

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

LOK SABHA
UNSTARRED QUESTION NO.829
TO BE ANSWERED ON THE 7TH FEBRUARY, 2023

PROMOTING INNOVATION IN SEED RESEARCH

829. SHRI JUAL ORAM:

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

(a) the details of roadmap proposed by the Government to bring revolution in agriculture and enhance food systems from the source;

(b) the steps taken by the Government to promote innovations, research and development in the agriculture sector; and

(c) whether the Government has any plans to focus on promoting innovations at the source level in seed research to tackle the impact of climate change on agriculture and food security and if so, the details thereof?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a) to (c): Government of India is continuously engaged in innovation and research to take care of the adverse impacts of climate change, environmental pollution, soil degradation, groundwater depletion and loss of biodiversity for increasing yield. The objective is also to produce more crop from less water, less land, less pesticide, less fertilizer. In this regard, Indian Council of Agriculture Research (ICAR) has one deemed to be university, 21 National Institutes, 3 Bureaus; 2 Project Directorates, one National Research Center, 32 All-India Coordinated Research Projects (AICRP) and All-India Network Projects and four Consortia Research Platforms. These institutions are mandated to produce breeder seed of crops, which in turn is converted to other classes of seeds through multiplication by different agencies to ensure the availability of quality seed to the farmers.

The major emphasis of these efforts is on the development of high yielding climate resilient new varieties/ hybrids which are tolerant to various biotic and abiotic stresses with enhanced quality. During 2014 to 2022, a total of 1752 climate resilient varieties have been released through Central Sub-Committee on Crop Standards.
