

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

RAJYA SABHA
UNSTARRED QUESTION NO. 3203
TO BE ANSWERED ON 28/03/2025

PRODUCTION OF ORGANIC FERTILIZERS

3203. SHRI C. VE. SHANMUGAM:

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

- (a) whether it is a fact that there are severe health hazards due to the use of chemical fertilizers;
- (b) if so, the details thereof;
- (c) whether Government is considering to build exclusive organic farming villages;
- (d) if so, the details thereof;
- (e) the details of the domestic production of organic fertilizers during the last three years and the current year, State-wise; and
- (f) the steps taken by Government to increase the domestic production of organic fertilizers?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

(SHRI RAMNATH THAKUR)

(a) to (d): Government has been promoting organic farming through Paramparagat Krishi Vikas Yojana (PKVY) in all the States/UTs except north eastern States and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER). Both schemes stress on end-to-end support to farmers engaged in organic farming i.e. from production to processing, certification and marketing and post-harvest management.

PKVY is being implemented in a cluster mode through States. Each cluster has farmer groups having area of 20 ha. Under PKVY, assistance of Rs.31,500/ha over 3 years is provided for promotion of organic farming to cover different components like training, PGS Certification, value addition, marketing and publicity. Out of this, assistance of Rs.15,000 per ha over three years is provided to farmers through DBT for on- farm /off –farm organic inputs.

Under MOVCDNER scheme, assistance of Rs.46,500/ha over 3 years is provided for creation of FPOs, support to farmers for organic inputs, quality seeds/ planting material and training, hand holding and certification. Out of this, the assistance of Rs.15,000 per ha over 3 years is given as DBT is provided to farmers for on- farm /off –farm organic inputs and Rs.17,500 for the planting material.

Large Area Certification (LAC) programme under PKVY scheme, through Participatory Guarantee System (PGS) - India certification, certifies large traditional areas to build exclusive organic farming villages. Under LAC, each village in the area is considered as one cluster and assistance of Rs.6000/ha over 3 years is provided for certification.

The schemes are being implemented in contiguous areas, to ensure that large areas of farm are covered under organic cultivation.

(e): State wise domestic production of organic fertilizers is not maintained centrally. However, data collected by National Center of Organic and Natural Farming (NCONF) for last 3 years is at **Annexure**.

(f): To increase domestic production of organic fertilizers, a new component, “development of Biofertilizers network production units” has been included under PKVY. Galvanizing Organic Bio Agro Resources Dhan (GOBARDhan) scheme of Department of Drinking Water and Sanitation supports Market Development Assistance (MDA) for Liquid Fermented Organic Manure (LFOM)/ Fermented Organic Manure (FOM) produced as by product of the Compressed Bio Gas plants. MDA supports consumption of organic manure by the farmers. Further, Government is also promoting Integrated Nutrient Management, which includes the use of organic manure as well as biofertilizers along with conventional synthetics fertilizers under Soil Health scheme.

NCONF and its Regional Center of Organic and Natural Farming (RCONF) located at Ghaziabad, Nagpur, Bangalore, Imphal and Bhubaneswar are organizing various trainings on organic and natural farming as well as on- farm production, use of various kinds of organic and bio-fertilizers and online awareness campaign.

Indian Council of Agricultural Research (ICAR) has developed improved technologies to prepare various types of organic manures such as phosphocompost, vermi-compost, municipal solid waste compost, etc. from organic wastes and such technologies are being disseminated to farmers through training and demonstration. In order to promote biofertilizers use ICAR has developed improved strains of biofertilizers specific to different crops and soil types. Liquid Biofertilizer technology with higher shelf-life has also been developed.

Annexure

Details of production of Organic Fertilizers during Year 2021-22 (in Metric Tons)

Sl. No.	State	2021-22 (in Metric Tons)	2022-23 (in Metric Tons)	2023-24 (in Metric Tons)
1	Andhra Pradesh	25006	272572	1858652
2	Assam	130704	43773	125812
3	Bihar	47861	53256	22500
4	Chhattisgarh	2166	-	78402
5	Delhi	27657	-	-
6	Gujarat	390309	278037	257822
7	Haryana	180299	71179	74223
8	Himachal Pradesh	18	33	4520
9	Jammu & Kashmir	5314508	3250	85240
10	Karnataka	38089359	2278241	2286649
11	Kerala	38250	13560	-
12	Madhya Pradesh	94254	84598	1388205
13	Maharashtra	231305	237843	343171
14	Manipur	150	-	150
15	Meghalaya	13518	-	-
16	Mizoram	58	-	-
17	Nagaland	68351	-	-
18	Odisha	37116	14764	-
19	Punjab	473	7407	3088335
20	Rajasthan	18330	50477	52220
21	Tamil Nadu	60117	231522	2134453
22	Telangana	27695	28788	-
23	Uttar Pradesh	139426	74799	802262
24	Uttarakhand	6961	7440	10750
25	West Bengal	6664	6705	-
26	Puducherry	130	2470	-
27	Tripura	-	947	1022
28	Goa	-	11221	-
29	Jharkhand	-	-	32831
30	Ladakh	-	-	13681
	Grand Total	4,49,50,685	37,72,884	12,66,090

Source: NCONF/State Governments
