

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

**LOK SABHA**  
**UNSTARRED QUESTION NO.674**  
TO BE ANSWERED ON THE 19<sup>TH</sup> DECEMBER, 2017

**WEATHER INFORMATION TO FARMERS**

674. SHRI S.R. VIJAYAKUMAR:  
SHRIMATI HEMA MALINI:  
SHRI ASHOK SHANKARRAO CHAVAN:  
SHRI BIDYUT BARAN MAHATO:  
KUNWAR HARIBANSH SINGH:  
SHRI SUDHEER GUPTA:

Will the Minister of AGRICULTURE AND FARMERS WELFARE ₹āđŠāāÓā एवं किसान कल्याण ½āā~āāè  
be pleased to state:

- (a) whether the Government has evolved any mechanism to provide weather related information to the farmers timely and on regular basis to prevent damage to crops caused by rain and flood;
- (b) if so, the details thereof;
- (c) whether the Government has developed different environmental friendly crop varieties tolerant to flood/water logging and if so, the details thereof; and
- (d) the steps taken/being taken by the Government to encourage the use of these seeds in flood and water logging prone areas in the country?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

₹āđŠāāÓā एवं किसान कल्याण ½āā~āāÈā¼ā ½āñā Åā•¼ā ½āā~āāè ( SHRI GAJENDRA SINGH SHEKHAWAT)

(a) & (b): Farmers in the country are provided with weather information along with advisories through different modes of communications like Radio, Television, print media, Short Message Service (SMS). Kisan Suvidha app developed by this Ministry, provides information, inter alia, on weather, input dealers, market price, plant protection and expert advisories. Further, Officers, Scientists and Experts from all the concerned Organizations and Departments of the Government of India and the State Governments (including State Agriculture Universities, Krishi Vigyan Kendras and Agro-Meteorological

(Field Units) are using mkisan portal i.e. <http://mkisan.gov.in> for disseminating information (giving topical & seasonal advisories and providing services through SMSs to farmers in their local languages) on various agricultural activities to the registered farmers. 25 centres of All India Coordinated Research Project on Agro-Meteorology (AICRPAM) located in Agricultural Universities, prepare and disseminate micro level weather based agro-advisories to farmers. Besides, weather information and related agro-advisories are provided to farmers by 681 Krishi Vigyan Kendras through Kisan Mobile Advisory messages, Radio & TV programmes and newspapers. India Meteorological Department (IMD), under the scheme Gramin Krishi Mausam Seva (GKMS) is issuing quantitative district level weather forecast and agromet advisories for the farmers.

(c): Varieties tolerant to various stresses including flood and water logging have been developed for Rice, Wheat, Maize, Sorghum, Pearl Millet, Kodo Millet, Finger Millet, Indian Mustard, Soybean, Niger, Jute, Bajra, Sorghum, Rice bean, Sugarcane, etc. for different agro-ecological regions of the country.

(d): The Government is encouraging the production and distribution of stress tolerant including flood tolerant rice varieties and deep water paddy varieties under the existing schemes viz., National Food Security Mission, Bringing Green Revolution in Eastern India, Sub-mission for Seed and Planting Material and Rashtriya Krishi Vikas Yojana.

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