

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:775
ANSWERED ON:28.11.2005
DEVELOPMENT OF NEW VARIETIES OF WHEAT
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Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Indian Council of Agricultural Research (ICAR) has recently developed seven new varieties of wheat crop;
- (b) if so, the details alongwith the names of the said varieties;
- (c) the regions of the country where the said varieties could be cultivated with optimum level of production alongwith the per hectare average yield of the said varieties;
- (d) whether the average yield of the said newly developed wheat varieties may differ with the average yield shown in the research laboratories; and
- (e) if so, the assessments made/drawn in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND MINISTER OF STATE IN THE MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION (DR. AKHILESH PRASAD SINGH)

(a) Yes, Sir. The seven new varieties of wheat have been identified during 44th All India Wheat and Barley Research Workers' Meet, held at University of Agricultural Sciences, Dharwad from 27-30 August, 2005.

(b) & (c): Details given in Annexure-I.

(d) & (e): The newly developed wheat varieties have been identified for consideration for release and notification by the Central Sub-Committee on crop standards, notification and release of varieties on the basis of three years of multilocational testing under the specific agroclimatic conditions for which these have been recommended. Once these varieties are released and notified, these will come in seed chain for production of quality seeds for further cultivation by the farmers, frontline demonstrations and assessments.

ANNEXURE-I

Variety	Production Condition	Area of adaptation	Remarks
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DBW 16	Irrigated	Punjab, Haryana, Delhi, Rajasthan	The variety is resistant to late sown (except Kota and Udaipur divisions) both stripe and leaf and Western UP(except Jhansi division), and yield at par to the most parts of J&K (Jammu and Kathua distt.) widely grown variety PBW and parts of HP(Una distt. and Paonta valley) and Uttaranchal (Tarai region) to brown rust. This will help in varietal diversification in the zone. The average yield is 39 q/ha.
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HD 2888	Rainfed	Eastern UP, Bihar, Jharkhand, Orissa	HD 2888 has yield advantage timely sown West Bengal, Assam and plains of North over the checks along with Eastern States. resistance to brown rust. The average yield is 23 q/ha.
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HI 1531	Rainfed	Madhya Pradesh, Chhattisgarh, Gujarat	HI 1531 has superiority in restricted Kota and Udaipur divisions of Rajasthan yield and resistance to irrigation, and Jhansi division of Uttar Pradesh. leaf rust over available timely sown commercial varieties and
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suitable for rainfed as well
as restricted irrigated
conditions. The average
yield under rainfed condition
is 25 q/ha while under
restricted irrigation it is
27 q/ha.

NIAW917 Irrigated, Maharashtra, Karnataka, Andhra Pradesh, NIAW 917 is superior in yield,
timely sown Goa, Plains of Tamil Nadu. disease resistance and quality
as compared to the checks. The
average yield is 43 q/ha.

PBW533 Irrigated, Maharashtra, Karnataka, Andhra Pradesh, This variety is resistant to
late sown Goa, Plains of Tamil Nadu. both stem and leaf rust a
long with yield advantage as
compared to check varieties.
The average yield is 37 q/ha.

AKDW Rainfed, Maharashtra, Karnataka, Andhra Pradesh, AKDW 2997-16 has resistance to
2997-16 timely sown Goa, Plains of Tamil Nadu. both stem and leaf rust a
(durum) long with yield advantage.
The average yield is 12 q/ha.

DDK1025 Irrigated, Maharashtra, Karnataka, Andhra Pradesh, This dicoccum variety, besides
(Dico- timely sown Goa, Plains of Tamil Nadu as well as being superior in yield and
ccum) hilly areas of Tamil Nadu and Kerala disease resistance for stem
comprising the Nilgiri and Palni hills and leaf rust is good in
of southern plateau. quality parameters also. The
average yield is 38 q/ha.