

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

LOK SABHA
UNSTARRED QUESTION NO. 840
TO BE ANSWERED ON THE 7TH FEBRUARY, 2023
PROMOTION OF NATURAL AND ORGANIC FARMING

840. SHRIMATI RANJANBEN DHANANJAY BHATT:
SHRI ANUMULA REVANTH REDDY:
SHRI DHARAMBIR SINGH:
SHRI PARTHIBAN S.R.:
SHRI NIHAL CHAND:
DR. RAMESH POKHRIYAL "NISHANK":
SHRIMATI JASKAUR MEENA

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

- (a) the salient features of organic and natural farming;
- (b) the details of funds sanctioned, allocated and utilized under it so far within the country, State/UT-wise including Rajasthan and Tamil Nadu;
- (c) whether the Government proposes to formulate any scheme to promote chemical fertilizer free farming and organic farming in view of the increasing cost and diseases, if so, the details thereof and if not, the reasons therefor;
- (d) the details of achievements made under this till date in the country and the organic agricultural products exported during last three years;
- (e) whether the demand for the same has increased all over the world and if so, the details thereof and the steps being taken by the Government to meet the growing demand and providing marketing facilities in the country;
- (f) the area coming under organic farming in the Himalayan regions and the steps taken by the Government for promoting the organic farming in the said regions during the last five years; and
- (g) whether the Union Government is working on any alternative scheme to reduce the excessive consumption of urea in the country and if so, the details thereof?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

- (a): Salient features of organic and natural farming are as under:

Organic Farming-

- “National Standard of Organic Production (NSOP) has defined organic agriculture as “a system of farm design and management to create an ecosystem which can achieve sustainable productivity without use of artificial off farm input such as chemical fertilizer and pesticides. Organic Farming is open to use of off-farm purchased organic and biological inputs and need based soil correction through natural mined minerals

Natural farming –

- Natural Farming is an ecological farming system based on on- farm resource management and on-farm biomass recycling with major stress on biomass mulching, use of cow dung-urine formulations and other plant based preparations. It excludes all external inputs (organic & inorganic), and hence reduce cost of cultivation.

(b): The State/UTs – wise including Rajasthan and Tamil Nadu details of allocation, release and utilization under Paramparagat Krishi Vikas Yojana (PKVY) and Mission Organic Value Chain Development in North East Region (MOVCDNER) schemes for promotion of natural and organic farming is given at **Annexure- I**.

(c): Bhartiya Prakritik Krishi Padhati (BPKP), under Paramparagat Krishi Vikas Yojana (PKVY) is being implemented since 2020-21 to promote traditional indigenous practices including natural farming. The scheme mainly emphasizes on exclusion of all synthetic chemical inputs and promotes on-farm biomass recycling with major stress on biomass mulching, use of cow dung-urine formulations and other plant based preparations. Under BPKP, financial assistance of Rs 12200/ha for 3 years is provided for cluster formation, capacity building and continuous handholding by trained personnel, certification and residue analysis.

Government is implementing schemes of Paramparagat Krishi Vikas Yojana (PKVY) and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) since 2015-16. PKVY is being implemented in all the States across the country other-than North Eastern (NE) States. MOVCDNER scheme is being implemented exclusively in the NE States. Under these schemes, farmers are encouraged to adopt organic cultivation and are provided end to end support from production to marketing of organic produce.

Under PKVY, farmers are provided financial assistance of Rs 50000/ha for 3 years out of which, Rs 31000/ ha / 3 years is provided as incentives directly to farmers through DBT for on-farm and off-farm organic inputs. Whereas, under MOVCDNER, an assistance of Rs. 46,575/ha for 3years is provided for creation of FPO, support to farmers for organic inputs, quality seeds/ planting material and training, hand holding and certification, out of which Rs. 32,500/ ha for 3years is provided as incentives to farmers for off-farm and on-farm organic inputs.

(d): Achievements made under PKVY scheme since 2015-16

- Total funds released INR 1674.82 crore
- Total 6.53 lakh ha area has been covered
- 16.19 lakh farmers have been benefitted in 32384 clusters in both phases.
- In addition to above organic farming in 1.23 lakh ha area under Namami Gange Program.
- Under natural farming (BPKP) fund released for 4.09 lakh ha area.
- 8 States namely Madhya Pradesh, Uttarakhand, Tamil Nadu, Jharkhand, Maharashtra, Punjab, Chhattisgarh and Tripura have developed their own brands for organic products.

Achievements made under MOVCDNER scheme since 2015-16

- Total funds released INR 878.17 crore
- 379 FPO/FPCs created covering 189039 farmers and 172966 ha area
- 367 Collection, Aggregation, Grading units, Custom Hiring Centres, 74 processing and pack house entities created under FPO/FPCs and private ownership
- 124 transportation vehicles provided to FPO/FPCs
- 8 NE states developed their own brands for organic products

The organic agricultural products exported during last 3 years

S. No.	Year	Exported Qty (In MT)	Value (In Crore)	Value (In USD Million)
1	2021-22	460320	5249.32	771.96
2	2020-21	888179	7078.50	1040.96
3	2019-20	638998	4686.00	689.10

(Source: APEDA)

(e): As per latest report published by International Federation of Organic Agriculture Movement (IFOAM) Germany and FiBL Switzerland in 2022, the Global Organic Market has been growing at a Compounded Annual Growth Rate (CAGR) of 8.7 % during last six years (2015-2020). In value terms, the market size has grown from US \$ 84 billion in 2015 to US \$ 129 billion in 2020 suggesting that the demand of organic products has increased all over the world.

Under PKVY assistance is provided @ Rs. 15.0 lakh / 1000 ha cluster for 3 years facilitate farmers for direct marketing of their organic products to the buyers. In addition, assistance is provided @ Rs. 53.0 lakh /1000 ha clusters for 3 years for branding, publicity, exhibition, trade fairs and other marketing initiatives to support direct buying of organic products from farmers. Under MOVCDNER, there is provision of assistance of Rs. 25.0 lakh/ FPO/FPC of 500 farmers for 3 years for marketing of certified organic products. Moreover, to promote direct marketing of organic products from the farmers to the end consumers, a dedicated web portal- www.Jaivikkheti.in/ has been created as online marketing platform to get a better price for organic products.

(f): The area under organic farming in the Himalayan region States during 2021-22:

S.NO.	State Name	Total area (in ha)
1	Uttarakhand	89,670.88
2	Sikkim	75,475.28
3	Jammu & Kashmir	30,675.58
4	Meghalaya	27,508.74
5	Mizoram	19,038.89
6	Assam	18,102.94
7	Manipur	14,628.42
8	Nagaland	14,269.27
9	Arunachal Pradesh	12,636.64
10	Tripura	12,081.63
11	Himachal Pradesh	11,160.55
12	West Bengal	7,280.37
13	Ladakh	817.85
Total		333,347.04

Government is implementing PKVY scheme for promoting organic farming in the Himalayan region States of Ladakh, Jammu & Kashmir, Himachal Pradesh, Uttarakhand and West Bengal whereas Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) is being implemented for Organic Farming in all the North Eastern States of since 2015-16. Under these schemes, farmers are assisted for organic cultivation and are provided end to end support from production to marketing of organic produce.

(g): For reducing excessive consumption of urea, under Soil Health Card (SHC)/ Soil Health Management (SHM) schemes 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, fertility and productivity. Under PKVY & MOVCDNER scheme organic manure and bio-fertilizers are used for organic farming which reduces the consumption of chemical fertilizers including urea.

Annexure – I

State-wise allocation, released & utilize under PKVY & MOVCNDR schemes since 2015-16 to 2022-23 (As on 31.01.23) (Rs in lakh)

S. No.	Name of the State	PKVY*			MOVCNDR**		
		Allocation	Release	Utilize	Allocation	Release	Utilize
1	Andhra Pradesh	38934.34	31721.49	21716.66	0.00	0.00	0.00
2	Bihar	10459.94	2922.40	2509.82	0.00	0.00	0.00
3	Chhattisgarh	16167.62	6006.42	4582.61	0.00	0.00	0.00
4	Gujarat	967.47	1094.12	680.29	0.00	0.00	0.00
5	Goa	4121.34	504.90	152.05	0.00	0.00	0.00
6	Haryana	211.95	104.56	25.20	0.00	0.00	0.00
7	Jharkhand	8822.75	2682.42	1775.05	0.00	0.00	0.00
8	Karnataka	9084.15	4483.81	4359.42	0.00	0.00	0.00
9	Kerala	12317.27	4576.73	2804.14	0.00	0.00	0.00
10	Madhya Pradesh	38844.83	13380.63	10650.49	0.00	0.00	0.00
11	Maharashtra	14367.01	9685.85	9321.52	0.00	0.00	0.00
12	Odisha	9529.82	7737.88	7254.95	0.00	0.00	0.00
13	Punjab	3140.39	2685.05	881.26	0.00	0.00	0.00
14	Rajasthan	43573.81	15616.26	13102.89	0.00	0.00	0.00
15	Tamil Nadu	3091.05	2274.35	2046.73	0.00	0.00	0.00
16	Telangana	7628.30	2369.78	1810.30	0.00	0.00	0.00
17	Uttar Pradesh	32000.74	12604.66	9003.33	0.00	0.00	0.00
18	West Bengal	1642.55	1259.57	678.90	0.00	0.00	0.00
19	Assam	3204.97	3012.55	2380.41	16384.69	7697.54	7683.87
20	Arunachal Pradesh	288.96	234.56	132.49	14741.41	12104.28	11086.84
21	Mizoram	492.80	469.61	439.67	12219.79	7699.55	6747.01
22	Manipur	438.44	163.46	107.07	24172.59	22209.96	22115.03
23	Nagaland	356.90	333.72	290.73	16290.45	13629.57	12934.27
24	Sikkim	2069.19	1848.88	904.49	18784.82	9622.46	9122.14
25	Tripura	710.23	687.05	607.48	14397.79	7749.05	6607.73
26	Meghalaya	642.28	448.12	303.57	13973.19	5772.61	4781.76
27	Himachal Pradesh	5652.83	3044.52	1920.87	0.00	0.00	0.00
28	Jammu & Kashmir	1065.45	162.76	162.76	0.00	0.00	0.00
29	Uttarakhand	49844.06	36795.78	33493.17	0.00	0.00	0.00
30	Andman & Nicobar	1026.77	130.00	0.00	0.00	0.00	0.00
31	Daman & Diu	830.47	235.55	0.00	0.00	0.00	0.00
32	Dadar Nagar	7549.75	1000.00	0.00	0.00	0.00	0.00
33	Delhi	7549.75	471.45	0.00	0.00	0.00	0.00
34	Puducherry	307.96	28.55	0.00	0.00	0.00	0.00
35	Chandigarh	663.00	77.42	0.00	0.00	0.00	0.00
36	Lakshadweep	1604.21	227.20	0.00	0.00	0.00	0.00
37	Ladakh	2023.43	221.85	0.00	0.00	0.00	0.00
	Total	341226.79	171303.90	134098.33	130964.72	86485.02	81078.65

*PKVY Scheme discontinued in NE States since 2018-19

**MOVCNDR scheme is being implemented in NE States
