

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:1043

ANSWERED ON:01.03.2011

IMPACT OF PESTICIDES ON AGRICULTURE

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

(a) whether the Government has conducted any survey/study regarding impact of chemical fertilisers and insecticides on environmental pollution, ecological imbalance and human health in the country;

(b) if so, the details thereof;

(c) whether the Government proposes to promote the use of organic manure and bio-fertilisers in the country to tackle the above problems; and

(d) if so, the details thereof?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF AGRICULTURE AND MINISTER OF THE STATE IN THE MINISTRY OF FOOD PROCESSING INDUSTRIES (SHRI ARUN YADAV)

(a) & (b): Studies carried out by Indian Council of Agricultural Research (ICAR) indicated that non-judicious and imbalanced use of chemical fertilizers over the years have resulted in deterioration of soil fertility/ nutrient deficiencies in the country particularly in the intensively cultivated area of Indo-gangatic plains.

Injudicious and indiscriminate use of insecticides can also cause interruption of microbial activity in soil and environmental pollution.

(c) & (d): As part of integrated nutrient management the Government is promoting use of organic manure and bio-fertilizers under various schemes to restore soil health and productivity. Under National Project on Organic Farming, financial assistance @ 25% of project cost up to a maximum of Rs.40.00 lakh per unit is provided for setting up bio- fertilizer production units of 200 TPA, as credit linked back ended subsidy through NABARD. Similarly, under National Project on Management of Soil Health and Fertility, financial assistance of Rs.500 per hectare is provided for promotion of organic manure. Financial assistance under Rashtriya Krishi Vikas Yojana (RKVY) and National Horticulture Mission (NHM) is also provided for promoting use of organic manure and bio-fertilizers.