

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:2745
ANSWERED ON:11.12.2006
HIGH YIELDING VARIETIES OF SEEDS
Adsul Shri Anandrao Vithoba

Will the Minister of AGRICULTURE be pleased to state:

- (a) The details of the High Yielding Varieties (HYV) of seeds developed by the Indian Council of Agricultural Research (ICAR) during the last one year;
- (b) Whether the ICAR has been able to develop only a few varieties of HYV seeds as compared to other developed countries ;
- (c) If so, the reasons therefor; and
- (d) The steps taken/proposed to be taken by the Government to develop research activities to improve the quality of seeds in the country ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

- (a) A total of 151 high yielding varieties have been developed during last one year. The details of varieties are given in Annexure-I.
- (b) No, Sir.
- (c) Question does not arise.
- (d) The Indian Council of Agricultural Research (ICAR) Institutes, National Research Centres, All India Coordinated Research Projects and Network Projects of different crops have the research programmes for developing high yielding and resistant varieties to biotic and abiotic stresses. The Govt. of India has taken following steps to improve the quality of seeds:-

The breeder seed production is the mandate of Indian Council of Agricultural Research

(ICAR) which was executed by launching AICRP-NSP (Crops) since 1979-80. In X Plan period the project is operating at 35 Breeder Seed Production (BSP) centers and 23 Seed Technology Research (STR) centers in different ICAR institutes and SAUs across the country with a total financial outlay of 37.0389 crores.

The following new initiatives have been taken :-

- I. The National Seed Project (Crops) has been upgraded as Directorate of Seed Research to coordinate all research projects as well as monitor the projects concerning seed programmes of field crops.
- II. A new project in respect of 'Seed production in Agricultural Crops and Fisheries' with an outlay of Rs.198.90 crores has been sanctioned for two years (2005-06 to 2006-07) of X Five Year Plan. The project would accelerate the supply of quality basic/breeder seed of parental lines, open pollinated varieties and planting material to all agencies including private sector. Further, there is no agency for supply the fish seed in the country and ICAR has strengthened its efforts in meeting the needs of high growth in fisheries and supply the fish seed also to farmers of the country.
- III. On the basis of the project proposals revolving fund is provided to different ICAR's institutes, SAUs, KVK and Public sector etc. for producing the quality breeder seed from A.P. Cess Fund.