

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE & FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE & FARMERS WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO.3077**  
TO BE ANSWERED ON THE 22<sup>ND</sup> MARCH, 2022

**SHORTAGE OF QUALITY SEEDS**

3077. SHRI RAMCHARAN BOHRA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether there is shortage of quality seeds in the States including backward areas due to which agricultural production has remained stagnant;
- (b) if so, the reaction of the Government thereto;
- (c) the demand and availability of various crop seeds during each of the last three years and the current year, State-wise;
- (d) the details of the schemes being implemented to enhance the production/availability of quality seeds in the country; and
- (e) the funds allocated/released and utilized under the above schemes during each of the last three years and the current year?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): There is sufficient quantity of certified/quality seed available in the States. The availability of certified/quality seeds have significantly contributed in achieving record agriculture production in the country. The details of agricultural production of major crops is available at **Annexure-I**.

(c): As reported by the States, the details of demand and availability of certified/quality seeds of various crop State-wise for the last three years and current year is at **Annexure-II**.

(d): Government of India provides financial assistance to different States and Government Seed Producing Agencies for production and distribution of seeds and for

other interventions related to seed sector viz. Sub-Mission on Seeds and Planting Materials (SMSP), National Food Security Mission (NFSM), Rashtriya Krishi Vikas Yojana (RKVY), etc. The pattern of assistance for seed production, distribution and other seed related activities under the schemes of DA&FW is at **Annexure-III**.

(e): The details of funds released and utilized under Sub-Mission on Seeds and Planting Materials (SMSP) scheme during last three years and the current year is as under:

<b>Financial Year</b>	<b>Amount Released (in crores)</b>	<b>Amount Utilized (in crores)</b>
2018-19	338.42	286.63
2019-20	298.71	228.29
2020-21	262.44	171.98
2021-22	125.12	Utilization report is still awaited

The details of funds released and utilized under National Food Security Mission scheme during last three years and the current year is as under:

<b>Financial Year</b>	<b>Amount Released (in crores)</b>	<b>Amount Utilized (in crores)</b>
2018-19	1309.59	1214.17
2019-20	1269.49	1280.57
2020-21	1025.27	1076.30
2021-22*	515.42	553.77
*As on 15.03.2022		

The details of funds released and utilized under National Food Security Mission- Oilseeds & Oil palm (NFSM-OS&OP) scheme during last three years and the current year is as under:

<b>Financial Year</b>	<b>Amount Released (in crores)</b>	<b>Amount Utilized (in crores)</b>
2018-19	242.54	230.35
2019-20	213.70	217.52
2020-21	371.01	213.52
2021-22	129.65	-

**Annexure-I****(Quantity in Millions Tonnes)**

<b>Crop</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22 **</b>
RICE	112.76	116.48	118.87	124.37	127.93
WHEAT	99.87	103.60	107.86	109.59	111.32
COARSE CEREALS	46.97	43.06	47.75	51.32	49.86
PULSES	25.42	22.08	23.03	25.46	26.96
TOTAL FOOD GRAINS	285.01	285.21	297.50	310.74	316.06
OILSEEDS	31.46	31.52	33.22	35.95	37.15
COTTON*	328.05	280.42	360.65	352.48	340.63

\* In lakh bales

\*\* 2<sup>nd</sup> Advance Estimates

**Annexure-II**

<b>STATEWISE REQUIREMENT AND AVAILABILITY OF CERTIFIED/QUALITY SEED</b>								
<b>Qty. in Lakh Qtls.</b>								
<b>STATE</b>	<b>2018-19</b>		<b>2019-20</b>		<b>2020-21</b>		<b>2021-22</b>	
	<b>R</b>	<b>A</b>	<b>R</b>	<b>A</b>	<b>R</b>	<b>A</b>	<b>R</b>	<b>A</b>
ANDHRA PRADESH	24.56	34.32	24.26	31.88	25.21	30.85	23.28	29.85
ARUNACHAL PRADESH	0.18	0.18	0.21	0.21	0.21	0.21	0.13	0.19
ASSAM	4.77	4.77	3.42	3.42	4.43	4.43	3.78	4.24
BIHAR	14.06	16.77	13.67	17.46	15.12	16.10	15.53	18.40
CHHATTISGARH	10.48	12.32	10.93	12.07	11.94	12.28	12.44	12.52
GOA	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06
GUJARAT	15.29	17.59	53.11	55.90	53.35	57.24	64.14	66.30
HARYANA	16.36	22.73	17.31	27.15	18.86	34.80	18.93	24.87
HIMACHAL PRADESH	1.29	1.29	0.80	0.80	0.85	0.28	1.16	0.95
JAMMU & KASHMIR	2.10	2.11	1.72	1.73	1.27	1.27	1.09	1.10
JHARKAND	5.26	9.38	5.67	2.15	6.05	2.05	5.46	5.46
KARNATAKA	15.59	18.74	15.25	20.29	15.49	19.18	14.43	16.98
KERALA	0.95	1.02	1.07	1.07	0.97	0.97	1.14	1.14
MADHYA PRADESH	44.15	42.89	42.14	43.98	41.10	39.55	49.76	49.45
MAHARASHTRA	25.62	26.08	24.96	25.82	25.87	24.80	27.66	27.51
MANIPUR	0.24	0.24	0.24	0.24	0.26	0.26	0.26	0.26
MEGHALAYA	0.22	0.22	0.23	0.23	0.49	0.30	1.68	1.68
MIZORAM	0.05	0.02	0.05	0.04	0.05	0.01	0.01	0.01
NAGALAND	1.25	0.35	0.96	0.69	0.96	0.27	0.51	0.13
ODISHA	6.35	6.04	6.48	7.84	6.52	6.48	6.40	6.42
PUDUCHERRY	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08
PUNJAB	12.56	17.81	13.33	18.45	43.07	50.93	47.15	50.48
RAJASTHAN	23.21	27.49	23.66	27.47	24.23	29.36	24.22	28.18
SIKKIM	0.13	0.09	0.03	0.07	0.05	0.02	0.03	0.01
TAMILNADU	8.29	8.43	7.50	8.27	8.18	9.09	8.65	10.03
TELANGANA	14.62	19.37	13.21	15.76	29.79	32.46	32.45	36.69
TRIPURA	0.40	0.46	0.32	0.44	0.35	0.39	0.28	0.31
UTTAR PRADESH	59.35	59.32	61.05	61.23	60.76	60.94	60.86	61.14
UTTARKHAND	0.88	2.56	0.99	1.08	1.00	2.24	1.51	1.72
WEST BENGAL	45.19	46.16	44.61	45.15	46.61	46.78	42.31	42.65
<b>TOTAL :</b>	<b>353.54</b>	<b>398.88</b>	<b>387.31</b>	<b>431.01</b>	<b>443.16</b>	<b>483.66</b>	<b>465.36</b>	<b>498.83</b>
<b>R: Requirement A: Availability</b>								

**DETAILS OF ASSISTANCE/SUBSIDY AVAILABLE FOR SEED PRODUCTION AND DISTRIBUTION UNDER SCHEMES/PROGRAMMES OF DA&FW, MOA&FW, GOI**

S. No.	Scheme/ Component	Crop	Scale of Assistance
1.	Sub-Mission on Seeds & Planting Material (SMSP)	Seed Village Programme (60% GOI and 40% State Share)	<p>a) <b>Distribution of Seeds:</b> To upgrade the quality of farmer saved seed financial assistance for distribution of foundation / certified seeds @ 50% cost of the seeds for Cereals crops and 60% for oilseeds, pulses, green manure and fodder crops is provided for 1 acre of area per farmer for production of quality seeds.</p> <p>b) <b>Farmers Training:</b> Assistance to train the farmers on seed production and seed technology @ Rs.15000/- for a group of 50-150 farmers.</p> <p>c) <b>Seed Treating/Dressing Drums:</b> Financial assistance for treating seeds @ Rs.3500 per seed treating drum of 20Kg capacity and Rs. 5000 per drum of 40Kg capacity.</p> <p>d) <b>Storage Bins:</b> To encourage farmers to develop storage capacity of appropriate quality, financial assistance is provided to farmers for purchasing Seed Storage bins. The rate of assistance is as under.</p> <ul style="list-style-type: none"> <li>• @33% for SC/ST farmers for 10 qtls. capacity Rs.1500</li> <li>• @33% for SC/ST farmers for 20 qtls. capacity Rs.3000</li> <li>• @25% for General farmers for 10 qtls. capacity Rs.1000</li> <li>• @25% for General farmers for 20 qtls. capacity Rs.2000</li> </ul>
		Certified Seed Production through Seed Village (60% GOI and 40% State Share)	<p>a) <b>Distribution of Seeds:</b> Financial assistance for distribution of foundation seeds @ 75% cost of the seeds of oilseeds, pulses, green manure and fodder crops is provided to the farmers.</p> <p>b) <b>Farmers Training:</b> Assistance to train the farmers on seed production and seed technology @ Rs.15000/- for a group of 50-150 farmers.</p> <p>c) <b>Certification Charge:</b> 50% Seed Certification charges maximum of Rs.600/ha or actual whichever is less for certification of seeds produced under the programme.</p> <p>d) <b>Seed Processing and Seed Storage Godowns:</b> Assistance is provided to establish seed processing and prefabricated or other type of seed storage godowns 150 sqm. @ Rs.10000 per sqm. to process and store 200 MT capacity for each seed village.</p> <p>e) Financial assistance of Rs.7.56 lakh is available for seed processing machinery and supporting equipment etc.</p>
2.	National Food Security Mission(NFSM)-Oil Seeds	Oilseeds (60% GOI and 40% State Share, 90:10 for Hill& NE Region)	<p>a) NFSM-OS will support purchase of breeder seed from ICAR/SAUs by the central Agencies @ 100% cost fixed by Seed Division.</p> <p>b) For production of foundation seeds/certified seeds, Rs. 2500/quintal for all varieties/hybrids released during last 10 years and Additional assistance of Rs.100/qtl on the varieties/hybrids released in last 5 years. 75% of subsidy amount is</p>

			<p>meant for farmers and 25% for seed producing agencies for meeting expenditures towards certification &amp; production etc. (60:40/90:10)</p> <p>c) For distribution of certified seeds, 50% of the cost limited to Rs.4000/quintal for varieties/composites of all oilseeds except sesame which are not older than 15 years. (60:40/90:10). For Hybrids, Assistance for distribution of certified hybrids seeds @ 50% of the cost with a ceiling of Rs.8000/qtls of hybrids and sesame varieties, which are not older than 15 years.</p> <p>d) For distribution of Minikit, Allocation will be made @ 1 minikit for every 25 ha area each crop @ 100% cost reimbursement.</p>
3..	National Food Security Mission(NFSM)	Rice	<p>e) Rs.10000/- per quintal or 50% of seeds cost whichever is less for certified hybrid rice seed distribution.</p> <p>f) Rs.20/- per kg. or 50% of the cost, whichever is less for high yielding varieties certified seed distribution for less than 10 years old varieties.</p> <p>g) Rs.10/- per kg. or 50% of the cost, whichever is less for high yielding varieties certified seed distribution for more than 10 years old varieties limited to 20% of portal seed distribution target.</p>
		Wheat	<p>a) Rs.20/- per kg. or 50% of the cost, whichever is less for certified seed distribution for less than 10 years old varieties.</p> <p>b) Rs.10/- per kg. or 50% of the cost, whichever is less for high yielding varieties certified seed distribution for more than 10 years old varieties limited to 20% of portal seed distribution target.</p>
		Pulses (Assistance for Production & Distribution of Pulses Seed)	<p>a) Rs.5000/- per quintal or 50% of cost whichever is less for seeds distribution for less than 10 years old varieties.</p> <p>b) Rs.2500/- per quintal or 50% of cost whichever is less for certified seeds distribution for more than 10 years old varieties limited to 20% total seed distribution target.</p> <p>c) Rs.5000/- per quintal of certified seed production of pulses within 10 years old varieties.</p>
		Coarse Cereals (HYVs seed)	<p>a) HYVs Rs.3000/- per quintal or 50% of cost whichever is less for HYVs certified seeds distribution for less than 10 years old varieties</p> <p>b) HYVs Rs.1500/- per quintal or 50% of cost whichever is less for HYVs certified seeds distribution for more than 10 years old varieties.</p>
		Seed Production of Nutri-Cereals (Jowar, Bajra, Ragi and other Small Millets).	<p>a) Rs 3000/- per quintal for certified seed production of HYVs of nutri-cereals within 10 years old varieties.</p> <p>b) Rs 10,000/- per quintal for hybrid seed production of nutri-cereals within 10 years old varieties.</p>
		Hybrid Seed (Maize, Jowar & Bajra)	<p>a) Rs. 10,000/- per quintal or 50% of cost of seeds whichever is less for hybrid coarse cereal- Jowar &amp; Bajra certified seeds distribution for less than 10 years old varieties.</p>

		Commercial Crops (Jute based cropping system)  Seed Village Programme and Production of seed in Govt. Farms	<b>Seed production</b> a) Production of breeder seed @Rs.20000/qtl. b) Production of certified Seeds 50% of the cost limited to Rs.120/- per kg for foundation seed production. c) Rs.50/- per kg for certified seed production. d) Rs.5500/qtl. for certified seed produced by State Department of Agriculture, State Agricultural Universities, KVKs, SSCs, NSC and SSCA.
		Commercial Crop (Sugarcane)	a) Assistance for breeder seed production @ Rs.40000/ha. (Rs.34000 for inputs and Rs.6000 for contingency) to SAUs, ICAR and Sugarcane Research Institute (SRI) for production of tissue culture raised plantlets/seedlings @ Rs.3.5 per seedling.
4.	Rashtriya Krishi Vikas Yojna (RKVY)	All Crops	All activities including Seed Infrastructure

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