

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

STARRED QUESTION NO:35

ANSWERED ON:06.08.2013

RESEARCH IN MANURE

Sampath Shri Anirudhan;Singh Rajkumari Ratna

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

- (a) whether the Government is conducting any research for developing manure for crops from organic waste;
- (b) if so, the details thereof;
- (c) the research bodies involved in such research;
- (d) the comparative cost of producing such manure against the chemical fertilizers; and
- (e) the effective steps taken/proposed to be taken by the Government to produce manure from organic waste?

**Answer**

THE MINISTER OF AGRICULTURE (SHRI SHARAD PAWAR)

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT IN RESPECT OF PARTS (a) to (e) OF LOK SABHA STARRED QUESTION NO. 35 TO BE ANSWERED ON 06/08/2013 REGARDING "RESEARCH IN MANURE"

(a) & (b): Yes, Madam. The Indian Council of Agricultural Research (ICAR) has developed technologies to prepare various types of organic manures such as phosphocompost, vermincompost, municipal solid waste compost, etc. from organic wastes and such technologies are being disseminated to farmers through training and demonstration. These have been tested and found useful in improving soil health and crop productivity.

(c) Various ICAR institutions particularly Indian Institute of Soil Science, Bhopal, Indian Agricultural Research Institute, New Delhi, Project Directorate of Farming System Research, Modipuram, Central Research Institute for Dry Land Agriculture, Hyderabad, Central Arid Zone Research Institute, Jodhpur, Indian Institute of Horticultural Research, Bengaluru, Central Plantation Crops Research Institute, Kasargod, ICAR Research Complexes and State Agricultural Universities are involved in developing technologies for production of manures/compost from various waste materials.

(d) The chemical fertilizers provide important plant nutrients like N, P and K. The cost of major chemical fertilizers is fixed after availing subsidy from Govt. of India unlike organic manure. The benefits of organic manure are not only in terms of nutrient supply, as it also provides the other benefits in terms of improving soil physical & biological health. Farmers normally prepare compost/manure on their farms and therefore these become cheaper as compared to organic manures manufactured by private companies and chemical fertilizers. In view of above, the cost of producing such manures as compared to fertilizers may not be comparable.

(e) The Government through National Project on Management of Soil Health and Fertility (NPMSHF) and National Project on Organic Farming (NPOF) is promoting use of composts/manures in the country. Farmers are being educated on this aspect through training and demonstrations.