

## Oilseeds Seed Hub

### Creation of Seed-Hubs for Enhancing Quality Seeds Availability of Oilseed Crops

Oilseeds Division, NFSM, Department of Agriculture, Cooperation & Farmers Welfare,  
MoA, Govt of India

## Summary Report

**Period:** 2018-19 to 2019-20

**Nodal centres:**

- ICAR-Indian Institute of **Soybean** Research, Indore
- ICAR-Directorate of **Groundnut** Research, Junagadh
- ICAR-Directorate of **Rapeseed & Mustard** Research, Bharatpur
- ICAR – Indian Institute of Oilseeds Research, Hyderabad (**Sunflower, Safflower, Sesame, Niger, Castor and Linseed**)

**Coordinating centre:** ICAR-Indian Institute of Oilseeds Research, Hyderabad

#### Summary of physical and financial targets for implementation

Crop	Number of seed hubs	Physical target of quality seed production (q)			Total budget (Rs. in lakhs)
		2018-19	2019-20	Total	
Groundnut	9	7450	11100	18,550	1350
Soybean	7	7350	11500	18,850	1050
Rapeseed & Mustard	8	3800	6000	9,800	1200
Castor	1	2100	2000	4100	750
Sunflower	2	1200	1650	2850	
Sesame	1	800	1000	1800	
Safflower	2	800	1000	1800	
Linseed	3	1400	1400	2800	500
Niger	3	65	210	275	200
<b>Total</b>	<b>36</b>	<b>24965</b>	<b>35860</b>	<b>60,825</b>	<b>5050.00</b>
Coordinating unit (IIOR)					41.18
<b>Grand Total</b>	<b>36</b>	<b>24965</b>	<b>35860</b>	<b>60,825</b>	<b>5091.18</b>

**1<sup>st</sup> Instalment released by DAC & FW- Rs. 3321 Lakhs**

### Crop-wise and state-wise seed hubs

Crop	State	Seed hubs
Groundnut	Rajasthan	Jodhpur, AU Durgapura, SKNAU
	Tamil Nadu	ARS, Vridhachalam, TNAU
	Andhra Pradesh	RARS, Tirupati, ANGRAU
	Telangana	RARS, Palem, PJTSAU
	Gujarat	Junagadh, JAU
	Odisha	Bhubaneshwar, OUAT
	Karnataka	Dharwad, UAS, Bengaluru, UAS
Soybean	Chhattisgarh	KVK, Bemetra, IGKVV
	Maharashtra	Parbhani, VNMKVV
	Madhya Pradesh	BMCA, Khandwa, RVSKVV ICAR-IISR, Indore
	Rajasthan	MAF, Kota, AU
	Telangana	ARS, Adilabad, PJTSAU
	Karnataka	Raichur, UAS
Rapeseed - Mustard	Assam	KVK, Kamrup, AAU
	Haryana	RRS, Bawal, CCSHAU
	Madhya Pradesh	ZARS, Morina, RVSKVV
	Rajasthan	KVK, Kota, AU ARS, Sriganganagar, SKRAU
	UP	Jhansi, RLBCAU KVK, Mirzapur, BHU
	WB	DKVK, Ramkrishna Mission
Castor	Gujarat	S.K. Nagar, SDAU
	Tamil Nadu	Yethapur, TNAU
Sunflower	Telangana	ICAR-IIOR
	West Bengal	KVK, Nimpith
Safflower	Maharashtra	Solapur, MPKV Parbhani, VNMKV
	Telangana	ICAR-IIOR
Sesame	Rajasthan	ARS, Sumeerpur, AU
Niger	Madhya Pradesh	Chindwara, JNKVV
	Odisha	Semiliguda, OUAT
	Karnataka	Dharwad, UAS
Linseed	Madhya Pradesh	Sagar, JNKVV
	Bihar	Bikramganj, BAU
	Odisha	Keonjhar, OUAT
<b>Total</b>	<b>16 states</b>	<b>36 seed hubs</b>

### Chronology of Implementation

Administrative approval from DAC&FW, GoI	22-5-2018
Receipt of first instalment budget at IIOR	2-7-2018
Release of first instalment budget to seed hubs from IIOR	18-7-2018
Review workshop at IIOR, Hyderabad	7-1-2019
Release of second instalment budget to seed hubs from IIOR	12-3-2019
Annual Review workshop at IIOR, Hyderabad	July 19-20, 2019
Release of third instalment budget to seed hubs from IIOR after revalidation	30-11-2019

### Summary of Target and Production 2018-19 & 2019-20

Crop	Target (q) (2018-19 to 2019-20)	Target (q) (2018-19)	Production during 2018-19 (q)	Target for 2019-20 including shortage (q)	Expected production 2019-20 (q)
Soybean	18850	6350	3960 (62.4%)	14940	11889 (80%)
Groundnut	18850	7200	2524 (35.0%)	11600	9808 (84%)
Rapeseed & Mustard	9800	3850	3085 (80.1%)	6765	6350 (94%)
Castor	4100	2100	1840 (78.1%)	4340	3100 (71%)
Sunflower	2850	1200	147 (12.2%)	1900	1900 (100%)
Safflower	1800	600	735 (122.5%)	935	1355 (145%)
Sesame	1800	800	507 (63.4%)	1293	1800 (139%)
Linseed	2800	1400	1114 (79.6%)	2286	2400 (105%)
Niger	275	65	13 (20%)	250	255 (102%)
<b>Total</b>	<b>60825</b>	<b>23565</b>	<b>13925 (59.1%)</b>	<b>44309</b>	<b>38857 (88%)</b>

### Status of Budget Utilization 2018-19

Crop	Budget released (Rs. Lakhs)			Budget utilized (Rs. Lakhs)		
	Revolving	Infrastructure	Total	Revolving	Infrastructure	Total
Soybean (6)	390	350	740	345	350	695
Groundnut (7)	360	350	710	360	300	660
Rapeseed & Mustard (8)	500	400	900	460	400	860
Castor (4)	170.14	125	295.14	135.83	100.52	236.35
Sunflower (2)	40	0	40	0	0	0
Safflower (2)	55	50	105	75	50	125
Sesame (2)	50	75	125	100	75	175
Linseed (3)	100	150	250	115	150	265
Niger (3)	75	60	135	75	60	135
<b>Total (36)</b>	<b>1740.14</b>	<b>1560</b>	<b>3300.14</b>	<b>1665.83</b>	<b>1485.52</b>	<b>3151.35</b>

#### Summary:

Total allocation: (Rs.) : 5091.18 Lakhs  
 Released and utilized: (Rs.) : 3320.59 Lakhs  
 Balance to be released: (Rs.) : 1770.59 Lakhs

#### Constraints and suggestions

- **Shortage of foundation seed** in first year especially of new varieties to plan large scale production targets (*few new varieties have been identified and notification pending*)
- **Further time lag for parental lines production for hybrids** and season-boundness
- **Extreme weather conditions** (Drought for safflower in Maharashtra and cyclone 'Fani' in Odisha for niger and linseed)
- **Differential infrastructure requirement** as per the crop and need of the centre to avoid duplication and need for upgradation and process delays in finalising procurement/ construction.
- **Marketing of large targeted quantity of Seed** produced and revision of targets or cold storage provision. **Non-lifted stock especially in Mustard, Linseed and Castor**
- **Budget utilization need to extend beyond March 2020** as per the crop/s harvest (especially *rabi* crops) and quality/certification testing. The process at various stages of implementation. So also for infrastructure completion/installation.

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**Summary Report - Oilseeds Seed Hubs**

[Sunflower, Safflower, Sesame, Niger, Castor and Linseed]

**ICAR – Indian Institute of Oilseeds Research**

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