

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO-1499**  
TO BE ANSWERED ON 12<sup>TH</sup> DECEMBER, 2023

**PRODUCTION OF GARLIC**

+1499. SHRI HARISH DWIVEDI:

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

- (a) the quantity of Garlic produced during the years 2022 and 2023;
- (b) whether any research is being carried out on developing the new variety of Garlic usually grown in Rabi season, which can be grown in Kharif season also; and
- (C) if so, the details thereof?

**ANSWER**

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि और किसान कल्याण मंत्री (SHRI ARJUN MUNDA)

(a): The production of garlic for the year 2021-22 and 2022-23 (2<sup>nd</sup> Advance Estimates) in the Country are given below:

Year	Production (in '000Tonnes)
2021-22	3523
2022-23 (2 <sup>nd</sup> Advance Estimates)	3256

(b): Yes, Sir.

(c): Planned research on genetic improvement of garlic for identification of varieties suitable for cultivation under different seasons and agro-climatic conditions in India is being carried out by the ICAR-Directorate of Onion and Garlic Research, Pune and the National Horticulture Research and Development Foundation, Nasik. Further, location specific adoptive trails are being taken up at different locations of

the country through ICAR- All India Network Research Project on Onion and Garlic (ICAR-AINRP on O&G).

The field trials were conducted to identify suitable varieties for cultivation during Kharif through ICAR-AINRP on O&G at six locations (Maharashtra, Karnataka and Tamil Nadu (Ooty)) for three years. Two varieties, Bhima Purple and G-282 performed better at three locations viz. Maharashtra, Karnataka and Tamil Nadu (Ooty), giving yield of 30.0-40.0 q/ha. However, the yield in Kharif season was quite less as compared to Rabi season. Gadag local, a land race from Karnataka, is being cultivated by growers during Kharif season and is giving better yield in Karnataka.

In addition, one advance breeding line of garlic namely, G-389 has been observed suitable for Kharif in Maharashtra, Gujarat and Madhya Pradesh as well as for Rabi.

\*\*\*\*\*