

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION NO.6122
TO BE ANSWERED ON 04.04.2018

CROPS AND VEGETABLES DEVELOPED BY BARC

6122 . SHRIMATI MEENAKASHI LEKHI:

Will the PRIME MINISTER be pleased to state:

- (a) the details of crops and vegetable varieties developed by Bhabha Atomic Research Centre (BARC) during the last three years; and
- (b) the steps taken by the Government to popularise the usage of these crops and vegetable varieties amongst farmers?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

- (a) By using radiation induced mutagenesis along with cross breeding, Bhabha Atomic Research Centre (BARC) has developed two mutants of rice {Trombay Raipur Rice-1(TRR-1), Trombay Konkan Kolam (TKKR-13)*} and one mutant of cowpea {Trombay Cowpea 901 (TC901)*} which are identified for release. BARC has also developed several mutants of groundnut, mustard, cowpea, blackgram, greengram, soybean, rice and wheat which are undergoing advance field trials in State Agricultural Universities. The major desirable traits in these crops include higher yield, seed size, improved agronomic and quality traits, early maturity and stress tolerance.
- (b) The BARC developed mutant crop varieties have high patronage from the farming community and are extensively grown in different states of the country. Popularization is done by linkages established with State Agricultural Universities (through kisan mela, frontline demonstrations / exhibitions and awareness programmes).
