

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:98

ANSWERED ON:13.03.2012

SCIENTIFIC ACHIEVEMENTS IN AGRICULTURE

Adhalrao Patil Shri Shivaji;Adsul Shri Anandrao Vithoba

**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether despite the steady growth of the farm sector in the country, the many scientific achievements in the field of agriculture have not been fully utilized;
- (b) if so, the reasons therefor;
- (c) whether the expected yield per hectare has not been achieved despite ideal farm practices in the country; and
- (d) if so, the corrective steps taken by the Union Government to address the problem?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE, FOOD PROCESSING INDUSTRIES AND PARLIAMENTARY AFFAIRS (SHRI HARISH RAWAT)

(a) Yes, Madam.

(b) & (c): With the average yields of food grains and horticultural crops have increased substantially, their full potential have not been realized. Under ideal farm practices, expected maximum yield per hectare can be achieved, as was observed in the frontline demonstrations conducted by ICAR in different crops all over the country. However, about 25-30 per cent gap still exists between per ha yield realized in such demonstrations and farmers' fields.

(d) ICAR, in collaboration with Agricultural Universities, has taken several initiatives to enhance productivity of different crops by adoption of crop production technologies that are useful to sustain high crop productivity.