

per hectare. 3026 kg per hectare, 649 kg per hectare during 2011-12 (as per 3rd advance estimate of Directorate of Economics & Statistics).

### Regulation of Use of inorganic chemicals

†3127. SHRI DHARMENDRA PRADHAN : Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) The total consumption of agro-chemicals in the country during last three years, year wise;
- (b) whether any assessment has been made regarding the impact of agro-chemicals on targeted insects and subsequent agri-production;
- (c) if so, the details thereof;
- (d) if not, the reasons therefor;
- (e) whether Government has taken/proposes to take steps to regulate the use of inorganic chemicals and to promote the measures of organic insect control mechanisms; and
- (f) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI SRIKANT JENA) : (a) The total consumption of Agro-chemicals/Pesticides during last three years and projected consumption during 2011-12 is as follows:

(MT Technical Grade)	
Year	Indigenous consumption
2008-09	43860
2009-10	41822
2010-11	55540
2011-12	61909 (Projected)

Source: States/UTs, Zonal conference on inputs, as intimated by Department of Agriculture & Cooperation.

(b) to (d) It has been estimated that 10% - 30% loss of crop is due to pest attack and if pesticides are used judiciously, it does control crop loss.

(e) and (f) Yes, Sir. Ministry of Agriculture, Department of Agriculture and Co-operation (DAC) has established 31 Central Integrated Pest Management Centers (CIPMCs) in 28 States and one UT under the scheme "Strengthening and Modernization of Pest Management Approach in India", and the following steps are being taken:

† Original notice of the question was received in Hindi.

- (i) Popularization of Integrated Pest Management approach among farming community;
- (ii) Conducting regular pest surveillance and monitoring to assess pest/ disease situation;
- (iii) Rearing biological control agents for their use and conservation of naturally occurring bio-agents;
- (iv) Promotion of Bio-pesticides and neem based pesticides as alternative to chemical pesticides;
- (v) To play a catalytic role in spread of innovative IPM skills to extension workers, land farmers equally to resource-poor and resource- rich states;
- (vi) Human Resource Development in IPM by imparting training to master trainers, extension workers and farmers through Farmers Field Schools (FFSs), in collaboration with Krishi Vigyan Kendras / State Agriculture Universities/Indian Council of Agriculture Research Institutes;
- (vii) Organization of Season Long Training (SLT) Programmes on major agricultural/ Horticultural crops for Extension workers of the States Govts;
- (viii) Short duration courses for pesticides dealers/ NGOs/ entrepreneurs/ students.

#### **Suicide by farmers**

†3128. SHRI DHARMENDRA PRADHAN : Will the Minister of AGRICULTURE be pleased to state:

- (a) whether it is a fact that despite the rehabilitation package, there is sharp rise in suicide cases committed by farmers in different parts of the country and some new States have also been added in this list:
- (b) if so, the details of information received by Government during the last three years. State-wise and Year-wise:
- (c) whether Government is contemplating to take some special initiative in the interest of farmers in order to dissuade them to take such extreme step: and
- (d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT) : (a) No, Sir. Since implementation of Rehabilitation Package in

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