

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

RAJYA SABHA
UNSTARRED QUESTION NO. 1471
TO BE ANSWERED ON 31/07/2026

**SEED SECURITY AND IMPACT OF ADVERSE WEATHER ON SEED
PRODUCTION**

1471. SMT. RENUKA CHOWDHURY:

Will the Minister of Agriculture and Farmers Welfare be pleased to state:

- (a) the current demand and availability of certified and quality seeds in the country, crop-wise and State-wise;
- (b) the quantity of seeds available with Government agencies, seed corporations, seed banks and private seed producers, crop-wise and State-wise;
- (c) whether Government has assessed the impact of deficient rainfall, El Niño conditions and other adverse weather events on seed production during the current and previous agricultural seasons, if so, the details thereof; and
- (d) the estimated crop loss and seed production loss reported due to such climatic conditions, crop-wise and State-wise and the compensation mechanism available for seed growers in the last five years, State-wise?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

(SHRI RAM NATH THAKUR)

- (a): As reported by the States, the demand and availability of certified and quality seeds in the country, State-wise and crop-wise during the current Kharif-2026 season is at Annexure – IA and IB respectively. As reported, 193.24 lakh qtls. certified and quality seeds are available against the requirement of 173.26 lakh qtls. during the current Kharif, 2026 season across the country.
- (b): The quantity of certified and quality seeds available with the with Government agencies, seed corporations, seed banks and private seed producers, crop-wise and State-wise for the current Kharif-2026 is at Annexure-II & III.

(c): DA&FW has issued advisory to the States and UTs administrations for seed planning and preparedness to address concerns related to drought forecast due to projected El-Nino event to support pre-season planning for district level crop and variety selection, state level seed reserve of early maturing, short duration varieties under the National Seed Reserve framework during the Kharif, 2026 Season.

Besides, States are also continuously monitoring weather conditions and their possible impact on crop production including seed crops through State Agriculture Department, State Seed Certification Agency, Seed producing agencies, ICAR Institutes, India Meteorological Department (IMD) advisories, and District-level field reports. No specific report has been received for loss of seed production caused by climatic events including deficient rainfall or El-Nino Condition.

(d): The State-wise affected area of crop loss which also include loss of seed crops for the last five years is at Annexure-IV. The Government provides support to farmers in the event of crop loss through multiple interventions. Under the Pradhan Mantri Fasal Bima Yojana (PMFBY) and the Restructured Weather Based Crop Insurance Scheme (RWBCIS), farmers are provided insurance coverage against crop losses due to natural calamities, pests and diseases, as well as prevented sowing, localized calamities and post-harvest losses for notified crops.

Further, in cases of notified natural calamities resulting in significant crop loss, assistance is provided to eligible farmers from the State Disaster Response Fund (SDRF) and the National Disaster Response Fund (NDRF) in accordance with the approved norms.

In addition, as per the Reserve Bank of India (RBI) guidelines on relief measures in areas affected by natural calamities, banks may provide relief such as restructuring/rescheduling of crop loans and Kisan Credit Card (KCC) limits, moratorium on repayment and sanction of fresh crop loans to eligible affected farmers.

Annexure-IA

State wise Requirement and Availability of certified/quality seeds for Kharif-2026		
Quantity in Qtls.		
States/UTs	Requirement	Availability
Andhra Pradesh	1106039.97	1176761.8
Arunachal Pradesh	21167	21167
Assam	356221.05	468849.66
Bihar	579617	594812.61
Chhattisgarh	832480	841315
Goa	3840	3840
Gujarat	1498010	1719887.5
Haryana	109060	211076.97
Himachal Pradesh	21150	21150
Jammu & Kashmir	51821.2	51821.2
Jharkhand	391629	391629
Karnataka	905348	1151529.92
Kerala	21253.7	21253.7
Madhya Pradesh	2392450.06	2611081
Maharashtra	2007067	2681893
Manipur	29295	1519.62
Meghalaya	17279.48	17279.48
Mizoram	857.34	858.34
Nagaland	6718	6350.5
Odisha	231200	243964
Puducherry	1430	1430
Punjab	251017.02	263968.58
Rajasthan	1253820	1449873.06
Sikkim	473.9	473.9
Tamil Nadu	720877.8	722095
Telangana	2003906.3	2082577.46
Tripura	15890.35	15890.35
Uttar Pradesh	1620208	1635096.69
Uttarakhand	33595	54736.46
West Bengal	842084	860208.65
Grand Total	17325806.17	19324390.45

Annexure-IB

Crop wise Requirement and Availability of certified/quality seeds for Kharif-2026		
Quantity in Qtls.		
Crops	Requirement	Availability
Paddy	8704217.34	9219492.74
Maize	1228471.14	1385751.94
Pearl Millet	215207.70	263972.68
Sorghum	89723.80	100415.90
Finger Millet	54019.40	89310.23
Banyard Millet	2871.66	2652.78
Brown Top Millet	18.00	67.00
Common Millet	51.00	75.00
Grain Amaranthus	40.00	26.00
Italian Millet	1415.90	3257.52
Kodo Millet	6294.81	11505.70
Little Millet	3755.01	4723.60
Black Gram	201718.52	267616.27
Green Gram	260347.74	322298.66
Pigeon Pea	358323.61	442644.21
Cowpea (Pulses)	13564.00	14704.05
Guar	90850.00	106056.90
Horse Gram	3497.90	3410.00
Indian Bean	487.00	563.00
Moth Bean	24000.00	31885.00
Rajma (Pulses)	1050.00	1050.00
Peas	310.00	310.00
Groundnut	2111639.01	2357216.06
Soybean	3577189.00	4255150.73
Castor	52891.00	66456.20
Linseed	1250.00	1525.00
Niger	4816.00	5602.00
Safflower	4.80	575.00
Sesame	20892.72	26796.17
Sunflower	10552.80	15470.10
Cotton	218082.27	250497.67
Tossa Jute	29465.33	32302.08
HS Mesta	100.00	100.00
Sunnhemp	3105.00	3110.00
Dhaincha	15143.00	15413.00
Sorghum (Fodder)	1922.40	1926.90
Maize (Fodder)	18000.00	19200.00
Bajra (Fodder)	513.75	1255.80
Potato	4.56	4.56
Grand Total	17325806.17	19324390.45

State wise Requirement and Availability with share of Public and Private sector for Kharif-2026 season									
Quantity in Quintals									
States/UTs	Requirement	Availability							
		SSC	SAU	DOA	NSC	Seed Hubs	Private	Others	Total
Andhra Pradesh	1106039.97	411019	1278	72442	69105	0	622917.8	0	1176761.8
Arunachal Pradesh	21167	655	150	5897	4930	0	9535	0	21167
Assam	356221.05	132175.4	15456.48	0	7878.49	0	313339.29	0	468849.66
Bihar	579617	7342.61	0	0	2700	0	552950	31820	594812.61
Chhattisgarh	832480	475005	264125	0	46275	0	54780	1130	841315
Goa	3840	120	0	0	3600	0	0	120	3840
Gujarat	1498010	127762	6309	0	76189	0	1429733.5	79894	1719887.5
Haryana	109060	2918.23	0	0	9139.75	0	197996.02	1022.97	211076.97
Himachal Pradesh	21150	0	0	6450	0	0	14700	0	21150
Jammu & Kashmir	51821.2	0	2599.5	45065.6	930.1	0	3226	0	51821.2
Jharkhand	391629	200	8000	0	299051	0	84378	0	391629
Karnataka	905348	135427.42	30449.5	0	114791	0	811362	59500	1151529.92
Kerala	21253.7	11455.4	2032.37	607.93	3628.28	0	0	3529.72	21253.7
Madhya Pradesh	2392450.06	38589	0	5325	101120	0	2190790	275257	2611081
Maharashtra	2007067	284906	2796	0	27779	0	2366412	0	2681893
Manipur	29295	0	0	0	0	0	0	1519.62	1519.62
Meghalaya	17279.48	0	1056	0	8883.48	0	7340	0	17279.48
Mizoram	857.34	0	0	0	0	0	0	858.34	858.34
Nagaland	6718	0	0	0	6350.5	0	0	0	6350.5
Odisha	231200	200074.2	0	10089.8	33800	0	0	0	243964
Puducherry	1430	60	477.7	145.2	0	0	390.5	356.6	1430
Punjab	251017.02	645	17367.18	64.08	6300	35	239120.3	437.02	263968.58
Rajasthan	1253820	194481.1	0	0	60970	0	961440.32	232981.64	1449873.06
Sikkim	473.9	0	0	0	0	0	433.9	40	473.9
Tamil Nadu	720877.8	0	2925.7	266089.9	0	0	453079.4	0	722095
Telangana	2003906.3	115582.26	16480	0	55658	0	1766275.2	128582	2082577.46
Tripura	15890.35	0	0	11075	4579.85	0	235.5	0	15890.35
Uttar Pradesh	1620208	34119.24	14309.8	64521.92	142829.2	196	1121883.34	257237.19	1635096.69
Uttarakhand	33595	9958	0	31.46	23980	0	20767	0	54736.46
West Bengal	842084	25023.09	2472	13367.8	12570	0	692361.21	114414.55	860208.65
Grand Total	17325806.17	2207517.95	388284.23	501172.69	1123037.65	231	13915446.28	1188700.65	19324390.45

Crop wise Requirement and Availability with share of Public and Private sector for Kharif-2026 season									
Quantity in Quintals									
Crop	Requirement	Availability							
		SSC	SAU	DOA	NSC	Seed Hubs	Private	Others	Total
Paddy	8704217.34	1228862.24	350809.88	390876.09	417872.42	227	6382009.76	448835.35	9219492.74
Maize	1228471.14	41767	2906.5	25159	61649.2	0	1213776.8	40493.44	1385751.94
Sorghum	89723.8	23224	0	6210.3	10581	0	53161.6	7239	100415.9
Pearl Millet	215207.7	16195	4	2764.24	7230	0	76962.44	160817	263972.68
Finger Millet	54019.4	23086	4646	4438.43	32605.4	0	18649.4	5885	89310.23
Banyard Millet	2871.66	910	76	426.12	611.66	0	629	0	2652.78
Brown Top Millet	18	0	12	0	0	0	55	0	67
Common Millet	51	0	20	0	0	0	55	0	75
Grain Amaranthus	40	26	0	0	0	0	0	0	26
Italian Millet	1415.9	616.62	583.5	96.6	1065	0	895.8	0	3257.52
Kodo Millet	6294.81	3830.2	26	514.78	575	0	3589.72	2970	11505.7
Little Millet	3755.01	710	51	788.6	625	0	885	1664	4723.6
Black Gram	201718.52	35218.52	3743.35	5867.87	63796.47	4	119281.08	39704.98	267616.27
Green Gram	260347.74	82297.72	4047.8	1310.48	24223.4	0	183741.26	26678	322298.66
Pigeon Pea	358323.61	63453.09	11128	9141.92	85751.5	0	217446.7	55723	442644.21
Cowpea (Pulses)	13564	56	335.5	1406.6	2100	0	10805.95	0	14704.05
Guar (Cluster Bean)	90850	1393.46	0	0	5600	0	93121.86	5941.58	106056.9
Horse Gram	3497.9	15	55	41	2400	0	899	0	3410
Indian Bean	487	0	71	0	0	0	410	82	563
Moth Bean	24000	13039	0	0	0	0	18846	0	31885
Peas	310	0	0	50	55	0	205	0	310
Rajma (Pulses)	1050	0	0	270	330	0	450	0	1050
Groundnut	2111639.01	372862.25	3098.2	44593.15	240623	0	1449625.28	246414.18	2357216.06
Soybean	3577189	282410.05	4334	4032.8	120621.7	0	3707792.06	135960.12	4255150.73
Castor	52891	6227	825	17.2	200	0	56858	2329	66456.2
Linseed	1250	0	0	0	0	0	1525	0	1525
Niger	4816	799.8	94	65.2	1105	0	3244	294	5602
Safflower	4.8	575	0	0	0	0	0	0	575
Sesame	20892.72	7344	226.5	493.45	4930.52	0	13566.7	235	26796.17
Sunflower	10552.8	0	61	5	0	0	15374.1	30	15470.1
Bajra (Fodder)	513.75	0	10	0	1245.8	0	0	0	1255.8
Cotton	218082.27	265	63	399.9	0	0	242569.77	7200	250497.67
Tossa Jute	29465.33	2330	0	50	957.08	0	28865	100	32302.08
Dhaincha	15143	0	0	270	15143	0	0	0	15413
HS Mesta	100	0	0	0	100	0	0	0	100
Sunnhemp	3105	5	0	0	3000	0	0	105	3110
Maize (Fodder)	18000	0	1050	0	18000	0	150	0	19200
Sorghum (Fodder)	1922.4	0	7	1879.4	40.5	0	0	0	1926.9
Potato	4.56	0	0	4.56	0	0	0	0	4.56
Grand Total	17325806.17	2207517.95	388284.23	501172.69	1123037.65	231	13915446.28	1188700.65	19324390.45

Annexure-IV

Crop Area (in lakh hectare) affected due to adverse weather conditions (As reported by States/UTs)						
S. No.	States/UTs	2021-22	2022-23	2023-24	2024-25	2025-26 [^]
1	Andhra Pradesh	2.38	0.07	1.30	0.11	1.50621
2	Arunachal Pradesh	0.02	0.001	0.00	0.00	0.01734
3	Assam	0.10	1.15	0.59	1.38	0.40595
4	Bihar	7.06	0.37	0.00	0.00	0.00
5	Chhattisgarh	0.00	0.005	0.00	0.00	0.00603
6	Goa	0.001	0.00	0.00	0.00	0.00
7	Gujarat	1.49	0.83	1.33	0.00	0.00
8	Haryana	0.00	0.00	2.16	0.00	4.31789
9	Himachal Pradesh	0.06	0.08	0.76	0.00	0.32427
10	Jharkhand	0.00	0.00	0.00	0.00	0.00171
11	Karnataka	11.35	9.95	0.30	2.86	14.79495
12	Kerala	0.85	0.00	0.00	0.00	0.00
13	Madhya Pradesh	1.06	0.00	0.00	0.00	0.00
14	Maharashtra	2.41	0.00	0.00	0.00	75.42
15	Manipur	0.00	0.00	0.00	0.01	0.03863
16	Meghalaya	0.00	0.12	0.00	0.01	0.064764
17	Mizoram	0.00	0.00	0.00	0.21	0.00
18	Nagaland	0.17	0.00	0.00	0.03	0.007205
19	Odisha	1.82	1.36	0.16	0.22	0.29506
20	Punjab	0.04	0.83	1.66	0.00	1.9267
21	Rajasthan	6.47	0.00	0.00	0.00	0.00
22	Sikkim	0.02	0.002	0.00	0.00	0.81125
23	Tamil Nadu	0.83	1.53	0.36	2.92	0.29223
24	Telangana	0.00	0.00	0.61	0.00	0.00
25	Tripura	0.00	0.00	0.00	0.00	0.00
26	Uttar Pradesh	3.61	2.13	0.00	3.95	2.22071
27	Uttarakhand	0.54	0.00	0.09	0.05	0.00726
28	West Bengal	3.48	0.00	0.00	1.38	0.00
29	Andaman &	0.00	0.00	0.00	0.00	0.00
30	Chandigarh	0.00	0.00	0.00	0.00	0.00
31	Dadra & Nagar	0.00005	0.00	0.00	0.00	0.00
32	Delhi	0.00	0.00	0.00	0.00	0.00
33	J&K	0.00	0.00	0.00	0.00	0.77915
34	Ladakh	0.00	0.00	0.00	0.02	0.00
35	Lakshadweep	0.00	0.00	0.00	0.00	0.00
36	Puducherry	0.04	0.00	0.07	0.05	0.00104
Total		43.80105	18.428	9.39	13.2	103.2383

^As on 09.03.2026.
