

**GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA**

UNSTARRED QUESTION NO:3545

ANSWERED ON:15.12.2011

CONSUMPTION OF AGRO CHEMICALS

Pratapsinhmaharaj Shri Bhonsle Shrimant Chh. Udganraje

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

- (a) the total consumption of agro chemicals in the country during each of the last three years;
- (b) whether any assessment has been made of the impact of agro chemicals on the target pests and subsequently the production;
- (c) if so, the details thereof;
- (d) if not, the reasons thereof;
- (e) whether the Government has taken/planning to take any measures to regulate the usage of inorganic chemicals and promote biological pest control measures; and
- (f) if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) STATISTICS AND PROGRAMME IMPLEMENTATION AND MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS AND (SHRI SRIKANT KUMAR JENA)

- (a) The total consumption of pesticides during each of last 3 years is as under:

Year	Consumption M.T. {Tech. Grade}
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2007-08	43630
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2008-09	43860
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2009-10	41822
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(b) to (d) At the time of registration under section 9 of the Insecticides Act, 1968, the pesticides are inter alia evaluated for their bioefficacy. While scientific estimates of crop losses due to pests are not available as the damage depends on various factors including weather conditions, crop cultural practices and plant protection practices, the crop losses due to pests are assessed to range between 10 to 30 per cent annually, depending on severity of pest attack.

(e) and (f): The Central Government has already launched a scheme titled "Strengthening and Modernization of Pest Management Approach in India" in 1991-92 adopting Integrated Pest Management (IPM) as the main plank of plant protection strategy in overall crop production programme. Under the ambit of IPM programme, the Government has established 31 Central IPM Centres in 28 States and one UT. The mandate of these Centres is pest/ disease monitoring, production and release of bio-control agents/ bio-pesticides, conservation of bio-control agents and Human Resource Development in IPM by imparting training to Agriculture/ Horticulture Extension Officers and farmers at grass root level by organizing Farmers Field Schools (FFSs) in farmers fields. Major emphasis is given on judicious use of chemical pesticides, safety in use of pesticides, alternate tools for pest management viz., cultural, physical, mechanical methods of pest control as well as use of biopesticides and biocontrol agents, effects of pesticides on natural enemies of pests, do's and don'ts of pesticide use including proper application equipment and the technique.