

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 961
TO BE ANSWERED ON 8TH FEBRUARY, 2022

NEW VARIETIES DEVELOPED BY JNKVV

961. SHRI MANOJ TIWARI:
SHRI RAVI KISHAN:
SHRI PRATAPRAO JADHAV:
SHRI DHAIRYASHEEL SAMBHAJIRAO MANE:
SHRI RAVINDRA KUSHWAHA:
SHRI SUDHEER GUPTA:
SHRI BIDYUT BARAN MAHATO:
SHRI SANJAY SADASHIVRAO MANDLIK:
SHRI SHRIRANG APPA BARNE:

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

(a) whether the Jawaharlal Nehru Krishi Vishwavidyalaya (JNKVV) has developed two varieties each of oats and wheat and one type of rice and three varieties of nigar; if so, the details thereof and the salient features of these varieties;

(b) whether the Union Government has issued any notification about the said varieties as being suitable for production in the country and if so, the details thereof;

(c) whether the Government has tested the new varieties in various agro-climatic conditions in specific crop growing areas of various States and if so, the details thereof and the results therefor;

(d) the time by which these new crop varieties will be made available to the farmers to ensure quality production and enhanced income; and

(e) whether the Government has identified the areas suitable for the cultivation of these varieties in different States in the country and if so, the details thereof, State and location-wise?

ANSWER

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

(a) to (e) Yes Sir, Jawaharlal Nehru Krishi Vishwavidyalaya (JNKVV) has developed two varieties each of oats and wheat, one of rice and three of niger, which have been released during the 87th meeting of Central Sub-Committee on Crop Standards, Notification and Release of Varieties for Agricultural Crops notified in the Gazette of India vide S.O. 8(E) dated 24th December, 2021. Salient features, States of testing and recommended States for cultivations of these varieties have been given at **Annexure – I**.

All these newly released varieties were tested under various agro-climatic conditions of the State(s) through All India Coordinated Research Projects and based on the superiority over the national/ zonal checks these varieties have been recommended for release and notification.

After notification of a variety it takes three years to convert breeder seed to certified seed, and certified seed is distributed to the farmers for general cultivation. Various State and Central Seed Production Agencies and private seed companies produce foundation and certified seed.

[Part (a) to (e) of Lok Sabha USQ No. 961 dated 8Th FEBRUARY, 2022]

Varieties of Jawaharlal Nehru Krishi Vishwavidyalaya released during 87th meeting of Central Sub-Committee on Crop Standards Notification and Release of Varieties for Agricultural Crops

Crop and the Variety name	State of testing & recommendation	Salient features
OATS		
JO 10-506	Assam, Odisha, Jharkhand and eastern Uttar Pradesh	Suitable for rainfed-irrigated under normal fertility conditions, average green fodder yield 219.0q/ha, maturity 135-145 days, resistant to lodging, moderately resistant to leaf blight and root rot
JO 05-304 (Multi cut)	Uttar Pradesh, Maharashtra and Gujarat	Suitable for rainfed-irrigated condition under normal fertility conditions, multi-cut variety, average green fodder yield 560.0 q/ha and dry matter yield 114.0 q/ha, maturity 130-140 days moderately resistance to leaf blight and root rot
WHEAT		
MP (JW) 1358	Maharashtra, Karnataka, Plains of Tamil Nadu	Suitable for restricted irrigation, timely sown condition, average yield 56.1 q/ha, maturity 105 days, biofortified variety rich in protein (12.1%), iron (40.6 ppm); tolerant to heat and drought stresses, resistant to black and brown rust
MP (JW) 1323	Madhya Pradesh	Suitable for irrigated timely sown condition, average yield 61.5 q/ha, maturity 117 days, higher protein content (14.5%); resistant to brown and black rust
RICE		
JR 10	Madhya Pradesh	Suitable for early to medium duration planting during kharif season, recommended for entire rice growing areas of MP, average yield 50-55 q/ha, maturity 120 days; farmers can grow lentil/chickpea after the harvest of this variety, moderately tolerant to most of the diseases including blast & blight
NIGER		
JNS 2016-1115	All India	Suitable for rainfed and irrigated condition, average yield 6.5-7.0 q/ha, oil content 39-40%, maturity 96-102 days; tolerant to <i>Cercospora</i> leaf spots, <i>Alternaria</i> leaf spot & powdery mildew diseases, moderately tolerant to aphids, semi-looper and caterpillar
JNS 2015-9	Madhya Pradesh	Suitable for rainfed as well as irrigated conditions of hills and plains, average yield 5.5-6.0 q/ha, oil content 37-38%, maturity 99-103 days; tolerant to <i>Cercospora</i> and <i>Alternaria</i> leaf spot & powdery mildew diseases and moderately tolerant to aphids, semi-looper and caterpillar
JNS 521	Madhya Pradesh	Suitable for rainfed as well as irrigated hills and plain condition, average yield 5.5-6.0 q/ha, oil content 37-38%, maturity 99-109 days; tolerant to <i>Alternaria</i> leaf spot & powdery mildew diseases and tolerant to aphids, semi-looper and caterpillar