GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

**RAJYA SABHA**

**STARRED QUESTION NO. 130**

TO BE ANSWERED ON 29/11/2019

**USE OF CHEMICALS AND FERTILIZERS IN AGRICULTURE**

\*130. SHRI SANJAY SINGH:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) the details of use of fertilizers and chemicals in agriculture;

(b) the steps taken for control of their use, if any; and

(c) the plan to increase the use of natural manures?

**ANSWER**

###### MINISTER OF AGRICULTURE AND FARMERS WELFARE

( **SHRI NARENDRA SINGH TOMAR** )

(a) to (c): A statement is laid on the Table of the House.

**STATEMENT IN RESPECT OF PARTS (a) TO (c) OF THE RAJYA SABHA STARRED QUESTION NO. 130 FOR 29.11.2019 REGARDING USE OF CHEMICALS AND FERTILIZERS IN AGRICULTURE.**

(a) to (c): Under the Fertiliser ( Control) Order, 1985, 170 fertilisers have been notified under various categories such as Straight nitrogenous fertilisers , Straight Phosphatic fertilizers, Straight Potassic fertilisers, Micronutrient fertiliser, NP and NPK complex fertiliser, fortified fertiliser , Beneficial element fertiliser 100 % water soluble complex, and mixture of fertiliser, Customised fertiliser, Biofertiliser, Organic fertiliser and non edible deoiled cake.

The total consumption of the major fertilizers namely Urea, Di-ammonium Phosphate, Muriate of Potash, Complex and Single Super Phosphate during last three years and the current year is as under:

|  |  |
| --- | --- |
| Year | Consumption (in LMT) |
| 2016-17 | 536.11 |
| 2017-18 | 543.82 |
| 2018-19 | 562.09 |
| 2019-20\* | 349.36 |

\*Estimated sales upto October, 2019

There are 939 pesticides listed in schedule of the Insecticides Act, 1968. Till date, 292 technical and 736 formulations are registered as pesticides for use in the Country.

Government of India has been promoting soil test based Integrated Nutrient Management (INM) i.e. balanced and judicious use of fertilisers through Soil Health Card scheme since 2014-15. Soil health cards provide information to farmers on nutrient status of their soil along with crop wise recommendation on appropriate dosage of nutrients to be applied for improving soil health and fertility.

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The concept of Integrated Pest Management i.e. biological, cultural and mechanical methods of pest control has also been promoted through Central Integrated Pest Management Centres (CIPMCs) across the country .These Central IPM centres educate the farmers about judicious use of chemical pesticides and recommend the use as per the directions prescribed on the label claim and leaflets and as last resort.

Government of India has been promoting the production and use of organic fertilizers / natural manures under various programmes such as Capital Investment Subsidy Scheme (CISS),Paramparagat Krishi Vikas Yojana (PKVY), and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER).

Market Development Assistance @ Rs. 1500/- per metric ton (MT) has also been provided to Fertiliser Companies for sale of City Compost.

Indian Council of Agricultural Research (ICAR) has developed improved technology for preparation of bio-enriched compost, vermin compost, city compost, bio-gas slurry manure etc. from various rural, urban and agro-industrial bio-wastes.

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