

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

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2721**  
ANSWERED ON- 24/03/2023

**AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTES**

**2721 SMT. KANTA KARDAM:**

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

- (a) whether the Agricultural Research and Development Institutes are working for agricultural development in Uttar Pradesh;
- (b) if so, the details thereof, location-wise; and
- (c) the details of agriculture related works done by the said Agricultural Research and Development Institutes during last four years?

**ANSWER**

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

**(a) and (b):** Yes Sir. There are fifteen (15) Research Institutes of Indian Council of Agricultural Research (ICAR) working in Uttar Pradesh. The details is as under:-

1. Indian Institute of Pulses Research (IIPR), Kanpur
2. Indian Institute of Sugarcane Research (IISR), Lucknow
3. Indian Institute of Seed Science (IISS), Mau
4. National Bureau of Agriculturally Important Micro-organisms (NBAIM), Mau
5. Indian Grassland and Fodder Research Institute (IGFRI), Jhansi
6. Indian Veterinary Research Institute (IVRI), Bareilly
7. Central Institute for Research on Goats (CIRG), Makhdoom
8. Central Institute for Research on Cattle (CIRC), Meerut
9. Central Avian Research Institute (CARI), Bareilly
10. Central Institute for Subtropical Horticulture (CISH), Lucknow
11. Indian Institute of Vegetables Research (IIVR), Varanasi
12. National Bureau of Fish Genetic Resources (NBFGR), Lucknow
13. Indian Institute of Farming Systems Research (IIFSR), Modipuram, Meerut
14. Central Agroforestry Research Institute (CAFRI), Jhansi
15. Agricultural Technology Application Research Institute (ATARI), Kanpur

Besides above, four Regional Stations of ICAR Research Institutes are also functioning:

1. Central Research Institute for Jute and Allied Fibres (CRIJAF) - Sunnhemp Research Station, Pratapgarh
2. Central Potato Research Institute (CPRI) - Regional Station, Modipuram, Meerut

3. Central Inland Fisheries Research Institute (CIFRI) - Regional Research Centre, Prayagraj.
4. Central Soil Salinity Research Institute (CSSRI) - Regional Research Station, Lucknow

(c): The above mentioned Research Institutes conduct research on important commodities like crops, horticulture, fisheries, animals, farming system research, agroforestry etc. Besides specific research project undertaken in these institutes, some major achievements have been summarized as below:

- i. 258 varieties have been developed for Uttar Pradesh, out of which 120 are of Cereals; 44 are of Oilseeds; 56 are of Pulses; 24 are of Forages; 2 are of Fibre crops; 10 are of Sugarcane.
- ii. 16008.4 quintals of breeder seed were produced for field crops.
- iii. NBAIM, Mau has developed microbe based products viz. BioNPK, BioGrow, BioPhos, BioPhos+, BioPotash, BioZn, BioBacter, RhizoNBAIM, BioSanjeevani and BioSulphur.
- iv. 19 Value added Poultry Processed Products, Triple knock down chicken developed (for myostatin, activin receptor type 2A and 2B).
- v. 61 Trait specific/stress tolerant varieties/hybrids in 20 vegetable crops including potato and 3 fruit crops were released for cultivation.
- vi. Developed Live attenuated indigenous CSF cell culture vaccine (IVRI-CSF-BS), Swine (pig) septic pasteurellosis vaccine, Lumpi-provacInd (lumpy skin disease vaccine) and recombinant antigen based sero-diagnostics against infectious bronchitis, infectious bursal disease (IBD) and Newcastle disease.
- vii. Developed Cattle BLAD Diagnostic Assay, CIRC-COWCAM Assay, Assay for detecting A1A2 milk in cattle and buffalo, Cattle Complex vertebral malformation (CVM) Assay.
- viii. FUSICONT technology developed. It is able to successfully manage the banana wilt disease.
- ix. Developed and demonstrated shrimp farming technology for Inland saline water with production levels of 5-6 tons/ha in 4 months' culture period.
- x. 89 Krishi Vigyan Kendras (KVKs) working in Uttar Pradesh conducted 12985 On-farm Trials and 0.98 lakh frontline demonstrations.

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