

National Mission on Oilseeds and Oil Palm

Guidelines for Funding of Adaptive/Strategic Research Projects

National Mission on Oilseeds and Oil Palm (NMOOP) launched during 2014-15 envisages increasing production and productivity of oilseeds crops and oil palm through bringing in fallow areas under oilseed crops and diversification of area from low yielding cereals. It aims to achieve the required target by addressing major constraints to crop productivity through promotion of relevant technological interventions.

The experience gained during the course of implementation of Integrated Scheme on Oilseeds, Pulses and Maize (ISOPOM) has revealed that a sound backup of adaptive/strategic research strategy in emerging areas to bridge the yield gap is essential for the Mission to be successful. Moreover, many technological interventions need location-specific refinements for ensuring their effectiveness at the grass root level. Besides, a good number of innovations made by the farmers/ extension functionaries need scientific validation before their large scale promotion. In a few instances, there is lack of resource-relevant technologies for addressing crop productivity related constraints. In view of the above, a provision has recently been made under NMOOP for supporting scientific research on subjects crucial for attaining goals of the Mission during the 12th Five Year Plan. This makes it necessary to develop guidelines detailing procedure for funding and monitoring of projects under Mission sponsored adaptive/strategic research component in a systematic way.

1. Themes/ areas of research:

Financial support will be available for adaptive/strategic research in the following areas:

- Crop improvement including planting materials but excluding basic research
- Crop production including cropping systems, inter-cropping etc.
- Integrated pest management
- Water use efficiency
- Integrated plant . nutrient management including precision farming
- Post harvest management including oil extraction efficiencies
- Seed production technology
- Farm mechanization
- Any other research area for enhancement of oilseed crops production and productivity

2. Nature of research qualifying for support:

- Adaptive/strategic research that aims at refinement and value addition to existing crop production/resource conservation/post-harvest technologies through farmersq participatory programme.
- Addressing research gaps crucial to accomplishment of objectives of the Mission in short/medium term so that the outcome is available within 2 years for adoption

on large scale.

- Scientific validation of innovative technologies made and used by farmers.
- Anticipated outcome of the project should be practically feasible and economically viable.

3. Call for research project proposals:

- The Mission Director will circulate research themes to State Agriculture Universities; National and International Research Institutes/Organizations located in India and invite a Concept Note (not more than 5 pages) on proposed areas of research.
- The concept note should contain justification, relevance of proposed research to goals of NMOOP for enhancing oilseeds production, duration (not more than 3 years), area of operation, expected outcome, academic background of the Principal Investigator (PI) and number of projects handled by the PI.
- The decision for consideration/rejection of concept note of the research project will be taken at the level of Mission Director/Agriculture Commissioner, DAC.
- After scrutinizing the concept note of the research project at DAC level, detailed project proposal will be invited in the prescribed format (**Annexure-I**) from Head of the Institute/ Organization concerned.

4. Processing of project proposals:

- Each detailed project proposal received in prescribed format (Annexure-I) will be examined by Technical Support Group (TSG) Cell of NMOOP. The project proposal will be put up to Secretary (A&C).
- The final decision would be communicated to the Principal Investigator of the project.

5. Funding mechanism:

- Project will be sanctioned up to the terminal year of 12th Five Year Plan i.e. 2016-17.
- Funds will be released on yearly basis as per approved allocation to Institutes/Agencies.
- The funds will be released in two installments in a financial year, however, in exceptional cases, the funds may be released in one installment considering the activity plan of the project.
- The financial year of the project will be 1st April to 31st March.
- Funds will be released after receiving Audited Utilization Certificate (AUC) of the previous year and the unspent balance of previous year will be adjusted in the current year budget allocation.
- The funds allocation for projects particularly for up-scaling of technologies or

organization of demonstrations on large scale will be at par with NMOOP programme.

- Institutional Charges will be admissible as per norms of Institute/ Organization maximum up to 10% of the total allocated funds for the project.
- The institutional charges will be restricted to State Agriculture Universities/ State Universities/International Research Organizations etc. The institutional charges for ICAR institute will not be admissible as ICAR is the part of the Ministry of Agriculture. The State Governments will not be considered for institutional charges if NMOOP is being implemented in the state. NGOs are also not eligible for institutional charges as these are engaged to only implement the programme in the identified area.

6. **Monitoring and evaluation:**

- Principal Investigator will be required to submit Half Yearly Progress Report containing activity-wise targets and achievements made in prescribed format (**Annexure-II**) by 15th October.
- Monitoring team (comprising one expert from ICAR, one from State Agriculture University, one from DAC and one from State Department of Agriculture) will be constituted by the DAC for monitoring of project.
- Annual Progress Report should be submitted through the Head of the Organization/Competent Authority by 15th May in prescribed format (**Annexure-III**).
- Annual work will be reviewed at DAC by Mission Director/Agriculture Commissioner.
- A presentation of work done during the project period will be made by the Principal Investigator at DAC in presence of Agriculture Commissioner, Mission Director, NMOOP, Consultants (NMOOP) and Experts invited from ICAR/ SAUs on specific date as communicated by DAC.
- Final Report of the project in prescribed format (**Annexure -IV**) will be submitted within two months after termination of the project.

**National Mission on Oilseeds and Oil Palm
Department of Agriculture and Cooperation
Application for Research Grant**

1. Project title
2. Name and address of the Institute/ Organization seeking grant
3. Name and contact details of Principal Investigator
4. Project summary
5. Introduction: Give background, relevance to goals of NMOOP/production and productivity of oilseed crops and justification
6. Objectives: Enlist objectives that are clear and attainable within duration of the project
7. Review of Research: Review international and national research relevant to the proposed work and objectives published during the past 10 years. A brief mention of ongoing research projects and work accomplished by the institute/organization submitting project proposal
8. Expertise and infrastructure available with Institute/Organization for proposed project. Include background in brief, qualification and research experience of the PI/Co-PI along with list of their publications. Give a gist of facilities available for carrying out proposed project at the Institute/Organization
8. Duration of the project in years
9. Work plan:
 - i. Methodology
 - ii. Timeline of activities and activity milestones on half yearly basis
10. Expected outcome and its likely impact on production and productivity of oilseed crops, sustainability, climatic risk mitigation, resource conservation, input use efficiency, soil health etc
11. Budgetary requirement in prescribed format

**Signature & Seal of
the Head of Organization**

**Name and Signature of
Principal Investigator**

**National Mission on Oilseeds and Oil Palm
Department of Agriculture and Cooperation
Proforma for Half Yearly Progress Report**

1. Project title
2. Name, designation and address of Principal Investigator (PI)
3. Contact phone nos. and e-mail of PI
4. Name and address of Institute/ Organization
5. No. and date of project sanction order
6. Total amount approved
7. Date of inception and duration of the project
8. Objectives of the project
9. Activities and targets approved by DAC under each objective
10. Activity-wise achievements made and deviations from the targets, if any, with justification
11. Statement of expenditure against allocation under each sub-head
12. Constraints, if any

Name and Signature of Principal Investigator

**National Mission on Oilseeds and Oil Palm
Department of Agriculture and Cooperation
Proforma for Annual Progress Report**

Section A: General Information:

- Project title
- Name, designation, address, phone nos. and e-mail of PI
- Name and address of the Institute/ Organization
- Name, designation, phone nos. and e-mail of Head of the Organization
- No. and date of DAC sanction order
- Date of inception and duration of the project.

Section B. Technical:

- Objectives
- Activities approved under each objective
- Activity-wise progress against targets fixed
- Compiled and statistically analyzed data generated under each activity
- Inferences drawn, if any, under each activity
- Results of practical utility

Section C: Budget allocation and expenditure:

Information on progressive budgetary allocation and expenditure along with a statement of release of funds made by DAC should be furnished in the format given below:

Contd...

(a) Allocation and expenditure (Rs. in Lakhs)

S. No	Item	I Year		II Year		Total	
		Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure
1	Contractual Services						
2	Operations						
3	Travel						
4	Items/Inputs						
5	Equipment						
6	Workshops/ Training						
7	Miscellaneous						
8	Report writing						
	Total						

(b) Amount of funds (Rs. in Lakhs) released with date

Year	Allocation	Release	Differences(+/-)	Date of release
I				
II				
Total				

**Signature & Seal of
the Head of Organization**

**Name and Signature of
Principal Investigator**

**National Mission on Oilseeds and Oil Palm
Department of Agriculture and Cooperation
Proforma for Final Progress Report**

Section A: General Information:

- Project title
- Name, designation, address, phone nos. and e-mail of Principal Investigator
- Name and address of the Institute/ Organization
- Name, designation, phone nos. and e-mail of Head of the Organization
- No. and date of DAC sanction order
- Date of inception and duration of the project.

Section B. Technical:

- Objectives
- Activity-wise progress against targets fixed
- Compiled and statistically analyzed results of the project period
- Summary of findings
- Results of practical utility and recommendations for replication of technology

Section C: Budget allocation and expenditure:

Information on budgetary allocation and expenditure in the format given below:

Contd...

(b) Allocation and expenditure (Rs. in lakhs)

S. No	Item	I Year		II Year		Total	
		Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure
1	Contractual Services						
2	Operations						
3	Travel						
4	Items/Inputs						
5	Equipment						
6	Workshops/ Training						
7	Miscellaneous						
8	Report writing						
	Total						

(b) Amount of funds (Rs. in Lakhs) released with date

Year	Allocation	Release
I		
II		
Total		

**Signature & Seal of
the Head of Organization**

**Name and Signature of
Principal Investigator**