

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF CHEMICALS AND PETROCHEMICALS
LOK SABHA
UNSTARRED QUESTION No - 2090
ANSWERED ON- 01/08/2025

USE OF INSECTICIDES

2090 SHRI. ESWARASAMY K:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- a. whether the use of insecticides on foodgrains, vegetables and fruits etc. renders them harmful for health;
- b. if so, the details thereof and the adverse effects caused on human health;
- c. whether the number of all species of birds is slowly decreasing due to eating of foodgrains containing insecticides and water and air are getting polluted due to it, if so, the details thereof;
- d. whether the Government has adopted any innovative idea to remedy this situation; and
- e. if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS

(SMT. ANUPRIYA PATEL)

(a) & (b): Pesticides are allowed for use in the country only after they are granted approval in the form of Registration Certificate by the Registration Committee (RC) under Ministry of Agriculture and Farmers Welfare. The registration is granted only after ensuring the efficacy and safety of the pesticides to prevent risk to human beings or animals or environment and for matters connected therewith. Based on the studies and field trials conducted at approved Universities/institutes, Ministry of Agriculture and Farmers Welfare through the RC, approves the details of doses, crops, precautionary measures, antidotes etc., which are duly published on label and leaflets of the pesticides. The registered pesticides if used as per instruction on the label and leaflets, do not pose any harm to human beings, animals and environment.

(c): No specific information is available about the number of species of birds which are slowly decreasing due to eating of food grains and water contaminated with insecticides.

(d) & (e): Ministry of Agriculture and Farmers Welfare through its Central Integrated Pest Management Centres (CIPMCs), Krishi Vigyan Kendras (KVKs) and State Agriculture Departments conduct various training programs to create awareness amongst farmers about use

of alternate to chemicals like Bio-pesticide, Bio-stimulants, and alternate farming practices such as organic farming, mix farming to increase their production. In the year 2024–25, a total of 720 training programs were conducted across the country, benefiting 21,271 farmers. Also, to prevent the excessive use of chemical pesticide Government of India promotes the strategy of Integrated Pest Management (IPM) which envisages pest management through traditional and biological methods..
