

Indian Council of Agricultural Research
(Division of Agricultural Extension)
Krishi Anusandhan Bhawan-1, Pusa, New Delhi-12

F. No. 9/ 32 /2019-AE-II

Dated: 17.09.2019

Subject: Submission of Project proposal for Cluster Frontline Demonstrations on Oilseeds under Promotion of Sustainable Agricultural Practices by KVKs during 2019-20-reg.

Please refer to your letter No. F. No. 12-6/2019/Oilseeds/CA dated 25.07.2019 on the subject cited above and request for Action Plan for the Project proposal on Cluster frontline Demonstration on Oilseeds by KVKs during 2019-20 as part of Promotion of Sustainable Agricultural Practices (SAP).

In this regard a detailed project proposal for Cluster Frontline Demonstration on oilseed with a budget of Rs. 32.1053250/- crores indicating the crop-wise, State-wise and ATARI-wise details of physical and financial targets has been prepared. A copy of the proposal is enclosed herewith. The programme will be provided administrative and Technical support by ICAR Headquarters. For this purpose, Dr. V. P. Chahal, Assistant Director General (Agril. Extn.) will act as Nodal Officer/PI at ICAR Headquarter and all the Director of ATARIs will act as Zonal Nodal Officers/Co-PI of the project.

Every KVK shall conduct demonstrations in as much as 130 to 150 ha area. Each FLD shall be of one Acre area. Therefore, each KVK shall layout 325 to 375 FLDs. In view of vacant positions of SMSs in many KVKs, it will not be possible practically to conduct these demonstrations in farmers field without contractual manpower for at least six months. In view of this situation, it is proposed to provide additional contingency to KVKs @ of 5 % of the sanctioned budget for conducting FLDs.

Your department is requested to approve and section the proposal and kindly release the funds timely to enable us to develop the technical plan for execution of the FLDs with complete technology package and making arrangements for timely availability of critical inputs to participating farmers.

Encl: As above


17/9/19
(V.P. Chahal)
Assistant Director General (Agril. Extn.)

Dr. Anupam Barik
Additional Commissioner (Oilseeds),
Department of Agriculture, Cooperation & Farmers Welfare,
Ministry of Agriculture, Krishi Bhawan, New Delhi.

No.12-6/2019/Oilseeds/CA
Govt. of India
Ministry of Agriculture & Farmers' Welfare
Department of Agriculture, Cooperation & Farmers' Welfare
Oilseeds Division

Krishi Bhawan, New Delhi
Dated: 25th October, 2019

To
Dr. A.K. Singh
Deputy Director General (Agricultural Extension)
Indian Council of Agricultural Research,
Krishi Anusandhan Bhavan-I, Pusa, New Delhi-110012

Sub: Administrative approval of Project entitled Additional Cluster Frontline Demonstrations (CFLDs) on oilseeds under Promotion of Sustainable Agriculture practices by ICAR-KVKs as lead institutions to commemorate the 150th birth anniversary of Mahatma Gandhi during 2019-20-reg.

Sir,

I am directed to refer to your letter, no. 9/32/2019-AE-II dated 17.09.2019 and to convey the administrative approval for the project entitled "Additional Cluster Frontline Demonstrations (CFLDs) on oilseeds under Promotion of Sustainable Agriculture practices as lead institutions to commemorate the 150th birth anniversary of Mahatma Gandhi during 2019-20" under NFSM-Oilseeds is to be implemented by 11 Zones of ICAR-Agricultural Technology Application Research Institute (ATARIs) and 350 no. of KVKs with a total outlay of Rs. 30,57,65,000/- (Rupees Thirty crores fifty-seven lakh ninety sixty-five thousand only).

I. The component/ ATARI, Zone-wise approved budget is as under:

Implementing Agency/ATARI	No. of KVKs	No. of Demonstration (in Acre)	Area (ha)	Budget for Cluster FLDs. (in Rs.)
1	2	3	4	5
ATARI, Zone-I, Ludhiana	41	14050	5620	33720000
ATARI, Zone-II, Jodhpur	46	14575	5830	34980000
ATARI, Zone-III, Kanpur	49	15125	6050	36300000
ATARI, Zone-IV, Patna	40	12675	5070	30155000
ATARI, Zone-V, Kolkata	31	10175	4070	32160000
ATARI, Zone-VI, Guwahati	23	7525	3010	18060000
ATARI, Zone-VII, Barapani	9	2975	1190	7980000
ATARI, Zone-VIII, Pune	33	11375	4550	32670000
ATARI, Zone-IX, Jabalpur	50	16625	6650	39900000
ATARI, Zone-X, Hyderabad	24	8100	3240	35110000
ATARI, Zone-XI, Bangalore	4	1350	540	4730000
Total	350	114550	45820	305765000

II. The funds will be utilized for implementing the project as per the guidelines of NFSM-Oilseeds. The approval of the project is subject to the following conditions:

1. The demonstrations of each oilseed crop should be organized in cluster approach (at least 10 ha for each cluster).
2. The varieties of oilseed crops to be included in the demonstrations should not be older than 10 years.
3. More focus should be given to organize demonstration of oilseeds in rice fallow areas in Eastern India.

P.T.O.

4. 10% of cluster demonstration fund earmarked for each crop (Groundnut Rs. 12000/-, Soybean Rs. 7500/-, Sunflower Rs. 6000/- and R&M Rs. 6000/-, Sesame, Niger, Safflower, Castor and Linseed Rs. 5000/-, is allowed to be utilized for monitoring, distribution of literature and organization of field day.
5. Cluster Frontline Demonstration will be conducted under the direct supervision of the scientists, they should promote INM and IPM, so as to reduce the cost of cultivation and help farmers realize better return. The KVK should advise the farmers on marketing of this produce. The scientists from KVK will conduct visit to the demonstrations site to resolve problem on spot.
6. Each KVK will furnish cafeteria of interventions for each crop to be undertaken at the demonstration site.
7. The demonstrations should be easily accessible to create awareness among the farmers.
8. Farmer should be trained for seed production, primary processing etc.
9. For individual farmer, cluster frontline demonstration, should not exceed more than 2 acres or (0.80 ha).
10. The qualification and salary of Senior Research Fellow and Data Entry Operator is admissible as per the approved norms of the ICAR/University.
11. Travelling Allowance and Daily Allowance is admissible as per norms of Govt. of India.
12. The training to be organized as per norms of NFSM-Oilseeds.
13. The list of beneficiary-farmers should be maintained at each ATARI level.
14. The contribution of individual intervention should also be documented.
15. Supply of chemical fertilizers, which are already subsidized, will not supported as input under cluster frontline demonstration however, payment of various operations/ services and inputs (seed, bio-fertilizers, soil ameliorants, micro-nutrients etc.) are allowed. Farmers have to apply recommended dose of chemical fertilizers to obtain potential yield.
16. Each ATARI designated for a particular zone will prepare a detailed report on the demonstrations of oilseeds and consolidated final report will be submitted by Department of Agricultural Extension-ICAR, New Delhi.



(Dr. Anupam Barik)

Addl. Commissioner (Oilseeds)

Encl: As above

Distribution:

1. Director General, ICAR, Krishi Bhawan, New Delhi
2. Dy. Director General (CS), ICAR, Krishi Bhawan, New Delhi
3. Asstt. Director General (Agriculture Extension) ICAR, Pusa, New Delhi-110012
4. Director, Agricultural Technology Application Research Institute (Formerly Zonal Project Directorate), Ludhiana (Zone-I)/ Jodhpur (Zone-II)/ Kanpur (Zone-III)/ Patna (Zone-IV)/ Kolkata (Zone-V)/ Guwahati (Zone-VI)/ Barapani (Zone-VII)/ Pune (Zone-VIII)/ Jabalpur (Zone-IX)/ Hyderabad (Zone-X) and Bangalore (Zone-XI) for information and necessary action.
5. The Secretary (Agriculture), Govt. of Punjab, Rajasthan, Uttar Pradesh, Bihar, West Bengal, Assam, Meghalaya, Maharashtra, Madhya Pradesh, Andhra Pradesh and Karnataka
6. Director of Agriculture, Govt. of Punjab, Rajasthan, Uttar Pradesh, Bihar, West Bengal, Assam, Meghalaya, Maharashtra, Madhya Pradesh, Andhra Pradesh and Karnataka

7. Director, IOR. Hyderabad-500030, Telangana for information and necessary action

Copy to:

1. PPS to Secretary (A & C), DAC&FW, Krishi Bhawan, New Delhi
2. PPS to Agriculture Commissioner, DAC&FW, Krishi Bhawan, New Delhi
3. PPS to Joint Secretary (Oilseeds), DAC&FW, Krishi Bhawan, New Delhi
4. Asstt. Director General (O&P), ICAR, Krishi Bhawan, New Delhi
5. Additional Commissioner (NFSM), DAC&FW, Krishi Bhawan, New Delhi
6. Director (Oilseeds) DAC&FW, Krishi Bhawan, New Delhi
7. National Consultants (Oilseeds), Shastri Bhawan, New Delhi
8. Director, Directorate of Oilseeds Development, Himayatnagar, Hyderabad
9. Director (Fin.) DAC&FW, Krishi Bhawan, New Delhi
10. Under Secretary (Oilseeds), DAC&FW Krishi Bhawan, New Delhi
11. AC (OS) Oilseeds Division, Krishi Bhawan, New Delhi
12. Section Officer, CA-II, Krishi Bhawan, New Delhi
13. Programmer for uploading on official website.

Project Proposal

**Cluster Frontline Demonstrations on
Oilseeds during 2019-20 under Promotion
of Sustainable Agricultural Practices**

To be implemented by KVKs

**Division of Agricultural Extension
Indian Council of Agricultural Research
Krishi Anusandhan Bhawan-I, Pusa,
New Delhi**

Background:

Oilseeds occupy an important position in the agricultural economy of India. The country is the largest producer of oilseeds in the world and contributes 7 per cent of the global vegetable oils production with 14 per cent share in the area. In terms of acreage, production and economic value, these crops are second only to food grains. The growth in the domestic production of oilseeds has not been able to keep pace with the growth in the demand in the country. Low and unstable yields of most oilseed crops, and uncertainty in returns to investment, which result from the continuing cultivation of oilseeds in rainfed, high risk production environments, are the factors leading to this situation of wide demand-supply gap.

India is one of the major oilseeds grower and importer of edible oils. India's vegetable oil economy is world's fourth largest after USA, China & Brazil. The oilseed accounts for 13% of the Gross Cropped Area, 3% of the Gross National Product and 10% value of all agricultural commodities. The diverse agro-ecological conditions in the country are favorable for growing 9 annual oilseed crops, which include 7 edible oilseeds (groundnut, rapeseed & mustard, soybean, sunflower, sesame, safflower and niger) and two non-edible oilseeds (castor and linseed). Oilseeds cultivation is undertaken across the country in about 27 million hectares mainly on marginal lands, of which 72% is confined to rainfed farming.

Proposed FLDs on Oilseeds by KVKs :

As per operational guidelines of NFSM-Oilseeds, the ICAR is the nodal agency for conducting Frontline demonstrations (FLDs) on oilseeds. The FLDs will be conducted by National Agricultural Research System (NARS) i.e. ICAR Institutes, Agriculture Universities and Krishi Vigyan Kendras (KVKs) etc. Therefore, it is proposed that cluster FLDs on oilseeds will be conducted through KVKs during 2019-20. The programme is to be implemented by KVKs under the guidance and monitoring of 11 Directors of Agricultural Technology Application Research Institutes (ATARIs).

Budget Provision:

A total budget of Rs. 31.50/- crores has been proposed for conducting FLDs on Rabi oilseeds including rapeseed mustard, Sesame, Groundnut, Castor and Sunflower. The budget has been proposed as per the operational guidelines of NFSM, Ministry of Agriculture, Government of India. The proposed FLDs will be a part of the Annual Action Plan (AAP) of KVKs 2019-20 prepared by ICAR. The CFLD on Oilseeds will be covered (0.4 ha each) @ 150 farmers in selected 350 district through respective KVKs. The size of FLD plot will be of one acre and assistance will be provided on pro-rata basis. 10% of FLD fund will be utilized by implementing agency for preparation of report, monitoring and organizing farmers' fair/mela/gosthi/field day etc.

The FLDs will be conducted under the direct supervision of KVK scientists by following the methodology of FLDs standardized by ICAR with an objective to demonstrate the production potential of the newly released varieties, proven production technologies and best practices in the farmers' field. In addition, the focus will be on generating data on factors

contributing towards productivity and production enhancement under real farming situations. The summary of the proposed budget is given in **Table-I**. The ATARI/Zone-wise, budget under different heads is given in **Annexure-I**. The State-wise details of area proposed for FLDs on Rabi Oilseeds is given in **Annexure-II**.

Specific Guidelines for implementation of FLD Programme on Oilseeds:

The farming situation of the cluster of FLD fields will be analysed by the KVK with a benchmark survey and analysis of prevailing agro-eco-system and its bio-physical resources and problems. Critical inputs, which are generally not applied by farmers, will be provided as part of the technology package to the farmers by the KVK including seed, fertilizer, plant protection chemicals, etc. The FLDs will be conducted following the district specific technology modules of the selected oilseed crop. With each cluster of 10 ha FLD, at least two control plots will be maintained showing the practices followed by farmers of the area. Selection of FLD farmers will be based on their willingness to conduct the FLD as per the technology package decided jointly by the experts and the farmers and their willingness to support the field programmes on the site and provide the feedback and related data to the KVK scientist at different stages of crop.

Fund flow Procedure:

As regards fund flow and submission of the action plan of FLDs, it is proposed that Zone wise consolidated action plans/project proposal, separately for oilseeds, will be submitted by Agricultural Extension Division indicating the amount of budget and the crop-wise and KVK-wise proposed area as per cost norms as approved under NFSM for Oilseeds. The sanctioned budget may be directly released to ICAR Headquarters, New Delhi for further release to eleven Directors of Agricultural Technology Application Research Institutes (ATARIs) for the FLDs proposed to be conducted by the KVKs of that Zone. The Directors of ATARIs shall further release the sanctioned amounts for conducting the FLDs by the KVKs in their respective zones. After receiving of the UC and AUCs from the KVKs and their host organizations, the concerned Director, ATARI will submit the UCs and AUCs of the expenditure to Nodal Institute ATARI, Jabalpur. The Nodal Institute ATARI, Jabalpur shall submit the consolidated AUC to Agricultural Extension Division, ICAR Headquarters, New Delhi for onward transmission to Department of Agriculture, Cooperation & Farmer Welfare.

Monitoring and Evaluation of Progress:

The FLD programme will be implemented in the overall guidance of Deputy Director General (Agril. Extn.) and one Nodal Assistant Director General (AE) at ICAR headquarters. At Zonal level the FLD programme will be formulated, implemented, monitored and evaluated by the Directors, ATARI and its core team of scientists. Further, the programme will be provided technical backstopping by ICAR Institutes working on oilseeds, AICRP centres of oilseeds and Directorates of Extension Education of Agricultural Universities. Further, the physical/financial programme will also be reviewed in Scientific Advisory Committee Meeting, monthly and periodical report and annual zonal and State level action plan meetings and review workshops. The annual final report containing physical and financial progress of the FLDs shall be prepared and submitted to Department of Agriculture & Cooperation.

Fund Earmarked for Institutional Contingencies:

Every KVK shall conduct demonstrations in as much as 130 to 150 ha area. Each FLD shall be of One Acre area. Therefore, each KVK shall layout 325 to 375 FLDs. In view of vacant positions of SMSs in many KVKs, it will not be possible practically to conduct these demonstrations in farmers field without contractual manpower for at least six months. In view of this situation it is proposed to provide additional contingency to KVKs @ of 5 % of the sanctioned budget for conducting FLDs. Therefore, ATARI-wise additional budget for contingency to the KVK has been proposed to the expenses for contractual manpower and meeting other small expenses on POL/actual travel fare by local transport etc.

Table-I

Summary of Cluster Frontline Demonstration on Oilseed under SAP 2019-20

Implementing Agency/ATARI	No. of KVKs	No of Demo (in Acre)	Area(ha)	Budget for Cluster FLDs.	* Additional 5% Contingency Funds for KVKs*	**Printing Reports and etc.	Total (in Rs.)(Col. 5+7+8)
1	2	3	4	5	6	7	8
ATARI-I, Ludhiana	41	14050	5620	33720000	1686000	40000	35406000
ATARI-II, Jodhpur	46	14575	5830	34980000	1749000	40000	36729000
ATARI-III, Kanpur	49	15125	6050	36300000	1815000	40000	38115000
ATARI-IV, Patna	40	12675	5070	30155000	1507750	40000	31662750
ATARI-V, Kolkata	31	10175	4070	32160000	1608000	40000	33768000
ATARI-VI, Guwahati	23	7525	3010	18060000	903000	40000	18963000
ATARI-VII, Barapani	9	2975	1190	7980000	399000	40000	8379000
ATARI-VIII, Pune	33	11375	4550	32670000	1633500	40000	34303500
ATARI-IX, Jabalpur	50	16625	6650	39900000	1995000	100000	41895000
ATARI-X, Hyderabad	24	8100	3240	35110000	1755500	40000	36865500
ATARI-XI, Bangalore	4	1350	540	4730000	236500	40000	4966500
Total	350	114550	45820	305765000	15288250	500000	321053250

* Additional fund @ of 5% of the sanctioned budget of FLDs is proposed for contractual manpower and meeting other small expenditure on POL/ actual travel fare by local transport and other expenses.

**Miscellanies expenditure includes preparation of training and exhibition material, printing of reports and extension literature etc. .

ATARI, Zone-I, Ludhiana

S. No.	Crops	State	No. of Demonstration	Area (in ha)	Budget (in Rs.)
1	2	3	6	7	8
1. Rabi Season					
1	Rapseed Mustard	Punjab	4750	1900	11400000
		Himachal Pradesh	2725	1090	6540000
		Jammu & Kashmir	3450	1380	8280000
		Uttarakhand	3125	1250	7500000
Total Rabi Season			14050	5620	33720000

ATARI, Zone-II, Jodhpur

S. No.	Crops	State	No. of Demonstration	Area (in ha)	Budget (in Rs.)
1	2	3	6	7	8
1. Rabi Season					
1	Rapseed Mustard	Rajasthan	9500	3800	22800000
		Delhi	275	110	660000
		Haryana	4800	1920	11520000
Total Rabi Season			14575	5830	34980000

ATARI, Zone-III, Kanpur

S.No.	Crops	State	No. of Demonstration	Area (in ha)	Budget (in Rs.)
1	2	3	4	5	6
1. Rabi Season					
1	Rapseed Mustard	Uttar Pradesh	15125	6050	36300000
2			15125	6050	36300000

ATARI, Zone-IV, Patna

S.No.	Crops	State	No. of Demonstration	Area (in ha)	Budget (in Rs.)
1	2	3	6	7	8
1. Rabi Season					
1	Sesame	Bihar	662.5	265	1325000
2	Rapseed Mustard	Bihar	6812.5	2725	16350000
		Jharkhand	5200	2080	12480000
Total Rabi Season			12675	5070	30155000

**ATARI-II, Jodhpur
State: Rajasthan**

Sr. No.	Name of KVK	Rabi Area in ha	Total Additional Area (ha) under SAP	Total Demo proposed under SAP (ha)	150 CFLD per district by KVKs to commemorate the 150th birth of Mahatma Gandhi	Already Implemented CFLD
		Mustard				
42.	Bikaner-I	130	130	325	150	20
43.	Jaisalmer-I	130	130	325	150	20
44.	Sriganganagar	120	120	300	150	30
45.	Bikaner- II	130	130	325	150	20
46.	Jaisalmer-II	130	130	325	150	20
47.	Sikar	130	130	325	150	20
48.	Ajmer	130	130	325	150	20
49.	Jaipur-II	130	130	325	150	20
50.	Jalore	130	130	325	150	20
51.	Nagar-I	120	120	300	150	30
52.	Nagar-II	120	120	300	150	30
53.	Barmer- II	120	120	300	150	30
54.	Jodhpur-II	120	120	300	150	30
55.	Sirohi	120	120	300	150	30
56.	Kota	140	140	350	150	10
57.	Bhilwara	140	140	350	150	10
58.	Dungarpur	130	130	325	150	20
59.	Chittorgarh	130	130	325	150	20
60.	Rajsamand	130	130	325	150	20
61.	Pratapgarh	140	140	350	150	10
62.	Udaipur-II	120	120	300	150	30
63.	Barmer-I	120	120	300	150	30
64.	Udaipur	120	120	300	150	30
65.	Churu-I	120	120	300	150	30
66.	Jaipur-I	120	120	300	150	30
67.	Tonk	120	120	300	150	30
68.	Hanumangarh-I	130	130	325	150	20
69.	Alwar-II	130	130	325	150	20
70.	Jodhpur-I	120	120	300	150	30
71.	Pali	130	130	325	150	20
Total		3800	3800	9500	4500	700

State: Delhi

S. No.	Name of KVK	Rabi Area in ha	Total Additional Area (ha) under SAP	Total Demo proposed under SAP (ha)	150 CFLD per district by KVKs to commemorate the 150th birth of Mahatma Gandhi	Already Implemented CFLD
		Mustard				
72.	Delhi	110	110	275	150	40
Total		110	110	275	150	40

State: Haryana

S. No.	Name of KVK	Rabi Area in ha	Total Additional Area (ha) under SAP	Total Demo proposed under SAP (ha)	150 CFLD per district by KVKs to commemorate the 150th birth of Mahatma Gandhi	Already Implemented CFLD
		Mustard				
73.	Hisar	120	120	300	150	30
74.	Bhiwani	130	130	325	150	20
75.	Yamunanagar	130	130	325	150	20
76.	Jhajjar	130	130	325	150	20
77.	Kaithal	130	130	325	150	20
78.	Kurukshetra	130	130	325	150	20
79.	Mahendergarh	120	120	300	150	30
80.	Jind	130	130	325	150	20
81.	Rohtak	130	130	325	150	20
82.	Sirsa	130	130	325	150	20
83.	Sonapat	130	130	325	150	20
84.	Panipat	130	130	325	150	20
85.	Karnal	130	130	325	150	20
86.	Gurgaon	130	130	325	150	20
87.	Rewari	120	120	300	150	30
Total		1920	1920	4800	2250	330