

F.No. 18-9/2016-NFSM
Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture, Cooperation and Farmers Welfare
(NFSM-Cell)

Krishi Bhawan, New Delhi,
Dated: 28.06.2016

To,
Secretary & Director General,
ICAR, Krishi Bhawan,
New Delhi -110001

Sub: Project on “Enhancing breeder seed production for increasing indigenous production of pulses in India” funding under NFSM -reg.

Sir,

I am directed to refer to your D.O. No. CS13(2)/2016-OP/492 dated 05.05.2016 and to convey that the competent authority of this Department has approved the project entitled “Enhancing breeder seed production for increasing indigenous production of pulses in India” funding under Centrally Sponsored Scheme of National Food Security Mission (NFSM) for the financial years 2016-17 with a total outlay of **Rs. 2039.00 Lakhs Lakhs (Rupees two thousand, thirty nine lakh only)**. The centre-wise details of breeder seed production targets of various pulses through SAUs/ ICAR Institutes approved under project is given at **Annexure-I**. The details of budget of the project approved are as under:-

(Rs. in lakh)

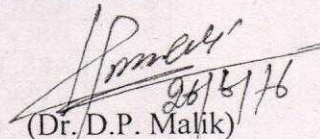
S. No	Name of Centre	Item wise Financial Allocation			Total Financial budget
		Works	Seed processing unit	Farm implements	
1	ARS, Kota Agril. Univ. Kota Rajasthan	90.00	20.00	70.00	180.00
2	BAU, Sabour, Bihar	130.00	40.00	25.00	195.00
3	ARS, Badnapur VNM, Krishi vidya peeth Prabhani Maharashtra	105.00	10.00	30.00	145.00
4	ICAR-IIPR, Region Station Bhopal, Madhya Pradesh	190.00	35.00	50.00	275.00
5	ARS, Berhampur, OUAT, Bhubaneswar, Odisha	40.00	55.00	45.00	140.00
6	ICAR-IIPR, Kanpur	130.00	35.00	0.0	165.00
7	JNKVV, Jabalpur, Madhya Pradesh	160.00	0.0	30.00	190.00
8	ARS, Lam, ANGRAU, Andhra Pradesh	85.00	55.0	35.00	175.00
9	RVSKVV, Gwalior, Madhya Pradesh	50.00	0.0	42.00	92.00
10	UAS, Dharwad Karnataka,	0.0	0.0	177.00	177.00
11	MPKV, Rahuri Maharashtra	60.00	25.0	73.00	158.00
12	RARI, Durgapur, Sri Karan Narendra Agri. Univ. Jobner, Rajasthan	85.00	4.0	58.00	147.00
Grand Total		1125.00	279.00	635.00	2039.00

The details of items under heads i.e works, seed processing unit and farm implements for various centres is given at **Annexure-II**

2. The above project has been approved with the following conditions:

- Indian Institute of Pulses Research (IIPR), Kanpur will act as a Nodal Agency for implementation of project for Enhancing Breeder Seed Production for Increasing Indigenous Production of Pulses in India. Funds shall be released to IIPR, Kanpur. After that, IIPR, Kanpur shall disburse fund to each centres at SAUs/ICAR institutes.
- ICAR has proposed 12 institutes for production of additional quantity of breeder seed of pulses i.e. chickpea, mungbean, urdbean, pigeonpea, lentil and field pea.
- The budget proposed for each centre is mainly for works, seed processing units and farm implements.

- ICAR and IIPR-Kanpur will ensure the requirement of breeder seed of these major pulses to the states for which no institute is included in the project for production of breeder seed.
- The varieties of various pulses to be included in production of breeder seed should be less than 10 years old. Priority should be given to production of breeder seed of newly released/notified varieties particularly for the states where scarcity of breeder seed of new varieties.
- IIPR- Kanpur will ensure that the funds allocated for each centre under heads i.e. works, seed processing units and farm implements will be utilized for production of breeder seed of pulses.
- The items proposed under heads i.e. works, seed processing units and farm implements for each institute under the project are allowed. The institute is not allowed to purchase items other than proposed in the project. The transfer of funds from one head to another head for each institute is not allowed.
- Each institute will share quantity of breeder seed of pulses with Department of Agriculture, Seed Corporation of respective states as well as central seed producing agencies.
- IIPR-Kanpur will analyze the breeder seed requirement of pulses in each season and make necessary arrangements for supply of breeder seeds for multiplication to seed producing agencies.
- IIPR-Kanpur will take responsibility that the additional quantity of breeder seed to be produced up to 2018-19 will be continued in a sustainable manner so that the desired Seed Replacement Rate (SRF) and Varietal Replacement Rate (VRR) may be achieved for increasing production of pulses in the country.
- For increasing the cultivation of pulses (moong bean, urd bean) in summer season in irrigated areas, IIPR-Kanpur will focus on the production of breeder seed of the varieties which are recommended for cultivation in summer season.
- The minor pulses like rajmash, mothbean, cowpea, horsegram etc. may also be included in existing seed production programme undertaken by institutes breeder seed programme to promote the cultivation of newer varieties of these pulses in niche areas of some states.
- IIPR-Kanpur will submit a report on production of breeder seed of various pulses for each season to Crops Division and Seed Division of DAC & FW, New Delhi.
- IIPR-Kanpur will also share the information with Seed Division of DAC & FW regarding availability of breeder seed of various pulses for allocation to various central and state producing agencies.
- The funds for the project are to be released in three instalments in the ratio of 40:40:20 for effective implementation and monitoring of the project.


(Dr. D.P. Malik)

Additional Commissioner (Crops)

Copy to:

a. DAC&FW

- Joint secretary (Seeds), DAC&FW, Krishi Bhawan, New Delhi
- Under Secretary (Finance), DAC&FW, Krishi Bhawan, New Delhi
- Under Secretary (CA-V), DAC&FW, Krishi Bhawan, New Delhi
- PPS to Secretary (AC&FW), DAC&FW, Krishi Bhawan, New Delhi
- PPS to Additional Secretary (AD), DAC&FW & FW, Krishi Bhawan, New Delhi
- PPS to Agriculture Commissioner, DAC&FW, Krishi Bhawan, New Delhi
- PPS to Joint Secretary (Crops), DAC&FW, Krishi Bhawan, New Delhi
- PS to Director (Crops), DAC&FW, Krishi Bhawan, New Delhi
- PS to Additional Commissioner, DAC&FW, Krishi Bhawan, New Delhi
- Directors, all CDDs, DAC&FW
- Deputy Commissioner (Crops), DAC&FW, Krishi Bhawan, New Delhi
- Guard File
- Programmer NFSM

S. No.	Name of the centers	Items	Quantity /Remarks	Proposed Budgets (Rs. in Lakhs)
1.	ARS Kota, Agriculture University, Kota (Rajasthan)	a. Works		
		Implement shed (30x10 m)	01	10.00
		Extension and covering of existing threshing floor (30x60 sq ft)	02	15.00
		Masonry farm boundary wall	1500 m	50.00
		Open wall	01	15.00
		Total a		90.00
		b. Seed processing unit		
		Seed Processing plant (repairing and renovation)	01	10.00
		Seed processing equipment's less than Rs. 2.0 lac: Stitching machine, Platform scale (with digital display up to 300 kg), Platform scale Avery type (up to 300 kg), Electronic balance	01 each	10.00
		c. Farm implements		
		Tractor with accessories	04	35.00
		Sprinkler system	04	15.00
		Farm implements less than Rs. 2.0 lac :- Power sprayer (2 Nos), Hydraulic Trolley (2 Nos), Rotavator (2 Nos), BBF Planter (2 Nos)	-	20.00
		Total b+c		90.00
		Total (a+b+c)		180.00
2.	BAU Sabour (Bihar)	a. Works		
		Structure for Seed Processing Plant (11 x 40 m)	01	45.00
		Seed storage (11 x 33 m),	01	45.00
		Transit - Roe seed storage (10 x 40 m), (12x20m)	01	40.00
		Total a		130.00
		b. Seed processing unit		
		Seed processing plant (with pre- cleaner, grader, indented, cylinder, gravity, separator with essential elevator) capacity 3-5THP	01	35.00
		Seed processing equipment's less than Rs. 2.0 lac:- Stitching machine, Platform scale (with digital display up to 300 kg), Platform scale Avery type (up to 300 kg), Electronic balance	-	5.00
		c. Farm Implements		
		Tractor 55HPwith accessories	02	25.00
		Total b+c		65.00
		Total (a+b+c)		195.00
3.	ARS, Badnapur, VNM, Krishi Vidya Peeth Parbhani (Maharashtra)	a. Works		
		Seed storage (11x33m)	01	50.00
		Chain link fencing of farm (700m)	-	25.00
		Sump well	02	10.00
		Threshing yard and drying platform,(6x15m)	01	10.00
		Implement shed (30x10 m)	01	10.00
		Total a		105.00
		b. Seed processing unit		
		Seed Processing plant (repairing and	01	10.00

		renovation)		
		c. Farm Implements		
		20 HP mini tractor with accessories	02	10.00
		sprinkler system (50ha), irrigation pipes etc.	-	15.00
		Air screen cleaner	01	5.00
		Total b+c		40.00
		Total (a+b+c)		145.00
4.	ICAR-IIPR Regional Station, Bhopal (M.P.)	a. Works		
		Structure for Seed processing plant (12x15m)		50.00
		Threshing floor(30x30 m)		40.00
		Approach road/irrigation/drainage channel		40.00
		Farm boundary /boundary wall	500 m	25.00
		Chain link fencing of far	1000 m	35.00
		Total works		190.00
		b. Seed processing unit		
		Seed processing plant (with pre- cleaner, grader, indented, cylinder, gravity, separator with essential elevator) capacity 3-5THP	01	35.00
		c. Farm implements		
		Tractor (65 HP)with accessories	01	10.00
		Mini tractor 20 HP with accessories	01	7.00
		Farm implements less than Rs. 2.0 lac :- leveler, Power sprayer, Hydraulic trolly, Rotavator, BBF Planter, thresher, seed cum fertilizer drill and other farm related implements etc.	-	18.00
		Sprinkler system (50ha)		15.00
		Total Implements		85.00
		Sub Total		275.00
5.	ARS, Berhampur OUAT, Bhubaneswar (Odisha)	a. Works		
		Covered threshing floor (6x15m)	01	10.00
		Deep bore well	01	10.00
		Seed storage Godown	01	20.00
		Total a		40.00
		b. Seed processing unit		
		Seed processing plant (with pre- cleaner, grader, indented, cylinder, gravity, separator with essential elevator) capacity 3-5THP	01	35.00
		Mobile seed processing unit	01	15.00
		Seed processing equipment's less than Rs. 2.0 lac:- Stitching machine, Platform scale (with digital display up to 300 kg), Platform scale Avery type (up to 300 kg), Electronic and other farm related equipments		5.00
		c. Farm implements		
		Tractor 55HP with accessories	02	20.00
		Sprinkler sets for 50ha	-	15.00
		Farm implements less than Rs. 2.0 lac:- Power thresher, Sub mursive pump with accessories, Bag closing machine, Seed cum fertilizer drill, and other farm related implements	-	10.00
		Total b+c		100.00
		Total (a+b+c)		140.00
6.	ICAR-IIPR Kanpur (U.P.)	a. Works		
		Barbed wire fencing with cement poles & boundary wall	1000 m	45.00
		Covered seed drying yard without peripherals brick wall (50x 12.5 m)	600 sq mt	50.00

		Yard for harvested crops (30x10m)	01	20.00
		3.50 meter wide farm approach C.C road	01	15.00
		Total a		130.00
		b. Seed Processing Unit		
		Seed processing plant (with pre- cleaner, grader, indented, cylinder, gravity, separator with essential elevator) capacity 3-5THP	01	35.00
		Total b		35.00
		Total (a+b)		165.00
7.	JNKVV Jabalpur (M.P.)	a. Works		
		Fencing	600 m	50.00
		Covered threshing floor (20x20m)	01	23.00
		Seed storage godown (10x15m)	02	70.00
		Open well	0.4	15.00
		Tube well	01	2.00
		Total a		160.00
		b. Farm implements		
		Tractor 55 HP with accessories	02	20.00
		Farm implements less than Rs. 2.0 lac: Ridge planter, Hydraulic Trolley, Happy Seeder, Rotavator, Seed cum fertilizer drill other farm related implements	-	10.00
		Total b		30.00
		Total (a+b)		190.00
8.	ARS Lam, Acharya N.G. Ranga Agricultural University, Guntur. (A.P.)	a. Works		
		Farm sheds, threshing and drying facilities including covered threshing floor,	20x20	20.00
		Irrigation and drainage facility including farm ponds, bore well	-	15.00
		Seed storage at Thangedancha and ARS Ghantasala (11x15m) each	2	50.00
		Total a		85.00
		b. Seed Processing Unit		
		Seed processing plant (with pre- cleaner, grader, indented, cylinder, gravity, separator with essential elevator) capacity 1.5-5THP (at Thangedancha and ARS Ghantasala)	2	55.00
		c. Farm implements		
		Tractor 55 HP with accessories	-	10.00
		pick van		10.00
		Micro-irrigation facility in 100 acres		15.0
		Total b+c		90.00
		Total (a+b+c)		175.00
9.	RVSKVV, Gwalior, (M.P.)	a. Works		
		Seed Godowns (20x10 m)	2	50.00
		Total a		50.00
		b. Farm implements		
		Tractor + Hydraulic Trolly	2	20.00
		Seed drill	4	3.00
		Tube well with pump set	2	6.00
		Irrigation pipes set 1000 mt.	5	10.00
		Power sprayer	4	3.00
		Total b		42.00
		Total (a+b)		92.00
10.	UAS, Dharwad (Karnataka)	Farm/seed implements		
		Seed grader 2TPH	1	15.00
		Gravity separator 4 TPH	1	15.00
		Accessories (Elevators/platform/compressor		10.00

		and screens		130.00
		Colour sorter with accessories and its installation	1	
		Screens Accessories (Screens/plastic pallets/weighing/transport equipments	-	5.00
		Other miscellaneous equipment (weighing balance/Bag closer)	-	2.00
		Total		177.00
11.	MPKVV, Rahuri (Maharashtra)	a. Works		
		Farm ponds (75x50x6m)	2	30.00
		Seed storage structure (11x20m)	01	20.00
		Drying shed 10x15	01	10.00
		Total a		60.00
		b. Seed processing unit		
		Processing plant up gradation		25.00
		c. Farm implements		
		Combine harvester	1	20.00
		Tractor with accessories	2	22.00
		PVC pipeline		15.00
		Drip/sprinkler irrigation system (50ha)		15.00
		Electric motor 20HP	2	1.00
		Total b+c		98.00
		Total (a+b+c)		158.00
12	RARI, Durgapura, Sri Karan Narendra Agriculture University, Jobner (Rajasthan)	a. Works		
		Chain link fencing of farm boundary	3000 m	45.00
		Seed godown (50x20 =1000 sq.ft.)	1	40.00
		Total a		85.00
		b. Seed processing unit		
		Hydraulic bag stacker	1	3.00
		Packing machine (Pouch)	1	1.00
		c. Farm implements		
		Combine harvester	1	30.00
		Tractor with accessories	2	14.00
		Carriages	1	14.00
		Total b+c		62.00
		Total (a+b+c)		147.00
		Grand total works (a)		1125.00
		Grand total (b+c)		914.00
		Grand Total (a+b+c)		2039.00

P. M. 24
28/10/00

Centre-wise breeder seed production targets of various pulses through SAUs/ICAR Institutes approved is as under:

(in quintals)

S. No.	Name of Centre	Crop	Present status of breeder seed production	Additional quantity of breeder seed to be produced			Total Additional Breeder Seed	Total quantity to be produced 2018-19 onwards
			2016-17	2016-17	2017-18	2018-19		
1	ARS Kota, Agriculture University, Kota (Rajasthan)	Chickpea	317	150	20	20	190	507
		Mungbean	30	30	15	20	65	95
		Urdbean	10	17	10	10	37	47
		Lentil	17	20	15	10	45	62
		Fieldpea	5	20	10	10	40	45
		Total	379	237	70	70	377	756
2	BAU Sabour (Bihar)	Chickpea	210	100	20	20	140	350
		Mungbean	20	20	15	20	55	75
		Urdbean	10	20	10	10	40	50
		Lentil	10	15	15	10	40	50
		Fieldpea	5	10	15	10	35	40
		Total	480	265	95	85	445	925
3	ARS, Badnapur, VNM, Krishi Vidya Peeth Parbhani (Maharashtra)	Chickpea	192	90	20	20	130	322
		Mungbean	40	50	15	23	88	128
		pigeonpea	15	30	10	10	50	65
		Urdbean	8	10	27	25	62	70
		Total	255	180	72	78	330	585
4	ICAR-IIPR Regional Station, Bhopal (Madhya Pradesh)	Chickpea	80	40	20	20	80	160
		Mungbean	40	20	23	25	68	108
		Urdbean	20	20	28	28	76	96
		Pigeonpea	10	70	22	25	117	127
		Total	190	175	121	125	421	611
5	ARS, Berhampur, OUAT, Bhubaneswar (Odisha)	Chickpea	10	20	10	10	40	50
		Mungbean	50	50	20	15	85	135
		Urdbean	60	60	10	10	80	140
		Pigeonpea	15	10	15	10	35	50
		Total	135	140	55	45	240	375
6	ICAR-IIPR Kanpur (Uttar Pradesh)	Chickpea	150	40	25	25	90	240
		Mungbean	83.62	25	22	25	72	155.62
		Urdbean	18.56	20	28	27	75	93.56
		Pigeonpea	14	25	25	25	75	89
		Lentil	44.88	15	27	28	70	114.88
		Total	525.73	175	155	158	488	1013.73

S. No.	Name of Centre	Crop	Present status of breeder seed production	Additional quantity of breeder seed to be produced			Total Additional Breeder Seed	Total quantity to be produced 2018-19 onwards
				2016-17	2017-18	2018-19		
7	JNKVV Jabalpur (Madhya Pradesh)	Chickpea	1336.32	600	30	50	680	2016.32
		Mungbean	43.66	50	20	20	90	133.66
		Urdbean	48.7	50	15	15	80	128.7
		Pigeonpea	250	100	20	30	150	400
		Pea	165.35	100	15	25	140	305.35
		Lentil	51.31	50	20	15	85	136.31
		Total	1895.34	950	120	155	1225	3120.34
8	Acharya N.G. Ranga Agricultural University, Guntur. (A.P.)	Chickpea	200	100	20	15	135	335
		Mungbean	61	60	5	5	70	131
		Urdbean	143	70	10	7	87	230
		Pigeonpea	52	25	10	8	43	95
		Total	456	255	45	35	335	791
9	RVSKVV, Gwalior, M.P.	Chickpea	1528	500	15	25	540	2068
		Mungbean	230	100	15	22	137	367
		Urdbean	30	20	20	28	68	98
		Pigeonpea	25	25	20	25	70	95
		Lentil	13	20	25	27	72	85
		Total	1826	665	95	127	887	2713
10	UAS, Dharwad (Karnataka)	Chickpea	245	100	15	25	140	385
		Mungbean	12	20	15	25	60	72
		Urdbean	15	20	10	27	57	72
		Pigeonpea	10	40	15	20	75	85
		Total	282	180	55	97	332	614
11	MPKVV, Rahuri (Maharashtra)	Chickpea	689	250	20	22	292	981
		Mungbean	0.68	15	15	20	50	50.68
		Urdbean	2	10	15	25	50	52
		Total	691.68	275	50	67	392	981
12	RARI, Durgapura, Sri Karan Narendra Agriculture University, Jobner (Rajasthan)	Chickpea	406	150	20	25	195	601
		Mungbean	34	50	15	24	89	123
		Lentil	5	20	10	15	45	50
		Total	445	220	45	64	329	774
Grand Total			7560.75	3717	978	1106	5801	13361.75

b. ICAR

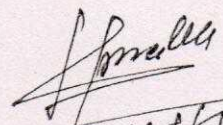
- Deputy Director General (CS). ICAR, Krishi Bhawan, New Delhi
- Deputy Director General (Agrl. Extn.), ICAR, Pusa, New Delhi
- Assistant Director General (O&P), ICAR, Krishi Bhawan, new Delhi
- Assistant Director General (Seed), ICAR, Krishi Bhawan, new Delhi
- Director, Indian Institutes Pulses Research, Kanpur
- In-charge, Region Station ICAR-IIPR, Bhopal, MP

c. States

- Principal Secretary (Agriculture)/Director of Agriculture, Government of Andhra Pradesh, Bihar, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Rajasthan and Uttar Pradesh,.

d. SAUs

- Vice Chancellor, ARS, Kota, Agricultural University, Kota, Rajasthan
- Vice Chancellor, BAU, Sabour, Bihar
- Vice Chancellor, ARS, Badnapur VNM, Krishi vidya peeth Prabhani Maharashtra
- Vice Chancellor ARS, Berhampur, OUAT, Bhubaneshwar, Odisha
- Vice Chancellor, JNKVV, Jabalpur, Madhya Pradesh
- Vice Chancellor, ARS, Lam, ANGRAU, Andhara Pradesh
- Vice Chancellor, RVSKVV, Gwalior, Madhya Pradesh
- Vice Chancellor, UAS, Dharwad, Karnataka
- Vice Chancellor, MPKV, Rahuri, Maharashtra
- Vice Chancellor, RARI, Durgapur, Sri Karan Narendra Agril. Univ. Jobner, Rajasthan


25/5/16