

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

RAJYA SABHA
UNSTARRED QUESTION NO-189
ANSWERED ON 21/07/2023

CULTIVATION OF DESI COTTON VARIETIES

189. SHRI ANEEL PRASAD HEGDE:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) the extent of cultivation of desi cotton varieties or Indian cotton species in the country, during the last five years along with their names, State-wise;
- (b) the new varieties of desi cotton that have been released by the agricultural research system in the country during the last five years; and
- (c) whether the Ministry has plan to reintroduce desi cotton, given that it provides greater resistance to biotic and abiotic stresses, and whether there are any incentives being given to farmers for producing desi cotton?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NARENDRA SINGH TOMAR)

- (a): All cultivable species including desi cotton are cultivated in India. The details of state-wise area under cotton including desi cotton during last five years are given below:

(Area in lakh ha)

State	2018-19	2019-20	2020-21	2021-22	2022-23*
Andhra Pradesh	6.20	6.57	6.06	5.54	6.99
Gujarat	26.60	26.55	22.70	22.84	25.54
Haryana	7.08	7.23	7.40	6.36	5.75
Karnataka	7.18	8.17	8.20	6.74	9.23
Madhya Pradesh	6.14	6.50	5.88	5.60	5.95
Maharashtra	42.18	44.91	45.44	44.10	42.29
Odisha	1.57	1.70	1.71	1.93	2.16
Punjab	2.68	2.48	2.52	2.51	2.49
Rajasthan	6.29	7.60	8.07	7.56	8.14
Tamil Nadu	1.33	1.70	1.12	1.48	1.62
Telangana	18.39	21.27	23.58	18.89	20.25
All-India	126.14	134.77	132.85	123.71	130.61

(b): The list of new varieties of desi cotton (*G. arboreum* and *G. herbaceum*) released by Central Varietal Release Committee (CVRC) during last five years are given below:

S.N.	Name	Species	Year	Area of adaptation
1	Central Cotton CICR CNA 1028 (CNA 1028)	<i>G. arboreum</i>	2020	Central Zone States
2	Central Cotton CICR CNA 1032 (CNA 1032)	<i>G. arboreum</i>	2020	Central Zone States
3	CICR-A Cotton 46 (CNA 1054)	<i>G. arboreum</i>	2021	Central Zone States
4	CICR-A Cotton 56 (CNA1031)	<i>G. arboreum</i>	2022	Central Zone States
5	CICR-A Cotton 57 (CNA 1091)	<i>G. arboreum</i>	2022	South Zone States
6	CICR-A Cotton 59 (CNA17522)	<i>G. arboreum</i>	2022	Central Zone States
7	DDCC 1	<i>G. arboreum</i>	2021	South Zone States
8	DWDa 1802	<i>G. arboreum</i>	2022	South Zone States
9	GJ COT 111 (GAM 162)	<i>G. arboreum</i>	2018	Central Zone States
10	GN COT 29 (Gbav 106)	<i>G. arboreum</i>	2018	South Gujarat
11	Gujarat Anand Desi Cotton 2 (GADC 2)	<i>G. herbaceum</i>	2018	Gujarat
12	Gujarat Anand Desi Cotton 3 (GADC 3)	<i>G. herbaceum</i>	2020	Gujarat
13	Gujarat Anand Desi Cotton 4 (Wagad Resham)	<i>G. herbaceum</i>	2021	Gujarat
14	JLA 0906	<i>G. arboreum</i>	2019	Central Zone States
15	JLA 1207	<i>G. arboreum</i>	2022	Central Zone States
16	K 12	<i>G. arboreum</i>	2018	Tamil Nadu
17	LD 1019	<i>G. arboreum</i>	2019	Punjab
18	PA 740	<i>G. arboreum</i>	2019	South Zone States
19	PA 785	<i>G. arboreum</i>	2018	Central Zone States
20	PA 810	<i>G. arboreum</i>	2021	Central Zone States
21	PA 812	<i>G. arboreum</i>	2020	Central Zone States
22	PA 837	<i>G. arboreum</i>	2022	South Zone States
23	Phule JLA 0603	<i>G. arboreum</i>	2018	South Zone States
24	Phule JLA 0906 (JLA 0906)	<i>G. arboreum</i>	2020	Central Zone States
25	Phule JLA 1110	<i>G. arboreum</i>	2021	South Zone States

(c): National Food Security Mission (NFSM)-Commercial Crops (Cotton) is under implementation since 2014-15, in which an assistance of Rs. 9000/ha is being provided for Front Line Demonstration (FLD) on desi cotton. Besides, ICAR-Central Institute for Cotton Research (CICR), Nagpur and All India Coordinated Research Project (AICRP) on Cotton are undertaking

intensive research and development works for developing improved varieties of cotton as well as site specific agro-technologies to enhance the productivity of cotton in the country.
