

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

RAJYA SABHA
UNSTARRED QUESTION NO. 1768
ANSWERED ON- 04/08/2023

RESEARCH INSTITUTES UNDER ICAR

1768 **DR. C.M. RAMESH:**

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

(a) the number of research institutes that have been set up by the Indian Council of Agricultural Research (ICAR) in different States during the last three years, the details thereof, State-wise; and

(b) whether farmers are given training and encouraged to take up organic farming and also about the harmful effects of chemical fertilisers apart from other inputs like mechanical agriculture by these research institutes for scientific results in agricultural sector, if so, the details thereof?

ANSWER

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

(a): No new research institute has been set up by the Indian Council of Agricultural Research (ICAR) during last three years.

(b): The Indian Council of Agricultural Research (ICAR) imparts training to educate farmers on Organic Farming and has started course on Organic Farming since 2018-19.

There is no adverse effect of chemical fertilizers with their balanced and judicious use. However, ICAR suggests soil test based balanced and integrated nutrient management through conjunctive use of both inorganic and organic sources (manure, biofertilizers etc.) of plant nutrients to prevent harmful effect of chemical fertilizers reducing deterioration of soil health and environment. In addition, split application and placement of fertilizers, use of slow releasing N-fertilizers and nitrification inhibitors, growing leguminous crops and use of Resource Conservation Technologies (RCTs) are also advocated. The ICAR also imparts training to educate farmers on all these aspects. The farmers have been trained on agricultural engineering farm machinery & its maintenance, installation and maintenance of micro irrigation systems.
