

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

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 965**  
ANSWERED ON- 28/07/2023

**R&D FOR BOOSTING AGRICULTURAL GROWTH**

965. **SHRI BIPLAB KUMAR DEB:**

Will the Minister of **Agriculture and Farmers Welfare** be pleased to state:

- (a) whether Government is undertaking extensive Research and Development (R&D) for boosting agricultural growth in the country; and
- (b) the details of the research projects undertaken by the Indian Council of Agricultural Research (ICAR) during last five years, year-wise, project-wise?

**ANSWER**

**THE MINISTER OF AGRICULTURE AND FARMERS WELFARE**  
(SHRI NARENDRA SINGH TOMAR)

(a): Yes Sir. Indian Council of Agricultural Research (ICAR) is undertaking extensive research under various biotic and abiotic stress conditions, productivity enhancement through sustainable intensification and mechanization of agriculture and food system, value and income enhancement through food processing, development of energy efficient technologies and farming practices.

(b): The Indian Council of Agricultural Research is guiding and monitoring entity of the country for National Agriculture Research System (NARS) through 113 research institutes, 74 agricultural universities and 731 Krishi Vigyan Kendras spread across the country having responsibility of development of technologies in various fields of agriculture and allied sectors. Some of the major projects under taken in the last five years are as follows:

- i) Incentivising Research in Agriculture.
- ii) Consortium Research Project (CRP) on Agrobiodiversity; CRP on Hybrid Technology; CRP on Molecular Breeding and CRP on Biofortification.
- iii) Consortia Research Programme on Vaccines and Diagnostics (CRP V&D) (funded by ICAR and aims to deliver 14 vaccine candidates, 85 diagnostics and 2 probiotics/ immunostimulants).
- iv) ICAR Network Programme on Precision Agriculture.

- v) National Innovations in Climate Resilient Agriculture.
- vi). Network Project on Organic Farming including Natural Farming.
- vii) Development of nutri-smart villages for food security and dietary diversity for combating malnutrition.
- viii) Studies on sectoral contribution of women in agriculture and allied sectors
- ix) ICAR research data repository for knowledge management as KRISHI: Knowledge based Resources Information System Hub for Innovations in Agriculture.
- x) Integrated sample survey solution for major livestock products (e-LISS). Funded by Animal Husbandry Statistics Division, Department of Animal Husbandry, Dairying & Fisheries Ministry of Agriculture and Farmers Welfare, Govt. of India.
- xi) Network project on agricultural bioinformatics and computational biology.
- xii) Resilient Agricultural Education System (RAES).
- xiii) Investments in Indian Council of Agricultural Research leadership on agricultural higher Education.
- xiv) All India Network Project on Mariculture
- xv) All India Network Project on Fish Health. .
- xvi) Consortium Research Platform (CRP) on Genomics.
- xvii) National Surveillance Programme of Aquatic Animal Diseases (NSPAAD).
- xviii) All India Network Project on Ornamental Fish Culture.

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