

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

LOK SABHA
UNSTARRED QUESTION NO. 2377
TO BE ANSWERED ON 6TH AUGUST, 2024

ONE SCIENTIST, ONE PRODUCT PROGRAMME

2377. SHRI SELVAGANAPATHI T.M.:

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

- (a) whether it is a fact that the Indian Council of Agricultural Research (ICAR) has launched its 'One Scientist, One Product' programme to improve research in the field of agriculture and animal husbandry;
- (b) whether it is true that the ICAR had given a target to all 5,521 scientists under the institution to come up with a product, technology, model, concept or good publication;
- (c) whether it is also true that the ICAR was also working to develop 100 new seed varieties and 100 farm technologies in 100 days as part of the Centre's 100 day action plan;
- (d) whether it is a fact that with the help of breeder seeds, about 16 million hectares are under bio-fortified varieties of different crops, including wheat, rice, pearl millet, lentil and mustard; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

कृषि और किसान कल्याण राज्य मंत्री (SHRI BHAGIRATH CHOUDHARY)

(a) & (b): The Indian Council of Agricultural Research (ICAR) has advised its scientists to work on the targeted approach of 'One Scientist, One Product' to improve research productivity and outputs in the field of agriculture, animal husbandry, fisheries and allied sectors. Agricultural scientists are engaged in different in-house and externally funded research projects and work in team mode. Technologies, models, concepts, approaches, methodologies, publications, etc. are the outputs from the research projects. Each research project produces such outputs/products depending upon the scope of the project.

(c) 100 new seed varieties and 100 farm technologies in 100 days are part of the Centre's 100 day action plan.

(d) & (e): During the past 10 years, total 150 bio-fortified varieties have been developed by ICAR including 132 of field crops and 18 of horticultural crops. During last five years (2019-20 to 2023-24), 58037 quintal of breeder seed of bio-fortified field crop varieties has been produced and supplied to various seed production agencies for downstream multiplication of foundation and certified seed. Based on the quantity seed produced more than 16.0 million hectares area is under bio-fortified varieties of different crops including wheat (13.0 million hectares), rice (0.5 million hectares), pearl millet (1.5 million hectares), lentil (0.50 million hectares) and mustard (0.75 million hectares) during 2023-24.
