

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:3353  
ANSWERED ON:30.11.2010  
ECOLOGICAL FERTILISERS  
Singh Alias Pappu Singh Shri Uday

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

- (a) the share of ecological fertilisers in the market at present;
- (b) the steps taken by the Government to promote ecological fertilisation;
- (c) whether the Government proposes to phase out Chemical fertilisers gradually;
- (d) if so, whether any study has been conducted by the Government on the harmful effects of over chemical fertilization of soil; and
- (e) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND MINISTER OF STATE IN THE MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION (PROF. K.V. THOMAS)

(a): In total fertilizer market, while the share of chemical nutrients is 25 million tones, bio-fertilizer and organic manure/fertilizers contribute 0.15 million and 5.23 million tones respectively.

(b): Government is promoting use of ecological fertilizers through promoting integrated nutrient management, advocating soil test-based balanced and judicious use of chemical fertilizers, bio-fertilizers and organic manures to maintain soil health and its productivity. Government is also supporting production of bio-fertilizers and organic manures and providing subsidy for setting up of Vegetable and Fruit Market Waste Compost units and Bio-fertilizer production respectively. Financial assistance is also being provided for setting up of vermin- compost production units under National Horticulture Mission (NHM) and Rashtriya Krishi Vikas Yojna (RKVY).

(c) to (e): Chemical fertilizer remain the main source of plant nutrients. Studies carried out by ICAR at different locations in the country indicated that non-judicious and imbalanced use of inorganic fertilizers (NPK) over the years may result in deterioration of soil fertility/nutrient deficiencies. The Government is, therefore, promoting Integrated Nutrient Management.