

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

LOK SABHA
STARRED QUESTION NO.174
TO BE ANSWERED ON 01ST AUGUST, 2023

DEMAND AND SUPPLY OF QUALITY SEEDS

*174. SHRIMATI MANJULATA MANDAL:
SHRI DHANUSH M. KUMAR:

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

- (a) the estimated demand and supply of seeds in the country including Odisha and Tamil Nadu;
- (b) whether the farmers face a lot of difficulties in procuring quality seeds;
- (c) if so, whether the Government has taken steps to make available quality seeds to farmers under various schemes like National Food Security Mission and if so, the details thereof;
- (d) whether any financial assistance is provided for seed related activities for the welfare of farmers;
- (e) if so, the amount disbursed under various seed related schemes during the last three years, State-wise along with the number of farmers benefitted therefrom;
- (f) whether the Government has utilised the services of Non-Governmental Organisations to provide seeds to farmers and if so, the details of such organisations; and
- (g) the other steps taken by the Government to make new improved varieties of seeds available to the farmers for cultivation at the earliest?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (g): A statement is laid on the Table of the House.

STATEMENT IN RESPECT OF PARTS (a) TO (g) OF THE LOK SABHA STARRED QUESTION NO. 174 FOR 01ST AUGUST, 2023 REGARDING DEMAND AND SUPPLY OF QUALITY SEEDS.

(a) to (c): As reported by the States, the details of the requirement and the availability of certified/quality seed in the country (including Odisha and Tamil Nadu) for the last three years areas under:

(Quantity in Lakh Quintals)

Year	Requirement	Availability	Surplus
2020-21	443.16	483.66	40.50
2021-22	465.36	498.83	33.47
2022-23	464.14	514.26	50.12

The following steps are being taken up by DA&FW, MoA&FW to ensure availability of quality seed to the farmers:-

- (i) As a routine process, DA&FW requests all State Governments to prepare a Seed Rolling Plan three years in advance to estimate the requirement of seed in their state and distribute seed production targets accordingly to different seed production agencies. This system ensures timely availability of required quantity of seed to the farmers in various states.
- (ii) DA&FW also ensures that the State governments place their breeder seed indent of agriculture and horticulture crops one year in advance for systematic breeder seed production of indented quantities. After production, the breeder seed is allotted to State Governments and other agencies for further multiplication into foundation and thereafter to certified seed and for its distribution to the farmers.
- (iii) Under the scheme National Seed Reserve, assistance is provided to various states for creating Seed Reserve every year having short/medium duration and stress tolerant varieties seeds for unforeseen climatic conditions.
- (iv) Fixation of uniform breeder seed price is ensured in consultation with ICAR for optimization of seed production cost in respect of foundation and certified seed.

(v) Government has launched the first phase of SATHI Portal for Seed Authentication, Traceability & Holistic Inventory, to bring monitoring, efficiency and transparency in the seed chain.

In view of the surplus availability of certified/quality seeds and steps taken by the Ministry, no difficulty in procurement of quality seeds is reported.

(d) & (e): Yes, Sir. Government of India provides financial assistance to various 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 scheme wise details of last three years are placed at **Annexure-I**.

(f): Breeder seed is provided to organizations such as National Seeds Association of India (NSAI), Indian Farmers Fertilizer Cooperative (IFFCO), Krishak Bharati Cooperative Limited (KRIBHCO), National Seeds Corporation (NSC), National Fertilizer Limited (NFL), Hindustan Insecticide Limited (HIL), Cooperatives, Krishi Vigyan Kendras (KVKs), and Farmers Producing Organizations (FPOs). These organizations further produce foundation and certified/quality seeds and make it available to the farmers.

(g): National Agricultural Research System (NARS) under the aegis of ICAR is working on more than 80 crops for development of high yielding, bio-fortified and climate resilient varieties. A total of 2279 varieties (in cereals 1093, oilseeds 343, pulses 343, sugarcane 68, forage 136, fibre 279 and millets 17) have been released during the last 9 years (2014-2023). Furthermore, varieties of different field and horticultural crops have been developed under the All India Coordinated Research Projects (AICRP). Once the variety is released and notified, various Seed Producing Agencies like Department of Agriculture of States, National Seed Corporation, State Seed Corporations etc. place their breeder seed indent of these varieties, which is further multiplied into foundation and certified seeds and get incorporated in seed chain for cultivation.

Annexure-I

Amount released and Farmers benefitted under Seed Village Programme of SMSP

S. No.	Name of State	2020-21		2021-22		2022-23	
		Released (Rs.in crores)	Farmers Benefitted (numbers)	Released (Rs.in crores)	Farmers Benefitted (numbers)	Released (Rs.in crores)	Farmers Benefitted (numbers)
1.	Andhra Pradesh	3.10	30,600	-	17,625	-	-
2.	Arunachal Pradesh	1.13	-	-	32,000	0.77	-
3.	Assam	14.87	10,78,675	-	4,02,084	-	-
4.	Bihar	5.41	-	-	83,015	1.57	-
5.	Central Agency	5.11	74,598	0.38	43,461	14.26	2,34,502
6.	Chhattisgarh	3.40	78,369	3.88	1,98,851	5.93	1,82,267
7.	Gujarat	1.56	15,984	-	-	-	-
8.	Himachal Pradesh	6.46	2,26,665	3.79	1,26,541	10.15	1,62,500
9.	Jammu & Kashmir	8.42	2,31,846	-	1,63,153	5.44	-
10.	Karnataka	0.36	7,241	-	3,887	-	-
11.	Madhya Pradesh	19.34	6,72,275	6.58	4,45,400	20.22	1,83,874
12.	Maharashtra	11.26	1,25,798	-	3,93,781	19.36	5,98,806
13.	Meghalaya	0.44	35,000	-	-	-	-
14.	Mizoram	0.04	-	-	385	-	-
15.	Nagaland	1.31	10,100	-	-	-	-
16.	Puducherry	-	101	-	-	-	-
17.	Rajasthan	2.56	1,39,438	1.32	2,16,634	9.75	2,25,845
18.	Sikkim	0.04	-	-	715	-	-
19.	Tamilnadu	17.77	6,85,753	13.03	7,42,747	23.01	7,55,664
20.	Telangana	4.28	20,225	-	-	-	-
21.	Uttar Pradesh	15.87	1,14,416	0.15	1,79,994	-	1,89,030
22.	Uttarakhand	5.56	1,01,957	1.58	1,14,752	2.59	95,079
Grand Total		128.30	36,49,041	30.72	31,65,025	113.07	26,27,567

Amount released under National Food Security Mission (in crores)

S. No.	Name of the State	2020-21	2021-22	2022-23
1.	Andhra Pradesh	38.75	10.08	-
2.	Arunachal Pradesh	8.56	1.73	1.38
3.	Assam	156.14	15.83	79.78
4.	Bihar	14.06	6.29	8.62
5.	Chhattisgarh	53.40	2.54	39.42
6.	Gujarat	16.96	4.75	19.20
7.	Haryana	3.40	3.37	5.68
8.	Himachal Pradesh	11.20	5.81	2.99
9.	UT of J & K	3.78	1.90	1.38
10.	Jharkhand	12.64	3.14	-
11.	Karnataka	93.12	82.34	102.67
12.	Kerala	-	0.16	0.10
13.	UT of Ladakh	0.20	-	-
14.	Madhya Pradesh	14.14	169.56	45.71
15.	Maharashtra	128.56	44.68	70.69
16.	Manipur	6.54	2.19	-
17.	Meghalaya	4.74	0.25	0.93
18.	Mizoram	1.44	0.61	-
19.	Nagaland	17.00	3.39	5.01
20.	Odisha	72.84	30.37	13.24
21.	Punjab	0.28	-	-
22.	Rajasthan	140.25	89.50	97.26
23.	Sikkim	5.71	1.24	2.13
24.	Tamil Nadu	34.10	26.50	48.69
25.	Telangana	7.10	-	-
26.	Tripura	6.02	3.20	1.49
27.	Uttar Pradesh	100.13	52.73	55.77
28.	Uttarakhand	10.36	4.98	8.90
29.	West Bengal	63.87	42.83	41.56
	Total	1025.27	1,025.27	609.95

Approved Seed Projects cost under RKVY (in crores)

S. No.	State	2020-21	2021-22	2022-23
1	Andhra Pradesh	22.15	-	-
2	Bihar	-	4.31	-
3	Chhattisgarh	8.73	-	-
4	Gujarat	81.48	40.60	-
5	Haryana	54.70	30.00	28.00
6	Karnataka	15.84	4.19	-
7	Kerala	-	1.55	3.95
8	Madhya Pradesh	35.40	52.87	23.63
9	Maharashtra	-	1.81	-
10	Manipur	0.08	-	-
11	Orissa	12.26	-	3.82
12	Punjab	18.55	-	-
13	Rajasthan	1.00	-	27.39
14	Tamil Nadu	3.06	0.30	13.60
15	Telangana	31.85	-	-
16	Uttar Pradesh	33.99	-	-
17	West Bengal	23.77	50.43	29.57
	Total	342.86	186.06	129.96
