

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:3197  
ANSWERED ON:11.02.2014  
IMPACT OF AGRO CHEMICALS ON FOODGRAINS  
Patil Shri A.T. Nana

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

- (a) whether any assessment has been made regarding the impact of agro chemicals on the targeted pests and subsequently the production of foodgrains;
- (b) if so, the details thereof;
- (c) whether the Government has taken/ is planning to take any measures to regulate the usage of inorganic chemicals and promote biological pest control measures; and
- (d) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FOOD PROCESSING INDUSTRIES (DR. CHARAN DAS MAHANT)

(a) & (b): The Registration Committee constituted under Section 5 of the Insecticides Act, 1968 registers pesticides after evaluating the data on chemistry, bio-efficacy, toxicity and packaging and processing to ensure its efficacy and safety to human beings, animals and the environment. Alongwith Certificate of Registration, an approved label claim having details of directions for use, dose, dilution, waiting period, safety etc. is provided to registrants. Pesticides need to be used as per the approved label claim available with each pack. There is no report to suggest that use of the agro chemicals has any adverse affect on agricultural production of foodgrains if used as per approved label claim. On the contrary, use of these insecticides has helped in mitigating the menace of insect pests.

(c) & (d): To minimize the use of chemical pesticides, Government is implementing a scheme "Strengthening and Modernization of Pest Management Approach in India" since 1991-92 by adopting Integrated Pest Management (IPM) as main plank of plant protection strategy in overall crop production programme. Under the ambit of IPM programme, Government has established 31 Central IPM Centres in 28 States and one UT. Biological control measures of pest management are being promoted in the States through these Centres for which the activities like mass production and release of bio control agents against different pests and weeds and augmentation and conservation of the bio-control agents are being undertaken. The farmers are also being empowered through Farmers Field Schools programme being organized in different States of India for the adoption and popularization of bio-control measures against different crop pests and weeds.