

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

**LOK SABHA**  
**STARRED QUESTION NO. 119**  
TO BE ANSWERED ON THE 03<sup>RD</sup> DECEMBER, 2024

**DOMESTIC PRODUCTION OF ORGANIC FERTILIZERS**

\*119. SHRI AJAY KUMAR MANDAL:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण  
मंत्री

be pleased to state:

- (a) whether the Government is considering to build exclusive organic farming villages as a remedy to the health hazards of chemicals and fertilizers, if so, the details thereof;
- (b) the details about the domestic production of organic fertilizers during the last three years and the current year, State-wise; and
- (c) the steps taken by the Government to increase the domestic production of organic fertilizers?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI SHIVRAJ SINGH CHOUHAN)

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

**STATEMENT IN RESPECT OF PARTS (a) TO (c) OF THE LOK SABHA STARRED QUESTION NO. 119 DUE FOR ANSWER ON 03<sup>RD</sup> DECEMBER, 2024 REGARDING “PRODUCTION ORGANIC FERTILIZERS”.**

(a): Government has been promoting organic farming on priority in the country through Paramparagat Krishi Vikas Yojana (PKVY) in all the States/UTs 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 by State Governments. A group of farmers having a total area of 20 ha is considered as a cluster. Under PKVY, assistance of Rs. 31,500 per ha for a period of three years is provided for promotion of organic farming to cover different components like training & capacity building, data management, PGS Certification, value addition, marketing and publicity. Out of this, the assistance of Rs. 15,000 per ha for a period of three years is provided to farmers through DBT for on- farm /off –farm organic inputs.

Under MOVCDNER scheme, assistance of Rs. 46,500/ha for 3 years is provided for creation of FPO, 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 for 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/group and assistance of Rs. 6000/ha for 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.

(b): State-wise details about the domestic production of bio-fertilizers and organic fertilizers, as received from various State Governments during the last three years along with the current year (Year – wise) is attached as **Annexure – I, II, III, IV, V & VI**. Domestic production of organic fertilizers during the last three years is as under:

<b>Year</b>	<b>Carrier based (MT)</b>	<b>Liquid based (KL)</b>
<b>2021-22</b>	169379	232934
<b>2022-23</b>	313490	148195
<b>2023-24</b>	224197	86163
<b>Total</b>	<b>707066</b>	<b>467292</b>

(c): To increase domestic production of organic fertilizers, a new component, “development of Biofertilizers network production units” has been included under Rashtriya Krishi Vikash Yojana. Under phase – II of Swachh Bharat Mission (SBM), the LFOM/FOM produced by the Compressed Bio Gas plants is being provided with Market Development Assistance (MDA) @ Rs 1500/MT for Fermented Organic Manure (FOM), Liquid Organic Manure (LOM) and Phosphate Rich Organic Manure (PROM) to boost production. 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.

National Center of Organic and Natural Farming (NCONF) and its Regional Center of Organic and Natural Farming (RCONF) located at Ghaziabad, Nagpur, Bangalore, Imphal and Bhubaneswar are organizing various HRD 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 and training programmes.

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 and efficient strains of biofertilizers specific to different crops and soil types. Liquid Biofertilizer technology with higher shelf-life has also been developed.

## Annexure-I

**Details of production of Bio-fertilizers (Carrier & Liquid Based formulations)  
during 2021-22**

Sl. No.	State	Year 2021-22	
		Carrier based (Metric tons)	Liquid based (Kilo litres)
1.	Andhra Pradesh	354	63
2.	Karnataka	1511	1368
3.	Kerala	127	661
4.	Puducherry	90	6
5.	Tamil Nadu	NA	1109
6.	Telangana	290	105
7.	Chhattisgarh	10	103
8.	Gujarat	24772	8030
9.	Goa	124	NA
10.	Madhya Pradesh	6585	84200
11.	Maharashtra	7453	4681
12.	Delhi	173	NA
13.	Haryana	99810	108982
14.	Himachal Pradesh	120	137
15.	Jammu & Kashmir	1	3
16.	Punjab	3064	86
17.	Uttar Pradesh	132	0
18.	Uttarakhand	3476	567
19.	Bihar	6546	NA
20.	Odisha	13368	201
21.	West Bengal	703	12
22.	Assam	525	22582
23.	Manipur	22	25
24.	Mizoram	1	NA
25.	Nagaland	6	NA
26.	Sikkim	NA	11
27.	Tripura	117	2
	<b>Grand Total</b>	<b>169379</b>	<b>232934</b>

## Annexure-II

**Details of production of Bio-fertilizers (Carrier & Liquid Based formulations)  
during 2022-23**

Sl. No.	State	Year 2022-23	
		Carrier based (Metric tons)	Liquid based (Kilo litres)
1	Andhra Pradesh	105	41
2	Karnataka	1457	1692
3	Kerala	57	NA
4	Puducherry	90	8
5	Tamil Nadu	133205	1209
6	Telangana	3453	5195
7	Chhattisgarh	374	212
8	Gujarat	67227	112040
9	Goa	297	NA
10	Madhya Pradesh	6636	18340
11	Maharashtra	7820	5111
12	Haryana	61727	1749
13	Himachal Pradesh	46	34
14	Jammu & Kashmir	NA	3
15	Punjab	417	2368
16	Uttar Pradesh	22663	NA
17	Uttarakhand	3447	646
18	Bihar	1144	867
19	Odisha	320	78
20	West Bengal	1034	7
21	Assam	427	136450
22	Tripura	1388	167
	<b>Grand Total</b>	<b>313490</b>	<b>148195</b>

**Annexure-III****Details of production of Bio-fertilizers (Carrier & Liquid Based formulations) during 2023-24**

Sl. No.	State	Year 2023-24	
		Carrier based (Metric tons)	Liquid based (Kilo litres)
1	Andhra Pradesh	92	91
2	Karnataka	1687	1787
3	Kerala	2293	NA
4	Tamil Nadu	2334	1237
5	Chhattisgarh	271	132
6	Gujarat	138617	NA
7	Madhya Pradesh	32011	20099
8	Maharashtra	7331	11818
9	Rajasthan	24219	3807
10	Haryana	10337	1925
11	Himachal Pradesh	55	31
12	Jammu & Kashmir	NA	6
13	Punjab	15200	315
14	Uttar Pradesh	14869	496
15	Uttarakhand	3352	756
16	Bihar	2816	NA
17	Jharkhand	3	NA
18	Assam	109	22
19	Manipur	13	20
20	Meghalaya	NA	3
21	Tripura	597	103
	<b>Grand Total</b>	<b>256208</b>	<b>106262</b>

**Details of production of Bio-fertilizers (Carrier & Liquid Based formulations) during current year**

Sl. No.	State	2024-25 (Till Oct. 2024)	
		Carrier based (Metric tons)	Liquid based (Kilo litres)
1	Andhra Pradesh	57.5058	41.3723
2	Chhattisgarh	270.71	127.16
3	Madhya Pradesh	25427	13513
4	Punjab	0	22
5	Uttar Pradesh	11800	600
	<b>Grand Total</b>	<b>37555.2</b>	<b>14303.5</b>

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

<b>Sl. No.</b>	<b>State</b>	<b>2021-22 (in (in Metric Tons)</b>
1	Andhra Pradesh	25006
2	Assam	130704
3	Bihar	47861
4	Chhattisgarh	2166
5	Delhi	27657
6	Gujarat	390309
7	Haryana	180299
8	Himachal Pradesh	18
9	Jammu & Kashmir	5314508
10	Karnataka	38089359
11	Kerala	38250
12	Madhya Pradesh	94254
13	Maharashtra	231305
14	Manipur	150
15	Meghalaya	13518
16	Mizoram	58
17	Nagaland	68351
18	Odisha	37116
19	Punjab	473
20	Rajasthan	18330
21	Tamil Nadu	60117
22	Telangana	27695
23	Uttar Pradesh	139426
24	Uttarakhand	6961
25	West Bengal	6664
26	Puducherry	130
	<b>Grand Total</b>	<b>44950685</b>

## Details of production of Organic Fertilizers during Year 2022-23

Sl. No.	State	2022-23 (in (in Metric Tons)
1	Andhra Pradesh	272572
2	Assam	43773
3	Bihar	53256
4	Goa	11221
5	Gujarat	278037
6	Haryana	71179
7	Himachal Pradesh	33
8	Jammu & Kashmir	3250
9	Karnataka	2278241
10	Kerala	13560
11	Madhya Pradesh	84598
12	Maharashtra	237843
13	Odisha	14764
14	Punjab	7407
15	Rajasthan	50477
16	Tamil Nadu	231522
17	Telangana	28788
18	Tripura	947
19	Uttar Pradesh	74799
20	Uttarakhand	7440
21	West Bengal	6705
22	Puducherry	2470
	<b>Grand Total</b>	<b>3772884</b>



## Details of production of Organic Fertilizers during Year 2023-24

Sl. No.	State	2023-24 (in Metric Tons)
1	Andhra Pradesh	1858652
2	Assam	125812
3	Bihar	22500
4	Chhattisgarh	78402
5	Gujarat	257822
6	Haryana	74223
7	Himachal Pradesh	4520
8	Jammu & Kashmir	85240
9	Jharkhand	32831
10	Karnataka	2286649
11	Madhya Pradesh	1388205
12	Maharashtra	343171
13	Manipur	150
14	Punjab	3088335
15	Rajasthan	52220
16	Tamil Nadu	2134453
17	Tripura	1022
18	Uttar Pradesh	802262
19	Uttarakhand	10750
20	Ladakh	13681
	<b>Grand Total</b>	<b>12660900</b>

## Details of production of Organic Fertilizers in last three years during FY 2024-25 (till Oct. 2024) in Metric Tons

Sl. No.	State	2024-25 (till Oct. 24) (in Metric Tons)
1	Andhra Pradesh	1098912
2	Madhya Pradesh	188938
3	Odisha	45790
4	Punjab	2021010
5	Uttar Pradesh	481356
	<b>Grand Total</b>	<b>3836006</b>

Source: NCONF/State Governments

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