	College of Agricultural Engineering and Technology, Orissa University of Agriculture and Technology, BHUBANESWAR
19		State Level Farm Machinery Training & Testing Centre, Agriculture Department, Government of Odisha, Bhubaneswar, Odisha.
20	PUNJAB	College of Agricultural Engineering and Technology, Punjab Agriculture University, LUDHIANA (PUNJAB)
21		Central Institute of Post Harvest Engineering and Technology (CIPHET) , Ludhiyana , 141004

Annexure-V (Contd.)

S. No.	Name of the State	Name of the Institute
22	RAJASTHAN	Farm Implements and Machinery Testing & Training Centre, Central Workshop, Swami Keshwanand Rajasthan Agricultural University, Bikaner (Rajasthan).
23		College of Technology and Agricultural Engineering, MaharanaPratap, University of Agriculture and Technology, UDAIPUR (RAJASTHAN)
24	SIKKIM	College of Agricultural Engineering and Post Harvest Technology, RANIPOOL, GANGTOK(SIKKIM)
25	TAMIL NADU	Agricultural Engineering Collage & Research Institute (AEC&RI) , Tamil Nadu Agricultural University, Kumalur , Trichy (TAMIL NADU)
26		Farm Machinery Testing Center, ICAR-Central Institute of Agricultural Engineering- Regional Center, regional centre, near AMRC, Coimbatore -641003
27	TELENGANA	Prof. Jayashanker Telengana State Agriculture University, Hyderabad
	UTTAR PRADESH	State Level Farm Machinery Training and Testing Institute, Govt. of U.P., Rehmankhera, LUCKNOW (U.P.)
28		Sam Higginbottom Institute of Agriculture, Technology & Science (AAI), Deemed University, ALLAHABAD (U.P.)
29	UTTARANCHAL	College of Technology, Gobind Ballabh Pant University of Agriculture and Technology, PANTNAGAR (UTTARANCHAL)
30	WEST BENGAL	Department of Agriculture & Food Engineering, Indian Institute of Technology, KHARAGPUR (WEST BENGAL.)
31		State Farm Machinery Training-cum-Testing Institute, Faculty of Agricultural Engineering, Bidhan Chandra KrishiViswavidyalaya (BCKVV), Mohanpur, DISTT. NADIA (WEST BENGAL)

TESTING CHARGES 2018-19 (01.04.2018 to 31.03.2019)				
Sl. No.	Item	Testing charges	GST @18%	Total
1	Components	12,213/-	2198/-	14411/-
2	Hand tools	12,213/-	2198/-	14411/-
3	Power operated thresher, decorticator, Sheller, winnowers etc.	48,822/-	8788/-	57610/-
4	Animal drawn equipments	26,043/-	4688/-	30731/-
5	Tractor drawn/ operated implements/ equipments	83,004/-	14941/-	97945/-
6	Manually operated equipment	23,598/-	4248/-	27846/-
7	Power tiller driven/ self propelled reaper etc.	48,822/-	8788/-	57610/-
8	Tractor drawn / operated seed cum fertilizer drill/ planter, straw reaper, Mini rice mill, Power seed cleaner/ Grader	87,067/-	15672/-	102739/-
9	Animal drawn Multi tool bar (Minimum for attachments)	69,161/-	12449/-	81610/-
10	Self Propelled paddy transplanter	1,18,803/-	21385/-	140188/-
11	Power Operated Multi-crops thresher (Two or more crops)	89,514/-	16113/-	105627/-
12	Samples received from Private Manufacturers : (Other than the samples under BIS Central Certification marks scheme)			
	a) IC Engines with Kerosene/LPG	22,471/-	4045/-	26516/-
	b) Pumpset (Engine + Pump) with Kerosene/LPG	42,803/-	7705/-	50508/-
	c) Pumpset without engine	20,329/-	3659/-	23988/-
	d) Knapsack Sprayer IS : 3906 (Private sample)	27,914/-	5025/-	32939/-
	e) Power Sprayer IS : 2548 (Private sample)	73,296/-	13193/-	86489/-
	<ul style="list-style-type: none"> ❖ All the testing charges in respect of items at No. 1 to 12 in the above table will be increased by 15% at the end of each financial year. ❖ Testing Charges are subject to revision from time to time ❖ The Service Tax and Cess as per the prevailing rates would be extra over and above the above testing fee. 			

Testing Charge for the post Harvest Technology Equipments and machinery (01.04.2018 to 31.03.2019).

S.NO	Name of the Machine/equipments	Testing Charges (Rs)		
		Operated with Electricity	Operated with Tractor	Operated with fuel
1	Grain Dryer (Stationary/Mobile) (Capacity 1-5 t/h)	202100	234500	208100
2	Seed/Grain Cleaner /Grader/Cleaner cum grader /Destoner, Mobile Grain Cleaner/Grader(Capacity up to 2 t/h)	97700	-	-
3	Mini dhal Mill(Capacity up to 150 kg/h)	97700		
4	Grain cleaner cum Dryer with or without treater(Capacity 1-5 T/h)	202100	234500	208100
5	Pop Corm machine (capacity up to 100 pkt/h)	37000		
6	Potato/Banana Chips Making machine(capacity up to 100 kg/h)	37000		
7	Mini rice mill/ Double Rubber sheller/ Air Cooled polisher cum Broken separator(capacity up to 1t/h)	103700		109700
8	Mini oil expeller/ extraction plant (ie. Oil seed such as soybean, mustered, ground nut , sunflower etc. (capacity up to 500 kg/h)	131000		
9	Areca nut Dehuskar(capacity up to 500 kg/h)	91700		
10	Chilli/ Masala Pounding Machine. (capacity up to 20 kg/h)	43000		
11	Hammer Beater type Pounding machine (capacity up to 100 kg/h)	64000		
12	Flour Mill machine (Attrition/Burr Mill) (capacity up to 50 kg/h)	49700		
13	Grinding Mill(capacity up to 300 kg/h)	97700		
14	Rawa suji Grinding machine Plate type(capacity up to 20 kg/h)	39800		
15	Sugar cane crusher having double roller (capacity up to 200 litre/h)	38000		
16	Sugar cane crusher having triple roller (capacity up to 1000 litre/h)	97700		
17	Papad/ Roti/ Chapti rolling/ making machine or with electricity (capacity up to 300 number /h)	39800 (operated manual also)		
18	Semi Automatic Papad/Roti/ Chapati plant (capacity up to 100 kg/h)	102700		115900 Operated with Gas and electricity
19	Vermicilli Machine (capacity up to 50 kg/h)	48100		

Note

1. To test the machine on Additional Crops, extra @40% test fee over and above the original test fee shall be charged.
2. The Raw material required for test shall be arranged by the applicant at his own cost as per the requirement of the parameters.
3. The above testing charges shall be applicable w.e.f. date of issue of order.
4. The testing charges shall be revised annually. The testing charges shall be enhanced by 10% over the test fee prevailing in the previous year. The enhanced test fee shall be applicable w.e.f 1st day of the fiscal year. The enhanced test fee shall not be made applicable on those machines which have been admitted for test before the 1st day of the fiscal year.
5. The Service Tax and Cess as per the prevailing rates would be extra over and above the above testing fee.
6. Once the machine is submitted for test with all necessary test fees and subsequently if the manufacturer/applicant withdraws the machine from test , there shall be no refund of the test fee deposited.

Testing charges for the Tractors / Power Tillers / Combine Harvesters w.e.f. 1st April, 2018 (for the period between 01.04.2018 to 31.03.2019), will be as under:-

S. No.	Name of the Machine(s)	Revised testing fee, (Rs.)	Service Tax, (Rs.)	Total amount, (Rs.)
1.	Tractors:			
	Initial Commercial Test (ICT)	721059	--	721059
	40% of test fee of ICT	288424	--	288424
	75% of test fee of ICT	540794	--	540794
	90% of test fee of ICT	648953	--	648953
	Confidential Test (ICT Fees + 10% higher)	793165	--	793165
	Conversion of nature of test from confidential to commercial	360530	--	360530
	Batch Test:	721059	--	721059
	OECD Test:	428554	--	428554
	The fees charged by the OECD for approval of each test report shall be extra.			
2.	Power Tillers:			
	Initial Commercial Test (ICT)	353727	--	353727
	Batch Test	353727	--	353727
3.	Combine Harvesters:			
	Self propelled	360530	--	360530
	The fee is without engine test. If the engine test is to be done, then additional test fee of 40% of full test fee shall be charged.			
	Tractor powered	360530	--	360530
4.	Emission:			
	Engines of Tractors, power tillers, combine harvesters and other self propelled machines	149653	--	149653
5.	CMVR:			
	Type Approval of machines under			
	Tractor	136049	--	136049
	Power Tiller	108839	--	108839
	Combine Harvester	108839	--	108839
	Tractor Trailer	Not applicable	--	Not applicable
	Amendment / Extension / Corrigendum to existing CMVR Certificates	68025	--	68025

Note:

- ❖ **The revised fee will be effective from the date of issue of this order for a period of three years or till further order of revision.**
- ❖ **The machines which are under test on or after the date of applicability of the order, the fee will be charged at the revised/new rates.**

**Sub Mission on Agricultural Mechanization (SMAM)
Format for Annual Action Plan (SEPRTAE UNDER GEN /SCP/TSP COMPONENT)**

Name of State:

Financial Year:

Nodal Department:

Background Information:

FARM POWER AVAILIBITY (kW/ha):

Main Crops:

Type of Soil:

Component No.1: Promotion and Strengthening of Agricultural Mechanisation through Training, Testing and Demonstration				
S.N	Component	Approved pattern of assistance	Estimated Cost	Central Share
i) Demonstrations				
1	Total no. of Demonstrations (i) Cropping pattern based deoms= (ii) New technology machines/equipments demos=	Rs. 4000 per Hectare per operation upto 1000 ha per District per season		
ii. Training				
1	Total no. of courses to be conducted and No. of trainees to be trained under each course (i) U1-U13= (ii) T1-T9=	Rs. 4000 per trainee per week		
iii. Augmenting the facilities and infrastructure for testing Centres				
1	Total No. of Centres to be strengthened	Rs. 150 lakhs max. per institution		
Total Cost (A): i+ii+iii =				
Component No.2: Demonstration, Training and Distribution of Post Harvest Technology and Management (PHTM)				
i. Demonstrations				
1	Total Area to be covered under demonstrations (i) Cropping pattern based demos = (ii) New technology machines/ equipments demos =	Rs. 4000 per technology upto 1000 demo per District per season		
ii. Training				
1	Total no. of courses to be conducted and No. of trainees to be trained under each course	Rs. 4000 per trainee per week		
iii. Establishment of PHT Technology				
	Total number of PHT Technologies to be established	50% of the cost limited to Rs. 1.25 lakhs, whichever is less. (Additional 10% to SC/ST/Small and Marginal/Women and North Eastern States)		

Total Cost (B): i+ii+iii =

(c) Component No.3: Financial Assistance for Procurement of Agriculture Machinery and Equipment

S.N	Component		Pattern of Assistance	Estimated Cost	Central Share	State Share
1	Name of machines to be procured	No. of machines to be procured	As per Annexure-II (c)			
	Tractor					
	Power tiller self propelled machines					
	Tractor driven implements					
	animal/manual drawn machines					
	PP Manual					
	PP Power					

Total Cost (C):

(D) Component No.4: Farm Machinery Banks for Custom Hiring

1	Total no. of farm machinery Banks	Pattern of Assistance	Estimated Cost	Central Share	State Share
a)	Upto 10 lakh =	40% limited to Rs. 4 lakh, whichever is less.			
b)	Upto 25 lakh =	40% limited to Rs. 10 lakh, whichever is less.			
c)	Upto 40 lakh =	40% limited to Rs. 16 lakh, whichever is less.			
d)	Upto 60 lakh =	40% limited to Rs. 24 lakh, whichever is less.			

Total Cost (D):

(E) Component No.5:Hi-Tech, High Productive Equipment Hub for Custom Hiring

1	Total no. of Hubs	Pattern of Assistance	Estimated Cost	Central Share	State Share
a)	Upto 100 lakh =	40% limited to Rs. 40 lakh, whichever is less.			
b)	Upto 150 lakh =	40% limited to Rs. 60 lakh, whichever is less.			
c)	Upto 200 lakh =	40% limited to Rs. 80 lakh, whichever is less.			
d)	Upto 250 lakh =	40% limited to Rs. 100 lakh, whichever is less.			

Total Cost (E):

(F) Component No.6: Promotion of Farm Mechanisation in Selected Villages

1	No. of Farm Machinery Banks	Pattern of Assistance	Estimated Cost	Central Share	State Share
		80% of the limited to Rs. 8.00 lakhs per village, whichever is less.			

Total Cost (F):**(G) Component No.7: Financial Assistance for Promotion of Mechanized Operations/hectare Carried out Through Custom Hiring Centres**

S.N	Intervention	Pattern of Assistance	Estimated Cost	Central Share	State Share
a)	Operational Charges to farmer members of Farm Machinery Banks set up under component (6) – Type of Operation & Area to be covered under each operation	50% of the cost of operation/ha limited to (i) Rs. 2000/ha per farmer per year for tractor/power ,whichever is less.operated operations (ii) Rs. 1000/ha per farmer per year for animal drawn mechanized operations and (iii) Rs. 750/ha per farmer per year for manual operations,whichever is less.			
b)	No. of Field Demo by CHCs	Rs. 4000/ha with a minimum of 120 ha/season per CHC			

Total Cost (G):**(H) Component No.8: Promotion of Farm Machinery and Equipment in North-Eastern States**

S.N	Intervention	Pattern of Assistance	Estimated Cost	Central Share	State Share																
a)	Financial assistance for procurement of machinery/ implements <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name of machines to be procured</th> <th style="width: 30%;">No. of machines to be procured</th> </tr> </thead> <tbody> <tr> <td>Tractor</td> <td></td> </tr> <tr> <td>Power tiller</td> <td></td> </tr> <tr> <td>self propelled machines</td> <td></td> </tr> <tr> <td>Tractor driven implements</td> <td></td> </tr> <tr> <td>animal/ manual drawn machines</td> <td></td> </tr> <tr> <td>PP Manual</td> <td></td> </tr> <tr> <td>PP Power</td> <td></td> </tr> </tbody> </table>	Name of machines to be procured	No. of machines to be procured	Tractor		Power tiller		self propelled machines		Tractor driven implements		animal/ manual drawn machines		PP Manual		PP Power		100% of cost of machinery/ implement/ equipment upto Rs.1.25 lakhs per beneficiary, whichever is less.			
Name of machines to be procured	No. of machines to be procured																				
Tractor																					
Power tiller																					
self propelled machines																					
Tractor driven implements																					
animal/ manual drawn machines																					
PP Manual																					
PP Power																					
b)	Financial assistance for Farm Machinery Banks for group of	95% of LIMITED TO RS.9.5 LAKH per Farm Machinery																			

	farmers	Bank, whichever is less.			
Total Cost (H):					
(I) Flexi Funds:					
1	Local Initiatives (25% of the approved outlay)				
Total Cost (I)					
J. Management/Administrative Cost (<5%):					
Total Cost (A+B+C+D+E+F+G+H+I+J)=					
Total Central Share=					
Total State Share=					

FORM GFR 12-C
(See Government of India's Decision (i) below rule 239)
Form of Utilization Certificate (FOR STATE GOVERNMENTS
(Where expenditure incurred by Govt. bodies only)

SI. No	Letter No. & Date	Amount	
			Certified that out of Rs. -----of grants sanctioned during the year.....in favour of -----under the Ministry/ Department Letter No. given in the margin and Rs. ----- on account of unspent balance of the previous year, a sum of Rs. ----- has been utilized for the propose of ----- for which it was sanctioned and that the balance of Rs. -----remaining unutilized at the end of the year has been surrendered to Government (vide No. ----- dated -----)/will be adjusted towards the grants payable during the next year -----
	Total		

2. Certified that I have certified myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kind of checks exercised.

- 1)
- 2)
- 3)

Signature: -----

Name: -----

Designation: -----

PS: The UC shall disclose separately the actual expenditure incurred and loans and advance given to the suppliers of stores and assets, to construction agencies and like in accordance with scheme guidelines and in furtherance to the scheme objectives, which do not constitute expenditure at the stage. These shall be treated as utilized grants but allowed to be carried forward.

FORM GFR 12-A
 [(See Rule 238 (1))]

**FORM OF UTILIZATION CERTIFICATE
 FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION**

UTILIZATION CERTIFICATE FOR THE YEAR..... in respect
 Of recurring/non-recurring
 GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme.....
2. Whether recurring or non-recurring grants.....
3. Grants position at the beginning of the Financial year
 - (i) Cash in Hand/Bank
 - (ii) Unadjusted advances
 - (iii) Total
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [Figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-+3+4)	Expenditure incurred	Closing Balances (5-6)
			1	2	3			
			Sanction No. (i)	Date (ii)	Amount (iii)			

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total

Details of grants position at the end of the year

- (i) Cash in Hand/Bank
- (ii) Unadjusted Advances
- (iii) Total

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

(i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.

(ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.

(iv) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.

(v) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.

(vi) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.

(vii) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.

(viii) It has been ensured that the physical and financial performance under..... (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.

(ix) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.) (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date:.....

Signature: -----

Name: -----

Designation: -----

Place:

Signature

Name.....

Chief Finance Officer

(Head of the Finance)

(Strike out inapplicable terms)

Sub Mission on Agricultural Mechanization (SMAM)
Format for Quarterly / Annual Progress Report

Name of State:

Financial Year:

Nodal Department:

S.N	Components	Activities	Target Approved by DAC&FW		Quarterly / Annual Progress Report			
					Achievements for quarter I/II/III		Achievements till 31 st March	
			Physical	Financial	Physical	Financial	Physical	Financial
1	Promotion and Strengthening of Agricultural Mechanization through Training, Testing and Demonstration	a) Trainees trained in U1-U13 courses	No. of Trainees					
		b) Trainees trained in T1-T9 courses	No. of trainees					
		c) Institution strengthened for testing	Name of the inst.					
		d) Demonstration on cropping system based approach	Area covered (ha), Type of equipments and Type of cropping system					
		e) Demonstration of new technology equipments/ machines	Type of equipments and Area covered (ha)					
2	Demonstration, Training and distribution of Post-Harvest Technology and Management (PHTM)	a) Name & No. of courses	No. of Trainees trained					
		b) Demonstration of PHT	Name of technology & Area in ha					
		c) Establishment of Post Harvest Technologies	Name and No. of technologies established					
3	Financial Assistance for Procurement of Agriculture Machinery and Equipment	Type of machines	No. of machines procured					
		a) Tractor						
		b) Power tiller						
		c) self propelled machines						
		d) Tractor driven implements						
		e) Animal/manual drawn machines						
		f) PP Manual						
g) PP Power								

4	Establish Farm Machinery Banks for Custom Hiring	Size of FM Bank	No. of Banks established					
		Upto 10 lakh						
		Upto 25 lakh						
		Upto 40 lakh						
		Upto 60 lakh						
5	Establish Hi-Tech, High Productive Equipment Hub for Custom Hiring	Size of Hi-tech Hub	No. of Hubs established					
		Upto 100 lakh						
		Upto 150 lakh						
		Upto 200 lakh						
		Upto 250 lakh						
6	Promotion of farm mechanisation in selected villages	Farm Machinery Banks established	No. of Banks established					
7	Financial Assistance for promotion of Mechanized operations/hectare carried out through custom hiring Centres	a) Operational Charges to the farmer members of Farm Machinery Banks set up under component (6)	Name of the operation and area covered (ha)					
		b) Demonstrations by CHCs under component (7)	Name of the equipment & No. of Field Demo organized and area covered					
8	Promotion of farm machinery and equipment in North-Eastern States	Type of machines	No. of machines procured					
		a) Tractor						
		b) Power tiller						
		c) self propelled machines						
		d) Tractor driven implements						
		e) Animal/manual drawn machines						
		f) PP Manual						
		g) PP Power						
Farm Machinery Banks for group of farmers	No. of Banks established							
9	Flexi Funds(Local Initiatives)	Type of local initiatives						
10	Management/Administrative Cost (≤1%):							
	Total:							

Annexure -X

The Educational Qualification/Experience and the duties/ responsibilities that may be assigned to the above stated additional manpower may be as under:

Level and Post	Educational Qualification & Experience	Duties and Responsibilities
Consultant	Degree in Agricultural Engineering. At least 15 years experience in Agricultural Mechanization preferably in handling the schemes/ programmes of mechanization at National level	<ol style="list-style-type: none"> 1. To provide technical guidance on matters related to interventions proposed in the Sub-Mission. To develop standardized formats of action plans 2. To assist State in planning, formulation of action plans, whenever required. 3. To provide technical assistance to M&T Division staff in scrutinizing the action plans received from the States. 4. To Establish time-lines and indicators for completion of each activity 5. To supervise the quality of implementation of various interventions proposed in the Mission 6. To assist senior officers in synchronizing and synergizing with other divisions of DAC; State governments; State agriculture Universities; ICAR research institutions and other stake holders on technical front. 7. To analyze the data received from various States and to come up with suggestions wherever improvements are required in the execution of the activities. 8. Documentation and dissemination of contribution of various interventions 9. To render overall help to the technical staff working in the M&T Division. 10. To perform other tasks specified by the Joint Secretary (M&T)
Senior Programmer	Masters degree in Computer Science from recognized university/ institutes with 4 years experience in developing web based applications and independently handling of projects	<ol style="list-style-type: none"> 1. To develop web-based application software for effective implementation and monitoring the components of Sub-Mission. 2. Updating the website. 3. Guidance to the States for development of application software for implementing the sub-Mission

Technical Assistant (Programming)	Bachelor degree in Computer Science from recognized university/ institutes with at least one year experience in developing web based applications .	1. Assist Senior Programmer for performing the duties and responsibilities assigned to him.
Technical Assistant (Farm Mechanization)	Degree in Agricultural Engineering with one year experience of working in farm mechanization projects/ schemes	<ol style="list-style-type: none"> 1. To procure, compile and analyze the State wise data relating to the proposed interventions of the Mission activities. 2. To maintain relevant records/ file and data of the various Mission activities. 3. To assist in developing uniform formats for submission of action plans; monitoring and evaluation formats. 4. To assist in scrutinizing the action plans for the interventions proposed. 5. To undertake field visits to assess the progress of the Mission activities. 6. To assist officers of the M&T Division on all technical matters. 7. To undertake other works assigned from time to time.
Data Entry operator	Graduate with six months computer course. Minimum one year experience in relevant field of work	<ol style="list-style-type: none"> 1. To enter the data in the web-based application software. 2. Attend computer typing work
Attendant/ Peon	Matriculate	To attend Officers in the M&T Division for file movements, photocopying and miscellaneous works.

Annexure - XI

Sample sheets of project cost calculations and allowable financial assistance for establishing Custom Hiring Centres.

Project cost of CHC upto Rs. 60 lakhs

S.No.	Name of the equipment/ machines	No. of machines/ equipment	Unit cost of machine/ Equipment (Rs. in lakhs)	Total cost of machines/ Equipment (project) (Rs. in lakhs)	Rate of financial assistance	Maximum permissible subsidy limited to as per Annexure II (c) (Rs. in lakhs)
1	Super Straw Management System (Super SMS) to be attached with Combine Harvester	01	1.20	1.20	40%	0.45
2	Happy Seeder (10 tine)	01	1.60	1.60	40%	0.605
3.	Paddy Straw Chopper (combo)	01	2.90	2.90	40%	1.12
4.	Paddy Mulcher (7ft)	01	1.65	1.65	40%	0.627
5.	Hydraulically Reversible M.B. Plough (3 bottom)	01	1.90	3.80	40%	1.432
6.	Rotary Slasher	02	0.55	1.10	40%	0.36
7.	Tractor (4WD , 38 PTO HP)	02	6.50	13.0	40%	4.80
8.	Laser land leveler	01	4.25	4.25	40%	1.60
9.	Reaper cum binder (self-propelled , 3 wheel)	01	3.75	3.75	40%	1.40
10	Mini Rice Mill	01	5.0	5.0	40%	2.00
11	Mini Dal Mill	01	3.0	3.0	40%	1.25
	Total			41.25		15.64

प्रति,

१. विभागीय कृषि सहसंचालक..... (सर्व)
२. जिल्हा अधिक्षक कृषि अधिकारी,(सर्व)

**विषय : "उन्नत शेती - समृद्ध शेतकरी" मोहिमेंतर्गत यांत्रिकीकरण घटकाची अंमलबजावणी
करण्यासाठी कार्यपद्धती बाबत मार्गदर्शक सुचना (अंतिम).**

- संदर्भ : १. शासन निर्णय क्र. ०४१८/प्र.क्र.१५५/१४-अ, मुंबई, दि.२७/०४/२०१८
२. जा.क्र.उशेसशे/कृषि.यांत्रि/२०१८-१९/२९७/२०१८ दि.१४/०६/२०१८

सन २०१७-१८ मध्ये 'उन्नत शेती-समृद्ध शेतकरी' या मोहिमेंतर्गत कृषि यांत्रिकीकरणास मोठ्या प्रमाणात चालना देण्याचे दृष्टीने शासनाने भरीव निधी उपलब्ध करून दिला होता. सन २०१८-१९ मध्येही कृषि यांत्रिकीकरणास मोठ्या प्रमाणात चालना देण्याचे दृष्टीने शासनाने भरीव निधी उपलब्ध करून देण्याचे शासनाने ठरविले आहे. कृषि यांत्रिकीकरण या घटका करिता सर्व योजनांचा मिळून एकत्रितपणे प्राप्त होणारा निधी लक्षात घेऊन याही वर्षी यांत्रिकीकरणाचा कार्यक्रम राबवावयाचा आहे. याबाबतच्या मार्गदर्शक सूचना उपरोक्त संदर्भिय शासन निर्णयातील परिच्छेद क्र.४.५ मध्ये दिलेल्या आहेत. त्यानुसार, लाभार्थी निवडीपासून त्यांना अनुदान वाटप करणेपर्यंत अवलंबावयाची कार्यपद्धती खालीलप्रमाणे विहित करण्यात येत आहे.

१. अर्ज प्राप्त झाल्यानंतरची कार्यवाही :-

१.१ सर्व योजनांतर्गत (कृषि यांत्रिकीकरण उप अभियान, राष्ट्रीय अन्न सुरक्षा अभियान-अन्नधान्य, राष्ट्रीय अन्न सुरक्षा अभियान-गळीतधान्य, राष्ट्रीय कृषि विकास योजना) यांत्रिकीकरणासाठी प्राप्त होणाऱ्या एकूण निधीपैकी फक्त कृषि यांत्रिकीकरण उप अभियान अंतर्गत लक्षांकाच्या मर्यादेत ट्रॅक्टरचा लाभ देता येईल. राकृवियो अंतर्गत ट्रॅक्टर व पॉवर टिलरचा लाभ देता येणार नाही. इतर योजनांमध्ये ट्रॅक्टरचा लाभ देता येणार नाही. त्यामुळे, तालुका कृषि अधिकारी यांनी तालुक्यास अर्ज सादर करावयाच्या अंतिम दिनांकापर्यंत प्राप्त झालेल्या अर्जांचे प्रथमतः ट्रॅक्टर व यंत्र /औजारांचे स्वतंत्र वर्गीकरण/ गठ्ठे करावे, आणि त्यानंतर ट्रॅक्टर व यंत्र / औजारांकरिता प्राप्त अर्जांचे प्रवर्ग निहाय (अनुसूचित जाती, अनुसूचित जमाती, खुला) विवरण तयार करून त्यावर प्राप्त अर्जांची यादी लावावी.

१.२ तालुका कृषि अधिकारी यांनी अर्जांची यादी तालुका कृषि अधिकारी कार्यालयात दर्शनी भागात लावावी जेणेकरून सर्व शेतकऱ्यांना आपले नाव सोडतीसाठी समाविष्ट असल्याची खात्री होईल.

२. लक्षांक वाटप :-

२.१ जिल्हा निहाय लक्षांक निश्चिती:

प्रथमतः सर्व योजनातील यांत्रिकीकरणाच्या बाबीकरिता उपलब्ध होणारा एकूण निधी विचारात घेऊन राज्य स्तरावरून जिल्ह्यांना आर्थिक लक्षांक वाटप पुढील निकषांच्या आधारे करण्यात येईल.

१. सर्व जिल्ह्यांना 'खातेदारांची संख्या' या प्रमुख निकषांवर प्रचलीत योजनांतर्गत यांत्रिकीकरण घटकासाठी एकूण आर्थिक लक्षांकातून जिल्हानिहाय लक्षांक देण्यात येईल.

२. सर्व योजनांतर्गत यांत्रिकीकरणासाठी उपलब्ध होणारा निधी हा राज्याचा एकूण आर्थिक लक्षांक राहिल.
३. राज्याच्या या एकूण आर्थिक लक्षांकाचे राज्यातील विविध प्रवर्गांच्या खातेदारांच्या संख्येच्या प्रमाणात प्रथमतः राज्यस्तरावर वाटप करण्यात यावे. प्रवर्गनिहाय वाटप करताना सध्यास्थितीत प्रचलीत योजनांतर्गत केंद्र शासनाने ज्या प्रमाणात प्रवर्गनिहाय निधी वितरीत केला आहे, त्याच प्रमाणात प्रवर्गनिहाय निधी वितरीत करून खर्च करण्यात यावा.
४. तदनंतर, प्रत्येक जिल्ह्यातील खातेदारांच्या एकूण संख्येचे राज्यातील एकूण खातेदारांच्या संख्येशी असलेले प्रमाण, हा त्या जिल्ह्याला यांत्रिकीकरणाकरिता लक्षांक वाटपाचा निकष राहिल आणि त्याप्रमाणात, एकूण आर्थिक लक्षांकातून प्रत्येक जिल्ह्यास यांत्रिकीकरणाकरिता एकूण आर्थिक लक्षांक वाटप करण्यात येईल.
५. प्रत्येक जिल्ह्यास यांत्रिकीकरणाकरिता लक्षांक वाटप करतेवेळी संबंधित जिल्ह्यातील खातेदारांच्या एकूण संख्येमध्ये सर्वसाधारण, अनुसूचित जाती व अनुसूचित जमातींचे जेवढे प्रमाण असेल त्याप्रमाणात, राज्य स्तरावर प्रवर्ग निहाय निश्चित केलेल्या एकूण लक्षांकातून सर्व जिल्ह्यांना प्रवर्ग निहाय लक्षांक मंजूर करण्यात येईल.

२.२ तालुका निहाय लक्षांक वाटप :-

१. यांत्रिकीकरणासाठी जिल्ह्यास प्राप्त होणाऱ्यां एकूण आर्थिक लक्षांकाचे तालुक्यातील **खातेदारांच्या संख्येच्या प्रमाणात** तालुका निहाय वाटप करावे. त्याचप्रमाणे, जिल्ह्यातील प्रत्येक तालुक्यात खातेदारांच्या एकूण संख्येमध्ये सर्वसाधारण, अनुसूचित जाती व अनुसूचित जमातींचे जेवढे प्रमाण असेल त्या प्रमाणात प्रत्येक तालुक्यांना प्रवर्ग निहाय लक्षांक मंजूर करण्याची कार्यवाही जिल्हा अधिक्षक कृषि अधिकाऱ्यांनी करावी.
२. जिल्हा अधिक्षक कृषि अधिकाऱ्यांनी प्रत्येक तालुक्यास यांत्रिकीकरणासाठी प्रवर्ग निहाय निश्चित करून दिलेल्या आर्थिक लक्षांकापैकी प्रत्येक प्रवर्गाचा ट्रॅक्टरसाठी व उर्वरित यंत्र/औजारांकरिता आर्थिक लक्षांक म्हणून त्या-त्या प्रवर्गासाठी निश्चित करून द्यावा.
३. तालुक्यांतर्गत ट्रॅक्टर आणि यंत्र/औजारांकरिता प्रवर्ग निहाय आर्थिक लक्षांक निश्चित केल्यानंतर, या तिन्ही प्रवर्गासाठी प्राप्त झालेल्या आर्थिक लक्षांकापैकी ३०% निधी त्या - त्या प्रवर्गातील महिला लाभार्थ्यांसाठी राखीव ठेवण्यात यावा, व उर्वरित ७०% निधी त्या - त्या प्रवर्गातील पुरुष / महिला लाभार्थ्यांसाठी उपलब्ध असेल.

३. लाभार्थी निवडीची कार्यपध्दती :-

जाहिरातीत नमूद केल्याप्रमाणे सोडतीद्वारे लाभार्थी निवडीचे ठिकाण, दिनांक व वेळ तसेच अर्ज स्विकृती पासून ते सोडतीपर्यंतचे संपूर्ण नियोजन जिल्हा अधिक्षक कृषि अधिकारी, कृषि उपसंचालक व संबंधित उप विभागीय कृषि अधिकारी यांनी करावयाचे आहे. तसेच ज्या प्रचलीत योजनांमध्ये मा. जिल्हाधिकारी यांचे अध्यक्षतेखालील जिल्हास्तरीय समितीच्या मान्यतेने लाभार्थी निवड करावयाची आहे, त्या योजनांकरिता जिल्हा अधिक्षक कृषि अधिकारी यांनी ही सोडत काढण्यास जिल्हास्तरीय कार्यकारी समितीची मान्यता घ्यावी व तदनंतर उपविभागीय कृषि अधिकारी यांनी तालुक्याच्या ठिकाणी सोडत काढावयाची आहे. ज्या तालुक्याची सोडत काढावयाची आहे, त्याची जबाबदारी संबंधित उप विभागीय कृषि अधिकारी, व संबंधित तालुका कृषि अधिकारी यांची राहिल. तसेच संबंधित उप विभागीय कृषि अधिकारी आवश्यकतेनुसार उप विभागातील मंडळ कृषि अधिकारी यांची मदत घेऊ शकतील.

३.१ लाभार्थी निवडीचे खालीलप्रमाणे दोन टप्पे रहातील -

अ. तालुक्यातील सर्व अर्जदारांची सोडतीद्वारे ज्येष्ठता क्रमवारी निश्चित करणे :-

१. प्रथमतः सोडतीकरिता उपस्थित असलेल्या शेतकरी बांधवाना यांत्रिकीकरणासाठी प्रवर्ग निहाय प्राप्त आर्थिक लक्षांकाची व सोडत प्रक्रियेची सविस्तर माहिती द्यावी. तसेच, निवड प्रक्रियेदरम्यान वरचेवर निवडलेल्या लाभार्थ्यांची व प्रवर्ग निहाय शिल्लक राहिलेल्या अनुदानाची माहिती उपस्थित शेतकरी बांधवाना देत राहावी.

२. एका लाभार्थ्याला ट्रॅक्टर अथवा यंत्र/औजारांसाठी एकाच बाबीसाठी अनुदान देय आहे. सबब, ट्रॅक्टर करिता प्राप्त झालेल्या सर्व अर्जांतून ट्रॅक्टर करिता स्वतंत्र सोडत काढावी, आणि यंत्र/औजारांकरिता प्राप्त झालेल्या सर्व अर्जांतून यंत्र/औजारांकरिता स्वतंत्र सोडत काढावी.

३. एका अर्जदारास केवळ एकाच यंत्र/औजारांकरिता अनुदान देय आहे, मात्र एक अर्जदार वेगवेगळ्या यंत्र/औजारांकरिता स्वतंत्र अर्ज करू शकतात. तथापि, एकाच यंत्र/औजारांकरिता अर्जदाराने अनेक अर्ज केले असल्यास त्याचा त्या यंत्र / औजारांकरिता एकच अर्ज सोडत प्रक्रियेकरिता गृहीत धरण्यात यावा. असे करताना, ट्रॅक्टर अथवा यंत्र / औजारांसाठी लाभार्थीने केलेल्या अनेक अर्जांपैकी ज्या ट्रॅक्टर अथवा यंत्र / औजारांसाठी अनुदानाची रक्कम जास्त आहे तो अर्ज सोडतीसाठी गृहित धरून इतर अर्ज रद्द करण्यात यावेत. सदर बाबीची कल्पना सोडतीकरिता उपस्थित असलेल्या शेतकरी बांधवाना देण्यात यावी.

४. अशाप्रकारे, या दोन स्वतंत्र सोडतीद्वारे ट्रॅक्टर करिता आणि यंत्र / औजारांकरिता अर्ज केलेल्या सर्व अर्जदारांची स्वतंत्रपणे दोन ज्येष्ठता क्रमवारी (Seniority Ranking) निश्चित करून घ्याव्यात. ही सोडत काढताना तालुक्यासाठी प्राप्त झालेल्या आर्थिक लक्षांकाचा विचार करावयाचा नाही. सदर ज्येष्ठता क्रमवारी त्या - त्या आर्थिक वर्षाच्या अखेरपर्यंतच लागू (valid) राहिल व त्या दिवसानंतर सदर ज्येष्ठता क्रमवारी अपोआप रद्द होईल.

५. अशाप्रकारे, तालुक्यातून प्राप्त सर्व अर्जदारांचा त्यांनी ज्या बाबीसाठी (ट्रॅक्टर अथवा यंत्र/औजारे) अर्ज केला असेल, त्या बाबी करिताच्या ज्येष्ठता क्रमवारीत समावेश असेल व त्यांना सोडतीद्वारे मिळालेला ज्येष्ठता क्रमांक देखील माहित राहिल.

आ. प्रवर्ग निहाय आर्थिक लक्षांकाच्या मर्यादेत ज्येष्ठता क्रमवारीतून लाभार्थ्यांची निवड करणे :-

१. ट्रॅक्टर व यंत्र/औजारांकरिता निश्चित केलेल्या अर्जदारांच्या दोन स्वतंत्र ज्येष्ठता क्रमवारीतून लाभार्थ्यांची निवड करावयाची आहे. सदर निवड प्रक्रिया तालुका निहाय राबवावयाची आहे.

२. ट्रॅक्टरसाठी व यंत्र/औजारांच्या ज्येष्ठता क्रमवारीतून लाभार्थ्यांची क्रमा-क्रमाने निवड करण्यात यावी. असे करताना, निवडलेला लाभार्थी ज्या प्रवर्गाचा असेल त्या प्रवर्गासाठी ट्रॅक्टर अथवा यंत्र/औजारांसाठी निश्चित केलेल्या आर्थिक लक्षांकातून लाभार्थ्याने पसंती दर्शविलेल्या ट्रॅक्टरसाठी अथवा यंत्र/औजारांसाठी देय असलेले अनुदान वरचेवर वजा करत रहावे.

३. ज्येष्ठता क्रमवारीतून लाभार्थ्यांची क्रमा-क्रमाने निवड करतेवेळी महिला लाभार्थी ज्या प्रवर्गातील असतील त्यांना प्रथमतः त्या-त्या प्रवर्गातील महिला लाभार्थ्यांसाठी निश्चित केलेल्या आर्थिक लक्षांकातून अनुदान देण्यात यावे, आणि त्या-त्या प्रवर्गातील महिला लाभार्थ्यांसाठीच्या लक्षांकाची पूर्तता झाल्यानंतरही ज्येष्ठता क्रमवारीनुसार महिला लाभार्थी उपलब्ध झाल्यास, त्यांना संबंधित प्रवर्गातील पुरुष/महिला लाभार्थ्यांसाठीच्या लक्षांकातून अनुदान देण्यात यावे.

४. ज्येष्ठता क्रमवारीतून लाभार्थ्यांची क्रमा-क्रमाने निवड करतेवेळी अनुसूचित जाती व जमातीच्या लाभार्थ्यांना प्रथमतः त्यांच्या प्रवर्गासाठी निश्चित केलेल्या आर्थिक लक्षांकातून अनुदान देण्यात यावे, आणि त्या-त्या प्रवर्गाचा आर्थिक लक्षांक पूर्ण झाल्यानंतरही ज्येष्ठता क्रमवारीनुसार अनुसूचित जाती अथवा अनुसूचित जमाती प्रवर्गातील लाभार्थी उपलब्ध झाल्यास, त्यांना सर्वसाधारण प्रवर्गासाठी निश्चित केलेल्या लक्षांकातून अनुदान देण्यात यावे. असे करताना, सदर लाभार्थी महिला असल्यास त्यास सर्वसाधारण महिलांसाठी शिल्लक असलेल्या लक्षांकातून अनुदान देण्यात यावे, अन्यथा त्यांना सर्वसाधारण पुरुष/महिला लाभार्थ्यांसाठीच्या शिल्लक लक्षांकातून अनुदान द्यावे.

५. अनुसूचित जाती व अनुसूचित जमातीतील प्रवर्गासाठी निश्चित केलेला निधी केवळ त्याच प्रवर्गातील लाभार्थ्यांसाठी वापरता येईल.

६. ज्येष्ठता क्रमवारीमध्ये पुरेशा प्रमाणात महिला लाभार्थी उपलब्ध न झाल्यास त्याच प्रवर्गातील पुरुष लाभार्थींची सोडतीद्वारे निश्चित केलेल्या ज्येष्ठता क्रमवारीतील क्रमानुसार निवड करावी.

७. कृषि यांत्रिकीकरण योजनेतर्गत ट्रॅक्टर अथवा यंत्र/औजारांच्या खरेदीसाठी कुटुंबातील (कुटुंब म्हणजे आई-वडील व त्यांच्यावर अवलंबून असलेली अविवाहीत अपत्य) एकापेक्षा जास्त सदस्यांची सोडतीमध्ये नावे आल्यास, त्यातील कोणत्याही एका सदस्यास यथास्थिती, ट्रॅक्टर अथवा यंत्र/औजारांच्या खरेदीसाठी अनुदान देय राहिल. त्याकरीता कुटुंबातील सदस्यांपैकी ज्या सदस्यांची नावे वगळायची आहेत त्यांच्याकडून नावे वगळण्याबाबत लेखी संमतीपत्र घेण्यात यावे.

१०. कुटुंबातील आई-वडील अथवा त्यांच्यावर अवलंबून असलेल्या अविवाहीत अपत्यांच्या नावे ट्रॅक्टर असल्यास आणि सदर कुटुंबातील अन्य सदस्याने ट्रॅक्टर चलीत यंत्र/औजारांसाठी अर्ज केला असल्यास अशा लाभार्थ्यांना सदर यंत्र / औजारांच्या खरेदीसाठी अनुदान अनुज्ञेय राहिल, या करीता संबंधीत लाभार्थ्यांस कुटुंबातील सदस्यांच्या नावावर ट्रॅक्टर असल्यास पुरावा सादर करणे बंधनकारक राहिल.

११. यथावकाश, इतर तालुक्यातून अथवा अन्य जिल्ह्यातून निधी उपलब्ध झाल्यास प्रतीक्षा यादीतील लाभार्थ्यांची उपलब्ध होणाऱ्या निधीच्या मर्यादेत प्रवर्ग निहाय उपरोक्त कार्यपद्धती नुसारच निवड करावी.

४. उद्दिष्टा इतके अर्ज प्राप्त न झाल्यास करावयाची कार्यवाही :-

१. तालुक्यामध्ये नेमून दिलेल्या उद्दिष्टांइतके अर्ज प्राप्त न झाल्यास त्या तालुक्यासाठी पुनःश्च जाहिरात देवून अर्ज मागवावेत आणि प्राप्त होणाऱ्या अर्जातून लाभार्थी निवडीसाठी उपरोक्त विहित कार्यपद्धतीनुसार कार्यवाही करावी.

२. तालुक्यामध्ये दुसऱ्यांदा संधी देवूनही लक्षांकाएवढे अर्ज प्राप्त न झाल्यास, जिल्हा अधिक्षक कृषि अधिकारी यांनी संबंधित तालुक्याच्या शिल्लक निधीचे फेर-वाटप त्या जिल्ह्यामधील निधीची मागणी असलेल्या अन्य तालुक्यांना, त्यांच्या मूळ लक्षांकाच्या प्रमाणात करावे.

३. त्याचप्रमाणे, जिल्ह्याचा निधी शिल्लक राहत असल्यास, प्रथमतः त्याच प्रादेशिक कृषि विभागातील अन्य जिल्ह्यास निधीचे फेर-वाटप विभागीय कृषि सह संचालक यांनी जिल्ह्यांच्या लक्षांकाच्या प्रमाणात करावी.

४. प्रादेशिक कृषि विभागातील काही जिल्ह्यांचा निधी फेर-वाटपानंतरही शिल्लक राहिल्यास, सदर निधी राज्यस्तरावरून निधीची मागणी असलेल्या अन्य विभागातील जिल्ह्यांना, त्यांच्या मूळ लक्षांकाच्या प्रमाणात वाटप करण्यात येईल. असे करताना, लातूर व औरंगाबाद कृषि विभागातील निधी शिल्लक असल्यास, प्रथमतः सदर निधी मराठवाड्यामध्ये उपलब्ध करून दिला जाईल. तसेच, अमरावती व नागपूर विभागातील निधी शिल्लक असल्यास, प्रथमतः विदर्भामध्ये उपलब्ध करून देण्यात येईल, आणि पुणे व कोल्हापूर विभागातील निधी शिल्लक असल्यास, प्रथमतः पुणे महसूल विभागात उपलब्ध करून देण्यात येईल. नाशिक कृषि विभागातील निधी शिल्लक असल्यास, प्रथमतः सदर निधी खानदेश विभागामध्ये उपलब्ध करून दिला जाईल. ठाणे कृषि विभागातील निधी शिल्लक असल्यास, प्रथमतः सदर निधी कोकण विभागात उपलब्ध करून दिला जाईल. सदर कार्यवाही जिल्ह्यांच्या लक्षांकाच्या प्रमाणात कृषी आयुक्तालय स्तरावरून संबंधित कृषि संचालक यांचेकडून करण्यात येईल.

५. लाभार्थी निवडीनंतर करावयाची कार्यपद्धती :-

सोडतीच्या दिवशी उपस्थित असलेल्यापैकी ज्या शेतकऱ्यांची लाभार्थी म्हणून निवड झाली असेल, त्यांना त्यांच्या निवडीबाबतचे पत्र (पूर्व-संमती पत्र नाही) तालुका कृषि अधिकारी यांनी दयावयाचे आहे, आणि अनुपस्थित असलेल्या लाभार्थ्यांना त्यांच्या निवडी बाबतचे पत्र संबंधित गावच्या कृषि सहाय्यकामार्फत घर पोहोच करावयाचे

आहे. या पत्रामध्ये लाभार्थ्याने खालील कागदपत्रे सादर करण्याबाबत कळवावयाचे आहे (लाभार्थी निवड पत्र प्रपत्र-१).

१) लाभार्थ्यांचा ७-१२ व ८-अ चा उतारा.

२) जे यंत्र/औजार खरेदी करावयाचे आहे त्याचे कोटेशन व केंद्र शासनाची मान्यता प्राप्त असलेल्या तपासणी संस्थेचे परिक्षण (Testing) प्रमाणपत्र / पुरावा. (मान्यता प्राप्त तपासणी संस्थांची यादी सोबत जोडली आहे.

(प्रपत्र-५))

३) लाभार्थी अनुसूचित जाती व जमाती प्रवर्गातील असल्यास वैध अधिकाऱ्यांचे प्रमाणपत्र.

४) आधार संलग्न बँक खाते क्रमांक बँक पुस्तकाच्या पहिल्या पानाची झेरॉक्स.

५) आधार कार्डाची झेरॉक्स (नसल्यास आधार कार्डाची मागणी केलेल्या पावतीची झेरॉक्स)

६) लाभार्थ्यांचा भ्रमणध्वनी क्रमांक.

उपरोक्त सर्व कागदपत्रासह प्रस्ताव लाभार्थ्याने मंडळ कृषि अधिकारी/तालुका कृषि अधिकारी यांना १० कार्यालयीन दिवसात सादर करावयाचा आहे.

६. पूर्व-संमती :-

१. लाभार्थ्यांच्या निवडीनंतर त्यांनी दिलेल्या प्रस्तावाची पडताळणी झाल्यानंतर, तो लाभार्थी, आणि घेऊ इच्छित असलेले ट्रॅक्टर अथवा यंत्र/औजार अनुदानास पात्र ठरते किंवा नाही याची तालुका कृषि अधिकारी यांनी पूर्ण खात्री करावी.

२. शेतकऱ्यांना गुणवत्तापूर्ण यंत्र/औजारांचा पुरवठा व्हावा म्हणून शेतकऱ्यांनी केंद्र व राज्य शासनाच्या अधिकृत सक्षम संस्थांनी ज्या कृषि यंत्र/औजारांचे रीतसर परिक्षण (Testing) करून ते BIS अथवा अन्य सक्षम संस्थांनी निश्चित केलेल्या प्रमाणकानुसार (Standards/Specification) असल्याचे प्रमाणित केले असेल अशाच यंत्र/औजारांना पूर्वसंमती प्रदान करावी.

५. अशाप्रकारे, अनुदानास पात्र असल्याबाबत तालुका कृषि अधिकार्यांची खात्री पटलेल्या लाभार्थ्यांना ट्रॅक्टर अथवा यंत्र/औजार खरेदी करण्यास पूर्व-संमती दयावी. पूर्वसंमती पत्राचा नमुना सोबत जोडला आहे. (प्रपत्र-२).

४. पूर्वसंमती मिळालेल्या लाभार्थ्यांनी बाजारातील अधिकृत विक्रेत्याकडून यंत्र/औजारांची खरेदी करताना स्वतःच्या बँक खात्यातून इलेक्ट्रॉनिक पध्दतीने/धनादेश/धनाकर्षाद्वारे विक्रेत्यास रक्कम अदा करणे बंधनकारक राहिल.

६. लाभार्थ्याने पूर्व-संमतीनंतर ट्रॅक्टर अथवा यंत्र/औजाराची खरेदी करून खरेदीची पावती मंडळ कृषि अधिकारी / तालुका कृषि अधिकारी यांना कमाल ३० कार्यालयीन दिवसामध्ये अनुदान वाटपासाठी सादर करावी.

७. मोका तपासणी :-

पूर्व संमती प्राप्त झालेल्या लाभार्थ्याने ट्रॅक्टर अथवा यंत्र/औजार खरेदी केल्यानंतर पुन्हा प्रस्ताव सादर करण्याची आवश्यकता नाही, त्याने केवळ खरेदी पावती मंडळ कृषि अधिकारी / तालुका कृषि अधिकारी यांना सादर करावयाची आहे. मंडळ कृषि अधिकारी यांनी प्राप्त प्रस्ताव तात्काळ तालुका कृषि अधिकारी यांना सादर करावा. तालुका कृषि अधिकारी यांनी सदरची पावती ही त्या लाभार्थ्यांच्या मूळ प्रस्तावासोबत जोडावी व त्या लाभार्थ्यांने खरेदी केलेल्या ट्रॅक्टर अथवा यंत्र/औजाराची मोका तपासणी करणेबाबत मंडळ कृषि अधिकारी यांना कळवावे. सदर लाभार्थ्यांनी खरेदी केलेल्या औजारांची मोका तपासणी मंडळ कृषि अधिकारी यांनी कमाल १० कार्यालयीन दिवसात करून अहवाल तालुका कृषि अधिकारी यांना सादर करावा. मोका तपासणी अहवालाचा नमुना सोबत जोडला आहे. (प्रपत्र-३)

८. अनुदान मर्यादा :-

कृषि यांत्रिकीकरण उपअभियान व राष्ट्रीय कृषि विकास योजनेंतर्गत कृषि यांत्रिकीकरण प्रकल्प याकरीता कृषि यांत्रिकीकरण उपअभियानाच्या केंद्र शासनाने निर्धारित केलेल्या अनुदान मर्यादेनुसार अनुदान लाभार्थींना देय राहिल. शासन निर्णय दि.२७/०४/२०१८ मधील Basket of implements मध्ये समाविष्ट ट्रॅक्टर/यंत्रे/औजारांबाबत कृषि यांत्रिकीकरण उपअभियान अंतर्गत केंद्र शासनाने निर्धारित केलेल्या अनुदान मर्यादेचा तपशील सोबत जोडला आहे.(प्रपत्र-६) इतर योजनांच्या बाबतीत संबंधित योजनेच्या मार्गदर्शक सुचनांमध्ये नमुद केल्यानुसार कार्यवाही करावी.

९. अनुदान वाटप :-

तालुका कृषि अधिका-यांनी प्राप्त मोका तपासणी अहवालांची छाननी करावी. तालुका कृषि अधिकारी यांनी लाभार्थ्यांचे Biometric Verification करावे व तदनंतर पात्र लाभार्थ्यांना अनुदान अदा करण्याची शिफारस उपविभागीय कृषि अधिकारी यांना करावी. सदर लाभार्थ्यांस त्याचे आधार संलग्न बँक खात्यात पीएफएमएस प्रणालीद्वारे **जिल्हा अधिक्षक कृषि अधिकारी** यांनी अनुदान अदा करावे व त्याप्रमाणे त्याचे भ्रमणध्वनी वर संदेश द्यावा. शासन निर्णय क्र.सुकृऔ-२०१६/प्र.क्र.३०१/११-ऐ, दि.२८/०४/२०१७ अन्वये महाराष्ट्र लोकसेवा हक्क अधिनीयम २०१५ अंतर्गत अनुदानाची रक्कम १५ दिवसांच्या आत लाभार्थींच्या आधार संलग्न बँक खात्यात जमा करायची आहे. त्यानुसार जिल्हा अधिक्षक कृषि अधिकारी यांच्याकडे अनुदान उपलब्ध असल्यासच १५ कार्यालयीन दिवसात लाभार्थ्यांस अनुदान अदा करण्याचे त्यांच्यावर बंधन राहिल, अन्यथा त्यांनी वरिष्ठ कार्यालयाकडे अनुदानाची मागणी करावी.

१०. ट्रॅक्टर इतर यंत्रे/औजारांचे परिक्षण अहवाल/प्रमाणपत्र/पुरावा सादर करणे -

पुढील नमुद केलेल्या प्रकरणी लाभार्थींनी परिक्षण अहवाल/प्रमाणपत्र/पुरावा सादर करण्याची आवश्यकता राहणार नाही.

अ) कृषि विभागाच्या योजनांतर्गत अनुदानास पात्र ट्रॅक्टर व पॉवर टिलर्सच्या मेक/मॉडेल्सची यादी केंद्र शासन वेळोवेळी सुधारणा करून निर्गमित करते. केवळ केंद्र शासनाच्या यादीमध्ये समाविष्ट ट्रॅक्टर व पॉवर टिलर्सच्या मेक/मॉडेल्सलाच अनुदान देय राहिल. यास्तव ट्रॅक्टर व पॉवर टिलर्स करीता परिक्षण अहवाल/प्रमाणपत्र/पुरावा सादर करण्याची आवश्यकता राहणार नाही. अनुदानास पात्र ट्रॅक्टर व पॉवर टिलर्सची यादी कृषि विभागाच्या संकेतस्थळावर (<http://krishi.maharashtra.gov.in>) तसेच कृषि विभागाच्या सर्व कार्यालयांना उपलब्ध करून देण्यात आली आहे.

ब) केंद्र शासन वेळोवेळी रिपर, रिपर कम बाईंडर, पॅडी ट्रान्सप्लॉटर, श्रेशर, पॉवर विडर या यंत्रे/औजारांच्या मेक/मॉडेल्सची यादी निर्गमित करते. सदर यादीमध्ये समाविष्ट यंत्र/औजारांच्या मेक/मॉडेल्सची खरेदी केल्यास परिक्षण अहवाल/प्रमाणपत्र/पुरावा सादर करण्याची आवश्यकता राहणार नाही. अनुदानास पात्र रिपर, रिपर कम बाईंडर, पॅडी ट्रान्सप्लॉटर, श्रेशर, पॉवर विडर्सची यादी कृषि विभागाच्या संकेतस्थळावर (<http://krishi.maharashtra.gov.in>) तसेच कृषि विभागाच्या सर्व कार्यालयांना उपलब्ध करून देण्यात आली आहे.

तथापि रिपर, रिपर कम बाईंडर, पॅडी ट्रान्सप्लॉटर, श्रेशर, पॉवर विडर या यंत्रे/औजारांच्या यादीतील मेक/मॉडेल्स व्यतीरीक्त यादीबाहेरील यंत्र/औजारांची खरेदी करण्याचा शेतक-यांचा मानस असल्यास, त्यांनी

विक्रेत्यांकडून सदर यंत्र/औजारांबाबत सक्षम संस्थेने दिलेल्या परिक्षण प्रमाणपत्राचा पुरावा सादर करणे बंधनकारक राहिल.

११. औजारांचा तपासणी अहवाल :-

आयुक्तालयाचे पत्र जा.क्र./उत्पादक माहिती/एम्बास/२०१८-१९/२२८/गुनि-५/२०१८, दि.१६/०५/२०१८ अन्वये उत्पादकांना त्यांचे उत्पादीत यंत्र/औजारांवर परिक्षण अहवाल क्रमांक व मॉडेल क्रमांक **Emboss** करणेबाबत कळविले आहे. त्यानुसार संबंधीत कंपनीने यंत्र/औजारांवर परिक्षण अहवाल क्रमांक व मॉडेल क्रमांक **Emboss** करणे बंधनकारक राहिल. तसेच याबाबत मोका तपासणी करतेवेळी मंडळ कृषि अधिकारी यांनी खातरजमा करावी. तसेच पुर्व-संमती प्रदान करतेवेळी याबाबत शेतक-यांना स्पष्ट सुचना देण्यात याव्यात.

१२. सोडतीच्या प्रक्रियेचे संनियंत्रण -

खाली नमुद अधिका-यांनी सोडतीची अंमलबजावणी योग्य पध्दतीने होण्याकरीता संनियंत्रण करावे.

विभागीय कृषि सहसंचालक - यांनी त्यांच्या कार्यक्षेत्रातील कोणत्याही उपविभागातील एका सोडतीस स्वतः उपस्थित रहावे.

जिल्हा अधिक्षक कृषि अधिकारी - यांनी त्यांच्या कोणत्याही उपविभागातील एका सोडतीस स्वतः उपस्थित रहावे. उर्वरीत सोडतीस जिल्हा अधिक्षक कृषि अधिकारी यांचे कार्यालयातील वर्ग एक अधिकारी उपस्थित राहतील.

१३. तपासणी टक्केवारी -

योजनेच्या प्रभवी अंमलबजावणीसाठी संनियंत्रण अधिका-यांनी पुढीलप्रमाणे खर्चाच्या प्रमाणात तपासणी करावी. संनियंत्रण तपासणी अहवालाचा नमुना सोबत जोडला आहे. (प्रपत्र- ४)

अधिकारी	तपासणी टक्केवारी
१. विभागीय कृषि सहसंचालक	०.५ टक्के
२. जिल्हा अधिक्षक कृषि अधिकारी	१ टक्के
३. उपविभागीय कृषि अधिकारी	५ टक्के
४. तालुका कृषि अधिकारी	२५ टक्के

सोबत - प्रपत्र १ ते ४

(व्ही. बी. इंगळे)

कृषि संचालक (नि.व गु. नि.)

कृषि आयुक्तालय, महाराष्ट्र राज्य, पुणे.

प्रत -

- १) उपसंचालक आयुक्त कृषि कक्ष, कृषि आयुक्तालय, महाराष्ट्र राज्य, पुणे- यांना माहितीस्तव.
- २) श्री. श्रीकांत चं. आंडगे, अवर सचिव, १४ अ, (कृषि), कृषि व पदुम विभाग, मंत्रालय, मुंबई - ३२ - यांना माहितीस्तव सविनय सादर.
- ३) कृषि संचालक (सर्व), कृषि आयुक्तालय, महाराष्ट्र राज्य, पुणे. - यांना माहितीस्तव.

प्रपत्र - १
उन्नत शेती समृद्ध शेतकरी मोहीम - सन २०१८-१९
लाभार्थी निवडीचे पत्र

जा.क्र. ताकृअ / उशेसशे/यांत्रि./ /२०१८
तालुका कृषि अधिकारी, -----,
दिनांक :-

प्रति,

.....(लाभार्थ्याचे नाव व पत्ता)

**विषय : उन्नत शेती - समृद्ध शेतकरी मोहिमेंतर्गत(ट्रॅक्टर अथवा यंत्र / औजाराचे नाव
लिहावे) खरेदीकरिता आपली निवड झाल्याबाबत.**

संदर्भ : शासन निर्णय क्र. ०४१८/प्र.क्र.१५५/१४ -अ, दि.२७/०४/२०१८

उपरोक्त विषयान्वये 'उन्नत शेती - समृद्ध शेतकरी' या मोहिमेंतर्गत यांत्रिकीकरण या घटकाखाली आपण
.....(ट्रॅक्टर (..... अश्वशक्ती) अथवा यंत्र / औजाराचे नाव लिहावे.) खरेदीकरिता अनुदान मिळणेसाठी अर्ज
केला होता.

त्यानुसार, दि. ... /.../२०१८ रोजी, राबविलेल्या सोडत प्रक्रियेतून आपली..... (ट्रॅक्टर (..... अश्वशक्ती) अथवा
यंत्र / औजाराचे नाव लिहावे) करिता प्रवर्गातून निवड झालेली आहे, त्याबद्दल आपले कृषि विभागाकडून हार्दिक
अभिनंदन !

उपरोक्त प्रक्रियेतून, आपल्या झालेल्या निवडीच्या अनुषंगाने, आपण (ट्रॅक्टर (..... अश्वशक्ती)
अथवा यंत्र / औजाराचे नाव लिहावे) च्या खरेदीकरिता पूर्व-संमती मिळविणेसाठीचा आपला प्रस्ताव, खालील कागदपत्रांसह या
कार्यालयाकडे पुढील १० कार्यालयीन दिवसात सादर करावा.

१. लाभार्थ्याचा ७-१२ व ८-अ चा उतारा.
२. जे यंत्र/औजार खरेदी करावयाचे आहे त्याचे परिक्षण (Testing) प्रमाणपत्र / पुरावा व कोटेशन.
३. लाभार्थी अनुसूचित जाती व जमाती प्रवर्गातील असल्यास वैध अधिकाऱ्यांचे प्रमाणपत्र.
४. आधार संलग्न बँक खाते क्रमांक बँक पुस्तकाच्या पहिल्या पानाची झेरॉक्स.
५. आधार कार्डाची झेरॉक्स (नसल्यास आधार कार्डाची मागणी केलेल्या पावतीची झेरॉक्स)
६. लाभार्थ्याचा भ्रमणध्वनी क्रमांक.

(नाव व स्वाक्षरी)

तालुका कृषि अधिकारी,.....

तालुका -.....; जिल्हा-

प्रपत्र - २
उन्नत शेती समृद्ध शेतकरी मोहीम - सन २०१८-१९
लाभार्थ्यांना पूर्व-संमतीचे पत्र

जा.क्र. ताकृअ / उशेसशे/यांत्रि./ /२०१८
तालुका कृषि अधिकारी, -----,
दिनांक :-

प्रति,

----- (लाभार्थ्यांचे नाव व पत्ता)

विषय : 'उन्नत शेती - समृद्ध शेतकरी' मोहिमेंतर्गत ----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र /
औजाराचे नाव लिहावे) च्या खरेदीकरिता पूर्व - संमती प्रदान करणेबाबत.

- संदर्भ : १. शासन निर्णय क्र. ०४१८/प्र.क्र.१५५/१४ -अ, दि.२७/०४/२०१८
२. या कार्यालयाचे सम क्रमांकित पत्र दि. ----- जून, २०१८.
३. आपला पूर्व - संमती प्रदान करणेबाबत सादर प्रस्ताव दि. ----- जून, २०१८.

उपरोक्त विषयान्वये "उन्नत शेती - समृद्ध शेतकरी" या मोहिमेंतर्गत यांत्रिकीकरण या घटकाखाली आपण -----
----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र / औजाराचे नाव लिहावे) खरेदीकरिता अनुदान मिळणेसाठी अर्ज केला
होता व सादर बाबी करिता आपली निवड झाल्याचे या कार्यालयाच्या सम क्रमांकित पत्र दि. ----- जून, २०१८ अन्वये
कळविण्यात आले होते. त्यानुषंगाने, आपण सादर ----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र / औजाराचे
नाव लिहावे) च्या खरेदीकरिता अनुदान मिळणेसाठी आपला प्रस्ताव या कार्यालयास विहित कागदपत्रांसह सादर केलेला आहे.

आपल्या प्रस्तावाची छाननी केली असता आपण अनुदानास पात्र लाभार्थी असल्याची तसेच, आपण खरेदी करू
इच्छित असलेले----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र/औजाराचे नाव लिहावे) अनुदानास पात्र असल्याची
माझी खात्री झालेली आहे.

सबब, आपणास सादर ----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र/औजाराचे नाव लिहावे) च्या खरेदी
करिता पूर्व -संमती प्रदान करण्यात येत आहे. तसेच, आपण सादर केलेल्या कोटेशन नुसार खरेदी पश्चात आपणास
पुढीलप्रमाणे विवरणानुसार अनुदान शासनाकडून देय राहिल.

ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र / औजाराचे विवरण					
कंपनीचे नाव व मॉडेल क्र.	परिक्षण संस्थेचे नाव	परीक्षण अहवाल क्र.	ट्रॅक्टर वा यंत्र / औजार अनुदानास पात्र आहे किंवा नाही.	कोटेशन नुसार किंमत	अनुज्ञेय अनुदानाची रक्कम (अंक व अक्षरी)

आपण, १) तत्काळ उपरोक्त नमूद----- (ट्रॅक्टर (----अश्वशक्ती) अथवा यंत्र /
औजाराची लिहावे) खरेदी अधिकृत विक्रेत्याकडून करावी. २) सादर यंत्र/औजारांवर संबंधीत कंपनीने त्यांचा परिक्षण
झाल्याबाबतचा मॉडेल क्रमांक व सांकेतिक क्रमांक कोरणे (Emboss) बंधनकारक आहे. खरेदी करताना सादर यंत्र/औजारांवर
संबंधीत कंपनीने त्यांचा परिक्षण झाल्याबाबतचा मॉडेल क्रमांक व सांकेतिक क्रमांक कोरला/Emboss केला असल्याची खात्री
करावी. ३) खरेदी करताना स्वतःच्या बँक खात्यातून इलेक्ट्रॉनिक पध्दतीने/धनादेश/धनाकर्षाद्वारे विक्रेत्यास रक्कम अदा
करणे बंधनकारक राहिल.

उपरोक्त नुसार खरेदी करून खरेदीची पावती या कार्यालयास अथवा मंडळ कृषि अधिकारी कार्यालयास कमाल ३०
कार्यालयीन दिवसामध्ये अनुदान वाटपासाठी सादर करावी. जेणेकरून आपल्या आधार संलग्न बँक खात्यावर उपरोक्त नमूद
अनुदानाची रक्कम जमा करणे शक्य होईल.

(नाव व स्वाक्षरी)

तालुका कृषि अधिकारी,-----
तालुका -; जिल्हा-

प्रपत्र - ३
उन्नत शेती समृद्ध शेतकरी मोहीम - सन २०१८-१९
कृषि यांत्रिकीकरण : मोका तपासणी अहवाल

१. तपासणी दिनांक :-
२. योजनेचे नाव :-
३. लाभार्थीचे नांव :- _____
४. पत्ता- गाव :- _____, तालुका :- _____, जिल्हा :-
 दुरध्वनी / मोबाईल क्र. :-
५. लाभार्थी प्रवर्ग अ) क्षेत्रानुसार प्रवर्ग :- ब) सामाजिक प्रवर्ग:-
६. आधार कार्ड क्र. :- _____
७. प्रत्यक्ष तपासणीत आढळून आलेल्या यंत्र/औजारांचा तपशील:-
 - १) यंत्र/औजाराचे तांत्रिक नाव :
 - २) यंत्र/औजाराचे उत्पादक कंपनीचे नाव :
 - ३) यंत्र/औजाराचे पुरवठादाराचे/ विक्रेत्याचे नाव :
 - ४) यंत्र/औजाराचा मॉडेल/मेक/लॉट क्रमांक व एच. पी. :
 - ५) यंत्र/औजाराचा तपासणी अहवाल क्र./BIS प्रमाणपत्र :
 - ६) यंत्र/औजार खरेदी दिनांक :
 - ७) यंत्र/औजार प्रत्यक्ष प्राप्त (डिलिव्हरी)दिनांक :
 - ८) ट्रॅक्टर चलित औजारांसाठी ट्रॅक्टरचा आवश्यक एच.पी. :

८. बिलाचा व अनुदानाचा तपशील -

अ.क्र.	औजाराचे तांत्रिक नाव /तपशील	बिलाचा तपशील			तपासणी अधिकाऱ्याने अनुदानासाठी शिफारस केलेली रक्कम
		बील क्र.	दिनांक	बीलानुसार खरेदीची रक्कम	
१.					

९. शेतकऱ्यांने खरेदी केलेल्या ट्रॅक्टर/यंत्र/औजाराची रक्कम स्वतःच्या बँक खात्यातून दिली आहे काय? होय/नाही
 असल्यास त्याचा तपशील - इलेक्ट्रॉनिक पद्धतीने / धनादेश / धनाकर्ष -

१०. उत्पादक कंपनीने यंत्र/औजारावर परिक्षण अहवाल क्रमांक व मॉडेल क्रमांक कोरला आहे काय? होय/नाही.

११. शेतकऱ्यांने खरेदी केलेले ट्रॅक्टर/यंत्र/औजाराचे मॉडेल/मेक पुर्वसंमती पत्रात नमुद केल्यानुसार आहे काय? होय/नाही.

१२. यंत्रसामुग्री व औजारे यांच्या नोंदणीबाबत, विम्याबाबत, कर भरणा, वॉरन्टीबाबत केलेली कार्यवाही.

वरीलप्रमाणे ट्रॅक्टर / यंत्रे / औजाराची तपासणी मी स्वतः केली असून ट्रॅक्टर / यंत्रे / औजार सुस्थितीत असल्याचे आढळले. योजनेच्या मार्गदर्शक सुचनानुसार देय असलेली अनुदानाची रक्कम रु. (अक्षरी रुपये) शेतकऱ्याचे बँक खात्यात जमा करण्याबाबत शिफारस करण्यात येत आहे.

स्थळ :-
 दिनांक :-

स्वाक्षरी :-
 अधिकाऱ्याचे नाव :-
 पदनाम :- मंडळ कृषि अधिकारी
 मुख्यालय :-

प्रपत्र - ४
उन्नत शेती समृद्ध शेतकरी मोहीम - सन २०१८-१९
कृषि यांत्रिकीकरण : संनियंत्रण तपासणी अहवाल

१. तपासणी दिनांक :-
२. योजनेचे नाव :-
३. लाभार्थीचे नांव :- _____
४. पत्ता- गाव :- _____, तालुका :- _____, जिल्हा :-
 दुरध्वनी / मोबाईल क्र. :-
५. लाभार्थी प्रवर्ग अ) क्षेत्रानुसार प्रवर्ग :- ब) सामाजिक प्रवर्ग:-
६. आधार कार्ड क्र. :- _____
७. प्रत्यक्ष तपासणीत आढळून आलेल्या यंत्र/औजारांचा तपशील:-
 - १) यंत्र/औजाराचे तांत्रिक नाव
 - २) यंत्र/औजाराचे उत्पादक कंपनीचे नाव
 - ३) यंत्र/औजाराचे पुरवठादाराचे/ विक्रेत्याचे नाव
 - ४) यंत्र/औजाराचा मॉडेल/मेक/लॉट क्रमांक व एच. पी.
 - ५) यंत्र/औजाराचा तपासणी अहवाल क्र./BIS प्रमाणपत्र क्र.
 - ६) यंत्र/औजार खरेदी दिनांक -
 - ७) यंत्र/औजार प्रत्यक्ष प्राप्त (डिलिव्हरी)दिनांक
 - ८) ट्रॅक्टर चलित औजारांसाठी ट्रॅक्टरचा आवश्यक एच. पी.
८. बिलाचा व अनुदानाचा तपशील -

अ.क्र.	औजाराचे तांत्रिक नाव /तपशील	बिलाचा तपशील			तपासणी अधिकाऱ्यांने अनुदानासाठी शिफारस केलेली रक्कम
		बील क्र.	दिनांक	बीलानुसार खरेदीची रक्कम	
१.					

९. शेतकऱ्यांने खरेदी केलेल्या ट्रॅक्टर/यंत्र/औजाराची रक्कम स्वतःच्या बँक खात्यातून दिली आहे काय? होय/नाही :-

असल्यास त्याचा तपशील - इलेक्ट्रॉनिक पधतीने/धनादेश/धनाकर्ष -

१०. उत्पादक कंपनीने यंत्र/औजारावर परिक्षण अहवाल क्रमांक व मॉडेल क्रमांक कोरला आहे काय? होय/नाही.

११. शेतकऱ्यांने खरेदी केलेले ट्रॅक्टर/यंत्र/औजाराचे मॉडेल/मेक पुर्वसंमती पत्रात नमुद केल्यानुसार आहे काय? होय/नाही.

१२. यंत्रसामुग्री व औजारे यांच्या नोंदणीबाबत, विम्याबाबत, कर भरणा, वॉरन्टीबाबत केलेली कार्यवाही.

वरीलप्रमाणे ट्रॅक्टर/यंत्रे/औजाराची तपासणी मी स्वतः केली असून ट्रॅक्टर/यंत्रे/औजार सुस्थितीत असल्याचे आढळले. योजनेच्या मार्गदर्शक सुचनानुसार देय असलेली अनुदानाची रक्कम रक्कम रु. (अक्षरी रुपये) शेतकऱ्याचे बँक खात्यात जमा करण्यात आली आहे.

स्थळ :-
दिनांक :-

स्वाक्षरी :-
अधिकाऱ्याचे नाव :-
पदनाम :-
मुख्यालय :-

प्रपत्र - ६

उन्नत शेती समृद्ध शेतकरी मोहिमेंतर्गत कृषि यांत्रिकीकरण कार्यक्रमाच्या अंमलबजावणीसाठी कृषी यंत्र/औजारासाठी अर्थसहाय्याचा तपशिल

अ. न.	कृषि औजाराचा प्रकार	अ.जा., अ.ज., अल्प व अत्यल्प भुधारक शेतकरी व महिला लाभार्थीसाठी		इतर लाभार्थीसाठी	
		मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी	मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी
१	२	३	४	५	६
अ. टॅक्टर					
१	टॅक्टर (०८-१५ पी.टी.ओ. एच.पी.)	₹ १.०० लाख	३५ टक्के	₹ ०.७५ लाख	२५ टक्के
२	टॅक्टर (१५-२० पी.टी.ओ. एच.पी.)	₹ १.०० लाख	३५ टक्के	₹ ०.७५ लाख	२५ टक्के
३	टॅक्टर (२०-४० पी.टी.ओ. एच.पी. पेक्षा जास्त)	₹ १.२५ लाख	३५ टक्के	₹ १.०० लाख	२५ टक्के
४	टॅक्टर (४०-७० पी.टी.ओ. एच.पी.)	₹ १.२५ लाख	३५ टक्के	₹ १.०० लाख	२५ टक्के
ब. पॉवर टिलर					
१	पॉवर टिलर (८ बी.एच.पी. पेक्षा कमी)	₹ ०.५० लाख	५० टक्के	₹ ०.४० लाख	४० टक्के
२	पॉवर टिलर (८ बी.एच.पी. आणि त्यापेक्षा जास्त)	₹ ०.७५ लाख	५० टक्के	₹ ०.६० लाख	४० टक्के
क. भात लावणी यंत्र / पॅडी ट्रान्सप्लान्टर					
१	स्वयंचलीत पॅडी ट्रान्सप्लान्टर (४ रांगा/ओळी)	₹ ०.९४ लाख	५० टक्के	₹ ०.७५ लाख	४० टक्के
स्वयंचलीत पॅडी ट्रान्सप्लान्टर					
१	४- ८ रांगा पेक्षा जास्त	₹ २.०० लाख	४० टक्के	₹ २.०० लाख	४० टक्के
२	८-१६ रांगा पेक्षा जास्त				
ड. स्वयंचलीत यंत्रे					
१	स्वयंचलीत यंत्रे - रीपर कम बाईंडर	₹ १.२५ लाख	५० टक्के	₹ १.०० लाख	४० टक्के
१) स्पेशलाईज्ड स्वयंचलीत यंत्रे					
१	रीपर	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के
२	न्युमॅटीक/ इतर प्लॅन्टर				
२) टॅक्टर / पॉवर टिलर (२० बी.एच.पी. पेक्षा कमी) चलीत औजारे / उपकरणे					
अ. लॅन्ड डेव्हलपमेंट, टीलेज व सीड बेड तयार करण्यासाठी लागणारी औजारे / उपकरणे					
१	कल्टीव्हेटर	₹ ०.१५ लाख	५० टक्के	₹ ०.१२ लाख	४० टक्के
२	रोटाव्हेटर	₹ ०.३५ लाख	५० टक्के	₹ ०.२८ लाख	४० टक्के
३	रोटो कल्टीव्हेटर				
ब. सोईंग, प्लान्टींग, रीपींग व डिगींग इक्विपमेंट					
१	बटाटा प्लॅन्टर	₹ ०.१५ लाख	५० टक्के	₹ ०.१२ लाख	४० टक्के
२	टॅक्टर डॉन रीपर				
३	झीरो टील सीड कम फर्टीलायझर ड्रील				
४	रेज्ड बेड प्लॅन्टर				
५	प्लॅन्टर				
६	सीड ड्रील				
७	मल्टी क्रॉप प्लॅन्टर				
८	झीरो टील मल्टी क्रॉप प्लॅन्टर				
९	रीज फरो प्लॅन्टर				
१०	न्युमॅटीक प्लॅन्टर				

प्रपत्र - ६

उन्नत शेती समृद्ध शेतकरी मोहिमेंतर्गत कृषि यांत्रिकीकरण कार्यक्रमाच्या अंमलबजावणीसाठी कृषी यंत्र/औजारासाठी अर्थसहाय्याचा तपशिल

अ. न.	कृषि औजाराचा प्रकार	अ.जा., अ.ज., अल्प व अत्यल्प भुधारक शेतकरी व महिला लाभार्थीसाठी		इतर लाभार्थीसाठी	
		मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी	मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी
१	२	३	४	५	६
११	न्युमॅटीक व्हेजीटेबल ट्रान्सप्लॅन्टर				
१२	न्युमॅटीक व्हेजीटेबल सीडर				
१३	हॅपी सीडर				
१४	सीड कम फर्टीलायझर ड्रिल				
१५	एक्वा फर्टी सीड ड्रिल				
१६	रेज्ड बेड प्लॅन्टर इन्काईन्ड प्लेट प्लान्टर व शोपर अटॅचमेंट सह				
१७	मलचर (उस पीकाकरीता)				
क. इंटर कल्टीव्हेशन इक्विपमेंट					
१	पॉवर वीडर (इंजीन ऑपरेटेड २ बीएचपी पेक्षा कमी)	₹ ०.१५ लाख	५० टक्के	₹ ०.१२ लाख	४० टक्के
ड. इक्विपमेंट फॉर रेसीड्यु मॅनेजमेंट / हे एंड फोरेज इक्विपमेंट					
१	शुगर केन थ्रेश कटर	₹ ०.१५ लाख	५० टक्के	₹ ०.१२ लाख	४० टक्के
२	स्ट्रॉ रीपर				
इ. हारव्हेस्टिंग एंड थ्रेशिंग इक्विपमेंट (इंजीन / इलेक्ट्रीक मोटार चलीत ३ एच पी पेक्षा कमी व पॉवर टीलर आणि ट्रॅक्टर चलीत २० बीएचपी पेक्षा कमी)					
१	थ्रेशर	₹ ०.२० लाख	५० टक्के	₹ ०.१६ लाख	४० टक्के
२	मल्टी क्रॉप थ्रेशर				
३	पॅडी थ्रेशर				
४	रीपर				
५	कॉटन थ्रेशर				
६	ब्रश कटर				
II. ट्रॅक्टर (२० बी.एच.पी. पेक्षा जास्त ते ३५ बी.एच.पी.) चलीत औजारे / उपकरणे					
अ. लॅन्ड डेव्हलपमेंट, टीलेज व सीड बेड तयार करण्यासाठी लागणारी औजारे / उपकरणे					
१	कल्टीव्हेटर	₹ ०.१९ लाख	५० टक्के	₹ ०.१५ लाख	४० टक्के
२	रोटाव्हेटर	₹ ०.४४ लाख	५० टक्के	₹ ०.३५ लाख	४० टक्के
३	रोटो कल्टीव्हेटर				
ब. सोईंग, प्लान्टिंग, रीपींग व डिगींग इक्विपमेंट					
१	बटाटा प्लॅन्टर	₹ ०.१९ लाख	५० टक्के	₹ ०.१५ लाख	४० टक्के
२	ट्रॅक्टर ड्रॉन रीपर				
३	झीरो टील सीड कम फर्टीलायझर ड्रिल				
४	रेज्ड बेड प्लॅन्टर				
५	प्लॅन्टर				
६	सीड ड्रिल				
७	मल्टी क्रॉप प्लॅन्टर				

प्रपत्र - ६

उन्नत शेती समृद्ध शेतकरी मोहिमेंतर्गत कृषि यांत्रिकीकरण कार्यक्रमाच्या अंमलबजावणीसाठी कृषी यंत्र/औजारासाठी अर्थसहाय्याचा तपशिल

अ. न.	कृषि औजाराचा प्रकार	अ.जा., अ.ज., अल्प व अत्यल्प भुधारक शेतकरी व महिला लाभार्थीसाठी		इतर लाभार्थीसाठी	
		मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी	मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी
१	२	३	४	५	६
८	झीरो टील मल्टी क्रॉप प्लॅन्टर				
९	रीज फरो प्लॅन्टर				
१०	सीड कम फर्टीलायझर ड्रील				
११	टर्बो सीडर				
१२	न्युमॅटीक प्लॅन्टर				
१३	न्युमॅटीक व्हेजीटेबल ट्रान्सप्लॅन्टर				
१४	न्युमॅटीक व्हेजीटेबल सीडर	₹ ०.४४ लाख	५० टक्के	₹ ०.३५ लाख	४० टक्के
१५	हॅपी सीडर				
१६	रेज्ड बेड प्लॅन्टर इन्काईन्ड प्लेट प्लान्टर व शेपर एंटेचमेंट सह				
१७	मल्वर (उस पीकाकरीता)				
क. इंटर कल्टीव्हेशन इक्विपमेंट					
१	पाँवर वीडर(ईजीन ऑपरेटेड २ बीएचपी पेक्षाजास्त)	₹ ०.१९ लाख	५० टक्के	₹ ०.१५ लाख	४० टक्के
ड. इक्विपमेंट फॉर रेसीड्यु मॅनेजमेंट / हे ऍन्ड फोरेज इक्विपमेंट					
१	शुगर केन थ्रेश कटर	₹ ०.१९ लाख	५० टक्के	₹ ०.१५ लाख	४० टक्के
२	स्ट्रॉ रीपर				
इ. हारव्हेस्टिंग ऍन्ड थ्रेशिंग इक्विपमेंट (इंजीन / इलेक्ट्रीक मोटार चलीत ५ एच पी पेक्षा कमी व पाँवर टीलर आणि ट्रक्टर चलीत ३५ बीएचपी पेक्षा कमी)					
१	थ्रेशर	₹ ०.२५ लाख	५० टक्के	₹ ०.२० लाख	४० टक्के
२	मल्टी क्रॉप थ्रेशर				
३	पॅडी थ्रेशर				
४	रीपर				
५	कॉटन थ्रेशर				
६	ब्रश कटर				
III. ट्रक्टर (३५ बी.एच.पी. पेक्षा जास्त) चलीत औजारे / उपकरणे					
अ. लॅन्ड डेव्हलपमेंट, टीलेज व सीड बेड तयार करण्यासाठी लागणारी औजारे / उपकरणे					
१	कल्टीव्हेटर	₹ ०.४४ लाख	५० टक्के	₹ ०.३५ लाख	४० टक्के
२	रोटाव्हेटर	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के
३	सब साँइलर				
४	रोटो कल्टीव्हेटर				
ब. सोईंग, प्लान्टिंग, रीपींग व डिगींग इक्विपमेंट					
१	झीरो टील सीड कम फर्टीलायझर ड्रील	₹ ०.४४ लाख	५० टक्के	₹ ०.३५ लाख	४० टक्के
२	रेज्ड बेड प्लॅन्टर				
३	सीड ड्रील				

प्रपत्र - ६

उन्नत शेती समृद्ध शेतकरी मोहिमेंतर्गत कृषि यांत्रिकीकरण कार्यक्रमाच्या अंमलबजावणीसाठी कृषी यंत्र/औजारासाठी अर्थसहाय्याचा तपशिल

अ. न.	कृषि औजाराचा प्रकार	अ.जा., अ.ज., अल्प व अत्यल्प भुधारक शेतकरी व महिला लाभार्थीसाठी		इतर लाभार्थीसाठी					
		मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी	मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी				
१	२	३	४	५	६				
४	ट्रॅक्टर ड्रॉन रीपर								
५	सीड कम फर्टीलायझर ड्रिल								
६	बटाटा प्लॅन्टर								
७	शुगर केन कटर/स्ट्रीपर/प्लॅन्टर								
८	मल्टी क्रॉप प्लॅन्टर								
९	झीरो टील मल्टी क्रॉप प्लॅन्टर								
१०	रीज फरो प्लॅन्टर								
११	टर्बो सीडर								
१२	न्युमॅटीक प्लॅन्टर	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के				
१३	न्युमॅटीक व्हेजीटेबल ट्रान्सप्लॅन्टर								
१४	न्युमॅटीक व्हेजीटेबल सीडर								
१५	हॅपी सीडर								
१६	कसावा प्लॅन्टर								
१७	रेज्ड बेड प्लॅन्टर इन्काईन्ड प्लेट प्लान्टर व शेपर ऍटॅचमेंट सह								
१८	मलचर (उस पीकाकरीता)								
क. इंटर कल्टीव्हेशन इक्विपमेंट									
१	वीडर (पी. टी. ओ. ऑपरेटेड)					₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के
ड. हारव्हेस्टिंग ऍन्ड थ्रेशिंग इक्विपमेंट (इंजीन/इलेक्ट्रीक मोटार चलीत ५ एच पी पेक्षा जास्त व पॉवर टीलर आणि ट्रॅक्टर चलीत ३५ बीएचपी पेक्षा जास्त)									
१	थ्रेशर / मल्टी क्रॉप थ्रेशर	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के				
२	पॅडी थ्रेशर								
३	रीपर								
४	कॉटन थ्रेशर								
इ. इक्विपमेंट फॉर रेसीड्यु मॅनेजमेंट / हे ऍन्ड फोरेज इक्विपमेंट									
१	शुगर केन थ्रेश कटर	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के				
२	स्ट्रॉ रीपर								
IV. पीक संरक्षण उपकरणे									
१	ट्रॅक्टर माऊंटेड/ऑपरेटेड स्प्रेयर (२० बी. एच. पी.पेक्षा कमी)	₹ ०.१० लाख	५० टक्के	₹ ०.०८ लाख	४० टक्के				
२	ट्रॅक्टर माऊंटेड/ऑपरेटेड स्प्रेयर (३५ बी. एच. पी.पेक्षा कमी)	₹ ०.१३ लाख	५० टक्के	₹ ०.१० लाख	४० टक्के				
३	ट्रॅक्टर माऊंटेड/ऑपरेटेड स्प्रेयर (३५ बी. एच. पी.पेक्षा जास्त)	₹ ०.६३ लाख	५० टक्के	₹ ०.५० लाख	४० टक्के				

प्रपत्र - ६

उन्नत शेती समृद्ध शेतकरी मोहिमेंतर्गत कृषि यांत्रिकीकरण कार्यक्रमाच्या अंमलबजावणीसाठी कृषी यंत्र/औजारासाठी अर्थसहाय्याचा तपशिल

अ. न.	कृषि औजाराचा प्रकार	अ.जा., अ.ज., अल्प व अत्यल्प भुधारक शेतकरी व महिला लाभार्थींसाठी		इतर लाभार्थींसाठी	
		मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी	मंजुर कमाल अनुदान मर्यादा प्रती यंत्र/औजार	अनुदानाची टक्केवारी
१	२	३	४	५	६
V. काढणी पश्चात तंत्रज्ञान उपकरणे					
अ. अन्नधान्य / गळित धान्य व फलोत्पादन पीकांसाठी काढणी पश्चात तंत्रज्ञान उपकरणे					
१	मीनी राईस मील	₹ १.५० लाख	६० टक्के	₹ १.२५ लाख	५० टक्के
२	मीनी दाळ मील				
३	पॅकिंग मशीन (सर्व प्रकारच्या फलोत्पादन /अन्नधान्य / गळित धान्य पीकांसाठी)				
४	सर्व प्रकारचे ग्राईडर/पल्व्हराइजर/पॉलीशर (सर्व प्रकारच्या फलोत्पादन /अन्नधान्य / गळित धान्य पीकांसाठी)	₹ ०.४४ लाख	५० टक्के	₹ ०.३५ लाख	४० टक्के
५	सर्व प्रकारचे क्लीनर कम ग्रेडर /ग्रॅडीयंट सेपरेटर/ स्पेसीफीक ग्रॅव्हीटी सेपरेटर (सर्व प्रकारच्या फलोत्पादन /अन्नधान्य / गळित धान्य पीकांसाठी)				