

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:5017
ANSWERED ON:26.04.2000
RESEARCH WORK
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Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Indian Agricultural Research Institute is playing a great role in the progress of the country;
- (b) if so, role played by IARI;
- (c) the Research Institute engaged in various research works for improving the quality of oilseeds particularly of mustard and rapeseed oil;
- (d) the financial assistance and other facilities provided by the Union Government to those institutes during the last three years, State-wise; and
- (e) the development of seeds undertaken by these institutes during the above period?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a) Yes, Sir.

(b) The Indian Agricultural Research Institute (IARI) is the premier national institute for agricultural research, education and extension. The growth of agriculture in the country is closely linked with the researches done and technologies generated by the Institute. The Green Revolution stemmed up from the field of IARI. Development of high yielding varieties and hybrids of all major crops, which occupy large area throughout the country, and generation and standardization of their production techniques, have been the hallmarks of the Institute's research.

The Institute has also given a lead in integrated pest management, integrated soil-water-nutrient management and plant biotechnology. Over the years, IARI has excelled as a center of higher education and training in agricultural sciences at national and international levels.

(c) The Institutes engaged in various research work for improving the quality of oilseeds are National Research Centre for Rapeseed and Mustard (NRCRM), Bharatpur (Rajasthan), National Research Centre for Groundnut (NRCG), Junagarh (Gujarat), National Research Centre for Soybean (NRCS), Indore (M.P.) and Directorate of Oilseed Research (DOR), Hyderabad (Andhra Pradesh). These National Research Centers/Project Directorate have been entrusted with the responsibility of improving the quality as well as other characters of oilseeds. In addition to these national Institutes, All India Coordinated Research Projects on oilseeds funded by ICAR, are functioning. These projects have coordinated research centers at various state agricultural universities. In case of rapeseed and mustard, all-India coordinated research project has 22 centers in various states.

(d) The financial assistance and other facilities provided to institutes engaged in oilseeds research for the last three years are as follows:-

Institutes Allocation (Rs. In lakhs)

1997-98 1998-99 1999-2000

NRCRM, Bharatpur (Raj.)

Plan :	92.00	230.00	300.00
Non Plan:	30.00	63.50	89.00

NRCG, Junagarh (Guj.)

Plan :	92.50	130.00	105.00
Non Plan :	93.00	138.00	125.65

NRCS, Indore (M.P.)

Plan :	46.00	70.00	135.00
Non Plan :	45.00	46.50	135.00

DOR, Hyderabad (A.P.)

Plan :	570.05	236.00	135.00
Non Plan :	186.00	273.50	119.62

(e) In the last three years more than 40 new varieties/hybrids of different oilseed crops have been developed by these institutes in collaboration with the All-India Coordinated Research Projects, released and notified for cultivation in different states. These varieties/hybrids combine high yield potential with other desirable traits including resistance to important diseases in some cases. A few quality lines of rapeseed mustard having the characteristics of low erucic acid and low glucosinolate have also been developed which are currently being tested in different agro-climatic conditions.