

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 2715
TO BE ANSWERED ON THE 2ND AUGUST, 2022

PRODUCTION AND USE OF ORGANIC MANURE

2715. SHRI SATYADEV PACHAURI:
SHRI AJAY NISHAD:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether the Government proposes to encourage the production and use of organic manure and biofertilizers, if so, the details thereof;
- (b) the names of the non-chemical organic fertilizers which are produced and marked and the names of existing support systems in the country;
- (c) whether the Government proposes to bring such organic fertilizers under the Nutrient Based Subsidy Scheme; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a): Government is encouraging farmers for production and use of organic manures and bio-fertilizers through various schemes as given below:

Paramparagat Krishi Vikas Yojana (PKVY): Under the scheme farmers are provided subsidy of Rs 31000/ ha / 3 years for organic inputs including bio-fertilizers..

Mission Organic Value Chain Development for North Eastern Region (MOVCDNER): Under the scheme farmers are provided Rs 32500/ ha/ 3 years for various organic inputs including bio- fertilizers.

Soil Health Management (SHM): Under Soil Health Management (SHM) schemes, financial assistance is provided @ Rs. 160.00 lakh for establishing new bio fertilizer unit

(200 MT/ 50000 litre capacity). 15 bio-fertilizer production units have been established under SHM so far.

National Mission on Oilseeds and Oil Palm (NMOOP): Financial assistance @ 50% subsidy to the tune of Rs. 300/- per ha is being provided for different components including bio-fertilizers, supply of Rhizobium culture/Phosphate Solubilising Bacteria (PSB)/ Zinc Solubilising Bacteria(ZSB)/ Azotobacter/ Mycorrhiza and vermi compost

National Food Security Mission (NFSM): Under NFSM, financial assistance is provided for promotion of Bio-Fertilizer (Rhizobium/ PSB) @50% of the cost limited to Rs.300 per ha.

Indian Council of Agricultural Research: To promote greater use of organic and bio-fertilizers, the ICAR has developed improved and efficient strains of biofertilizers specific to different crops and soil types under Network project on **Soil Biodiversity- Bio-fertilizers**. Liquid Bio-fertilizer technology with higher shelf-life has also been developed. The bio-fertilizers - inexpensive and eco-friendly source of nutrients are important component of Integrated Nutrient Management.

Besides, the Council has developed technology to prepare various types of organic manures such as phosphocompost, vermincompost, bio-enriched compost, municipal solid waste compost, etc. from various organic wastes. These fertilizers have been tested scientifically in ICAR institutions and SAUs on various crops and soil types and found suitable for improving soil health and crop productivity. The ICAR also imparts training to educate farmers on all these aspects.

(b) to (d): The names of various bio-fertilizer produced and marketed in the country are Rhizobium, Azotobacter, Azospirillum, Phosphate Solubilising Bacteria, Mycorrhizal Biofertilisers, Potassium Mobilizing Biofertilizers (KMB) Zinc Solubilizing Biofertilizers (ZSB) Acetobacter, Carrier Based Consortia, Liquid Consortia, and Phosphate Solubilizing Fungus Bio-fertilizer.

Different organic fertilizers produced and marketed are city compost, vermicompost, compost Deoiled cake, Phosphorus Rich Organic Manure (PROM), City compost, organic manure, Bone meal raw, Bone meal steamed, Postash derived from Rhodophytes, Fermented Organic manure, liquid Fermented Organic manure and Bio-enriched Organic Manure under the Fertilizer Control Order (FCO),1985.

Government is implementing dedicated schemes Paramparagat Krishi Vikas Yojana (PKVY) and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) since 2015-16 for promotion of organic farming in the country which encourages use of organic and bio fertilizer. Financial assistance is provided for promoting use of bio and organic fertilizer @ Rs. 31,000/ha under Paramparagat Krishi Vikas Yojana (PKVY) and @ Rs. 32000/ha under Mission Organic Value Chain Development for North Eastern Region (MOVCDNER).
