

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

**LOK SABHA**  
**UNSTARRED QUESTION NO. 4908**  
TO BE ANSWERED ON THE 23<sup>RD</sup> JULY, 2019

**FOOD SOVEREIGNTY**

4908. SHRI HIBI EDEN:

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

- (a) whether the Government has policies and schemes to ensure that food sovereignty has been achieved in India over food security;
- (b) if so, the details thereof;
- (c) whether the Government has considered alternatives to GM crops in the unprecedented event of climate change, if so, the details thereof;
- (d) whether the Government has initiated studies substantiating this; and
- (e) if so, the details thereof?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): In order to increase the production and productivity of various crops, the Government of India has already been implementing several crop development programmes such as National Food Security Mission (NFSM), Mission for Integrated Development of Horticulture (MIDH), National Mission for Sustainable Agriculture (NMSA), Sub-Mission on Seeds and Planting Material (SMSP), Sub-Mission on Agricultural Mechanisation (SMAM), Rashtriya Krishi Vikas Yojana (RKVY), etc. under the Umbrella scheme, "Green Revolution-Krishonnati Yojana". Besides, Pradhan Mantri Fasal Bima Yojana (PMFBY), Pradhan Mantri Krishi Sinchai Yojana (PMKSY), Paramparagat Krishi Vikas Yojana (PMKVY), Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) etc. are also under implementation to ensure food security in the country.

(c) to (e): The Department of Biotechnology is supporting technologies alternative to GM crops and marker assisted breeding of rice and wheat for abiotic stresses/climate resilience is being taken up. Indian Council of Agricultural research (ICAR) has also initiated a major technology network project "National Innovations on Climate Resilient Agriculture (NICRA)". The project aims to enhance resilience of Indian agriculture to climate change and climate vulnerability through strategic research and technology demonstration.

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