

GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS & FERTILIZERS
DEPARTMENT OF FERTILIZERS
RAJYA SABHA

STARRED QUESTION NO. 85* TO BE ANSWERED ON: 30.07.2024

PROMOTION OF ORGANIC FERTILISERS IN THE COUNTRY

85. SHRI SANDOSH KUMAR. P :

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

- (a) the details of Government policy to promote organic fertilizers in the country;
- (b) the production of organic fertilizers in the country, State-wise;
- (c) the use of organic fertilizers in the country, State-wise; and
- (d) the impact of the use of organic fertilizers on yield and productivity?

ANSWER

MINISTER FOR CHEMICALS & FERTILIZERS AND HEALTH & FAMILY WELFARE
(SHRI JAGAT PRAKASH NADDA)

(a) to (d): A statement is laid on the table of the House.

STATEMENT REFERRED TO IN REPLY TO RAJYA SABHA STARRED QUESTION NO. 85* FOR 30.07.2024 REGARDING – “PROMOTION OF ORGANIC FERTILISERS IN THE COUNTRY”.

Government has been promoting use of organic & bio-fertilizers under various schemes viz. Paramparagat Krishi Vikas Yojana (PKVY), Bhartiya Prakritik Krishi Paddhati (BPKP), Mission Organic Value Chain Development for North-East Region (MOVCDNER) and National Project on Organic Farming (NPOF). Under these schemes, farmers are encouraged to take up organic cultivation using organic inputs and the schemes provide end to end support to the farmers, i.e. from production to marketing of organic produce. Hands-on training to farmers about on-farm production of organic fertilizers and its use are integral part of these schemes. Farmers are provided a subsidy of Rs. 15,000/ha/3 years each under PKVY and MOVCDNER to make available organic inputs including bio-fertilizers and organic manure at affordable prices to the farmers.

Under Soil Health Card (SHC)/Soil Health Management (SHM) scheme Government is promoting Integrated Nutrient Management (INM) through judicious use of chemical fertilizers in conjunction with bio-fertilizers and organic manures for improving soil health and fertility.

National Project on Organic Farming (NPOF) is implemented under umbrella of Krishi Unnati Yojana's National Mission for Sustainable Agriculture (NMSA) through National Centre of Organic Farming (NCOF) with mandate to promote chemical-free farming that requires the use of bio/organic fertilizers.

Government has been providing assistance of ₹1,500/MT under the Market Development Assistance (MDA) scheme to promote marketing of organic fertilizers viz., Fermented Organic Manure (FOM), Liquid FOM, Phosphate Rich Organic Manure (PROM) produced at CBG/BG plants under GOBARdhan initiative. The scheme has a total outlay of ₹1,451.84 crore (FY 2023-24 to 2025-26), which includes a corpus of ₹360 crore for research gap funding etc.

Under MDA scheme, Fertilizer Companies have signed 31 Memoranda of Understanding (MoUs) with CBG plants for marketing of FOM, LFOM & PROM. So far, 2.98 Lakh Metric Ton of these organic fertilizers have been sold in total.

The State-wise production/consumption of Organic Fertilizers in India during 2022-23 is at **Annexure**.

Under All India Network Programme on Organic Farming (AI-NPOF) of Indian Council of Agricultural Research (ICAR), the evaluation of combined use of organic fertilizers, such as farm yard manure, composts (vermicompost, enriched composts etc.), bio-fertilizers and non-edible oilcakes is found to increase yield in certain crops like Soybean and desi cotton (*Gossypium arboreum*) by 1-8% in rainfed areas.

As per information provided by ICAR, Bio-fertilizers improved crop yields by 10-25% in different crops and therefore supplement costly chemical fertilizers (nitrogen and phosphorus) by nearly 20-25% in most of the cases when used along with chemical fertilizers. When bio-fertilizers are applied along with compost @ 5t/ha or vermi-compost @ 4t/ha, fertilizer saving will be upto 50%. Therefore, ICAR recommends integrated use of fertilizers and organic manures.

Annexure**State-wise production/consumption of Organic Fertilizers in India during 2022-23**

S. No.	State	Total Organic Fertilizer in MT
1	Andhra Pradesh	2,72,572.13
2	Arunachal Pradesh	0
3	Assam	43,773.20
4	Bihar	53,256.38
5	Chhattisgarh	0
6	Delhi	0
7	Goa	11,221.37
8	Gujarat	2,78,036.86
9	Haryana	71,179.412
10	Himachal Pradesh	32.7965
11	Jammu & Kashmir	3,250.48
12	Jharkhand	0
13	Karnataka	22,78,241
14	Kerala	13,560.189
15	Madhya Pradesh	84,598.05
16	Maharashtra	2,37,843.28
17	Manipur	0
18	Meghalaya	0
19	Mizoram	0
20	Nagaland	0
21	Odisha	14,763.90
22	Punjab	7,407.06
23	Rajasthan	50,477.00
24	Sikkim	0
25	Tamil Nadu	2,31,522.00
26	Telangana	28,788.03
27	Tripura	946.81
28	Uttar Pradesh	74,799.23
29	Uttarakhand	7,440.451
30	West Bengal	6,704.806
31	Chandigarh	0
32	Puducherry	2,470.00
	Total	37,72,884.40
