

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:2779

ANSWERED ON:12.12.2005

DEVELOPMENT OF NEW VARIETIES OF PULSES SEEDS

Chinta Mohan Dr. ;Scindia Shri Jyotiraditya Madhavrao;Suman Shri Ramji Lal

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Indian Council of Agricultural Research (ICAR) has recently developed some varieties of pulses and certain other seeds;
- (b) if so, the names of these items and the areas in the country where they are likely to produce maximum yield;
- (c) the yield per hectare rate of each of the said seeds;
- (d) the percentage by which this yield rate is higher than the current year rate; and
- (e) the production cost as compared to the current production cost?

Answer

THE MINISTER OF AGRICULTURE (SHRI SHARAD PAWAR)

- (a) & (b): Yes, Sir. The details are given in Annexure-I.
- (c) & (d): Yield per hectare and the percentage by which yield rate is higher than current year rate is given in Annexure-II.
- (e) The production cost of newly developed varieties is almost the same as that of the existing/traditional varieties.

Annexure-I

Crop Variety Condition/State

Pulses

Chickpea RSG 963 It is released for late sown conditions in the states of Rajasthan, Haryana, Punjab, Delhi, Uttranchal and western Uttar Pradesh

BGM 547 It is identified for late sown conditions of Rajasthan, Haryana, Punjab, Delhi, Uttranchal and western parts of Uttar Pradesh

Phule G 9425-9 It is identified for late sown conditions of Rajasthan, Haryana, Punjab, Delhi, Western parts of U.P. and Uttranchal.

BGD-128 This kabuli variety is identified for Madhya Pradesh, Maharashtra, Gujarat, parts of Rajasthan and Bundelkhand region of U.P.

Pigeonpea MAL 13 Identified for U.P. and Bihar

GAUT 001 E Identified for Gujarat, Maharashtra and Madhya Pradesh

GHT 1 First CMS based pigeonpea hybrid GHT 1 was released for cultivation in the state of Gujarat.

CORG 9701 Identified for South Zone (Tamil Nadu).

NDA 98-1 : It has been identified for North East Plain Zone (Uttar Pradesh and Bihar).

Mungbean COGG 912: It was identified for the states of Tamilnadu, Karnataka, A.P. and Orissa.

TM 99-37 This variety was identified for summer season for eastern U.P., Bihar, Jharkhand, W.B. and Assam.

IPM 99-125(Meha) It was identified for cultivation in spring season in the states of Uttar Pradesh, Bihar, Jharkhand, Assam and West Bengal.

HUM 16 : The variety has been identified for the states of U.P., Bihar, West Bengal and Assam.

NDM 97-1 It has been recommended for release in Eastern U.P., Bihar, Jharkhand, West Bengal and Assam.

Lentil HUL 57 It has been identified for cultivation in eastern and central Uttar Pradesh, Bihar, Jharkhand, West Bengal and Assam.

VL Masur 507 The variety has been identified for the states of J & K, Uttaranchal, Himachal Pradesh and Hilly regions of NEH states.

Fieldpea IPFD 99-13 It has been identified for cultivation in Central Zone (Madhya Pradesh, Chhatishgarh, Maharashtra, Gujarat and Bundelkhand region of Uttar Pradesh).

IPFD 1-10 The variety has been identified for the states of M.P., Maharashtra, Gujrat and Bundelkhand region of U.P., J & K, Uttaranchal, Himachal Pradesh and Hilly regions of NEH states.

Rajmash IPR 98-5 This variety has been identified for cultivation in rabi season in eastern and central Uttar Pradesh, Bihar, Jharkhand, West Bengal and Assam.

Annexure-II

Pulse crop Variety Average Yield advantage over yield (kg/ha) the best check of the zone (%)

Chickpea RSG 963 1900 10.5

BGM 547	1800	10.6	
Phule G 9425-9	1860	11.1	
BGD 128	1900	21.3	
Pigeonpea GHT 1	1760	33.3	
CORG 9701	914.5	9.7	
NDA 98-1	2407	24.0	
GAUT 001 E	1911	44.9	
MAL 13	2465	25.0	
Mungbean IPM 99-125	1200	12.0	
COGG 912	800	12.0	
TM 99-37	1200	11.0	
HUM 16	1017	11.0	
NDM 97-1	1100	25.0	
Lentil HUL 57	1400	21.0	
VL Masur 507	1204	14.9	
Fieldpea IPFD 99-13	2274	33.0	
IPFD 1-10	2104	27.0 (CZ)	
	31.0 (NHZ)		
Rajmash IPR 98-5	1800	17.0	