

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:6521  
ANSWERED ON:07.05.2013  
HIGH YIELDING VEGETABLES  
Dias Dr. Charles

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

- (a) whether various research institutes in the country have developed high-yielding vegetable varieties other than genetically modified vegetables during the last three years;
- (b) if so, the vegetable varieties developed and the quantity of increase in the production of vegetables; and
- (c) the names of agricultural research institutes along with its locations where research work is taking place for high yielding varieties of vegetables?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FOOD PROCESSING INDUSTRIES (SHRI TARIQ ANWAR)

(a) Yes, Madam.

(b) Indian Institute of Horticulture Research (IIHR) located at Bangalore has released 23 varieties in 10 vegetable crops during the last three years. The varieties released by IIHR are Tomato: Arka Samrat, Arka Rakshak; Watermelon: Arka Muthu; French Bean: Arka Sharath; Cowpea: Arka Mangala; Dolichos Bean: Arka Soumya, Arka Sambhram, Arka Amogh, Arka Swagath; Garden Pea: Arka Priya, Arka Pramodh, Arka Apoorva; Onion: Arka Swadista, Arka Ujjwal, Arka Vishwas, Arka Sona, Arka Akshay (Syn-4), Arka Bheem (Syn-6); Amaranth: Arka Samraksha, Arka Varna; Cauliflower: Arka Vimal (IIHR-316-1), Arka Spoorthi (IIHR-371-1); Coriander: Arka Isha.

Varieties released by Indian Institute of Vegetable Research (IIVR), Varanasi are Tomato: Kashi Abhimaan; Chilli: Kashi Gaurav, Kashi Sinduri; Cowpea: Kashi Unnati, Kashi Nidhi; Dolichos Bean: Kashi Haritima; Sponge gourd: Kashi Divya; Pointed gourd: Kashi Alankar.

All these above varieties are getting popular in the farmers' fields, wherein the quality seeds of these varieties have been produced in required quantities. The yield enhancement of these varieties is to the tune of 15-20 per cent in the on-farm trials and demonstrations conducted in the farmers' fields.

(c) The Institutes working on vegetable crops are IIHR, Bangalore; IIVR, Varanasi; DOGR, Pune; CPRI, Shimla; CIAH, Bikaner; CITH, Srinagar; VPKAS, Almora; ICAR Res. Complex for NEH, Barapani; ICAR Res. Complex for Eastern Region, Patna; CARI, Port Blair; IARI, New Delhi.