

**GOVERNMENT OF INDIA
AGRICULTURE AND FARMERS WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:2586
ANSWERED ON:01.08.2017
Climate Friendly Varieties of Paddy
Kumar Shri Kunwar Sarvesh

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

- (a) the findings of research work conducted by India Agriculture Research Institute, Manipur centre with regard to climate friendly varieties of Paddy;
- (b) whether there is any report with the Government containing details regarding climate friendly varieties of Paddy;
- (c) if so, the details of such varieties developed and the actual production of rice from the same; and
- (d) the details of action plan of the Government with regard to marketing of seeds of such varieties of paddy?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE
(SHRI SUDARSHAN BHAGAT)

(a) The ICAR Research Complex for NEH Region, Umiam, Meghalaya along with its centre at Manipur and other centres in NEH region and Central Agricultural University, Imphal, Manipur are engaged in development of improved rice varieties for the region. The new varieties are identified through a stringent process of multilocation testing of large number of varieties for three years under open field conditions exposed to climatic variations, hence all varieties, thus developed, are climate friendly. So far, 40 rice varieties have been released for the NEH region by these institutions.

(b) The information of varieties is available in gazette notification of Government, annual reports of Department of Agricultural Research & Education, ICAR-institutes and State Agricultural Universities. The information of released varieties is also available on Seednet India Portal (seednet.gov.in).

(c) The National Agricultural Research System (NARS) comprising the ICAR, Central and State Agricultural Universities (SAUs) is involved in the development of climate friendly rice varieties with emphasis on tolerance to flood/water logging and drought conditions also. With the continued concerted research efforts of NARS, a total of 153 rice varieties /hybrids have been released including climate resilient varieties for cultivation under different agro-climatic conditions during 2014-2017 (till May). These varieties help in enhancing the rice production. The country has recorded ever highest production (109.14 m tonnes) of rice during 2016-17 with significant contribution of climate friendly varieties.

(d) The ICAR along with SAUs undertake breeder seeds production programme of rice varieties in a planned way through AICRP-NSP (Crops) and ICAR Seed Project as per indent of DoAC&FW to ensure the availability of quality seed to the farmers. A total of 22885.5, 23312.7 and 20402.2 quintals of breeder seeds of rice were produced during 2014-15, 2015-16, 2016-17, respectively.
