

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

LOK SABHA
UNSTARRED QUESTION NO. 3244
TO BE ANSWERED ON THE 7TH AUGUST, 2018

ECOLOGICAL AGRICULTURE PRACTICES

3244. SHRI M.B. RAJESH:

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

- (a) whether the Government is taking up special measures to promote ecological agriculture practices;
- (b) if so, the details thereof;
- (c) whether the Government has any specific interventions to conserve and revive traditional crop diversity and traditional landraces; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

(a) & (b): Realizing the potential and benefits of organic farming particularly in areas like hilly, tribal and also in rainfed areas where utilization of chemical fertilizers and pesticides is relatively lower, Government of India is promoting organic farming in the country through the dedicated schemes of Paramparagat Krishi Vikas Yojana (PKVY) and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) under National Mission for Sustainable Agriculture (NMSA). It aims to promote eco-friendly sustainable chemical free agriculture through a mix of traditional wisdom and modern science. It primarily aims to increase soil fertility and thereby helps in production of healthy food through organic practices. The details of the said Schemes is given at **Annexure I, IA and II and II A.**

(c) & (d): Indian Council of Agriculture Research (ICAR) has developed location specific, cost effective, eco friendly farming practices; namely resource conservation technologies (Zero tillage, laser levelling, bed planting, system of rice intensification, direct seeding of rice), participatory watershed management for rainfed agriculture, conservation agriculture, micro irrigation, integrated water management, soil test based balanced and integrated nutrient management, climate resilient technologies, organic farming and Integrated Farming System keeping in view the farmer's resource availability, traditional indigenous technology knowhow and grassroot farm innovations. Benefits of successful research are being popularized among the farmers throughout the country through KVKs, State extension agencies, etc. Besides, ICAR imparts training, organises Front Line Demonstrations (FLDs) and providing agro-advisories to educate farmers on all these aspects.

In some States viz. Odisha has established gene banks for ex-situ conservation of traditional landraces. 1130 nos. of paddy varieties and 100 non-paddy varieties are preserved in these gene banks.

ANNEXURE I

Parampragat Krishi Vikas Yojana (PKVY) is the first comprehensive scheme launched as a Centrally Sponsored Programme (CSP) since 2015-16, which now has been revised for next 3 years. The scheme is implemented with a 90:10 (Gol: State Govt.) funding pattern in 8 NE states and 3 hilly states of J& K, Himachal Pradesh, and Uttarakhand, 100% in Union Territory and 60:40 funding pattern in remaining states of the country. The new guidelines of the scheme has been uploaded in the website www.agricoop.nic.in/guidelines/integrated-nutrient-management

The scheme PKVY is implemented by the State Government on per hectare basis for 500-1000 hectare area in each cluster. A group of farmers having a total area of 20 hectare as far as possible in contiguous patch within a village. The farmer within a group can avail benefit to a maximum of 2 ha., and the limit of assistance is Rs.50, 000 per ha., out of which 62% i.e., Rs. 31,000 is given as incentives to a farmer for organic conversion, organic inputs, on farm inputs, production infrastructure, etc., shall be provided directly through DBT during the conversion period of 3 years. The target of an area of around 4 lacks ha is proposed to be covered in the 3 years which is double the area covered in last three years.

Status of the Scheme

Total amount allocated for the scheme 2015-2018 is Rs 947 crore and fund released Rs 582.47 crore till date for total 11891 clusters. Under PKVY scheme 237820 hectares of land has been converted into organic farming land and 3,94,550 farmers have been benefited

The details of funds released to States including is given at **Annexure-IA**.

ANNEXURE-I A

Details of the State-wise physical & financial progress report under PKVY schemes being implemented by DAC&FW during 2015-16 to 2017-18													
S. No.	Name of the State	No of clusters	2015-16 (Rs in lakh) 1st year			2016-17 (Rs in lakh) 2nd year		2017-18 (Rs in lakh) 3rd year		2017-18 (Rs in lakh)			Release in 2018-19
			Allocation	Release	Allocation	Release	Allocation	Release	No. of New Clusters	Allocation for new clusters	Release for new clusters		
												Allocation	
1	Andhra Pradesh	433	1854.47	1100.15	1308.50	798.17	759.88	292.93	867	1563.21	363.25	0.00	
2	Bihar	327	1400.49	1050.37	988.17	664.26	573.86	0.00	100	428.28	214.14	0.00	
3	Chhattisgarh	188.00	805.17	603.88	568.12	314.78	329.92	314.16	12.00	51.39	25.70	0.00	
4	Gujarat	100	428.28	178.45	302.19	238.83	175.49	0.00	0	0.00	0.00	0.00	
5	Goa	4	17.13	7.14	12.09	0	7.02	0.00	0	0.00	0.00	0.00	
6	Haryana	20	85.66	53.53	60.44	45.98	35.10	0.00	0	0.00	0.00	0.00	
7	Jharkhand	100	428.28	321.21	302.19	203.14	175.49	0.00	150	642.43	321.21	0.00	
8	Karnataka	545	2334.15	1945.12	1646.96	815.27	956.43	1224.64	0	0.00	0.00	408.21	
9	Kerala	119	509.66	382.22	359.61	0	208.83	307.24	500	2141.42	1070.71	0.00	
10	Madhya Pradesh	880	3768.90	2826.67	2659.31	1787.6	1544.33	1813.94	500	2141.42	1070.71	0.00	
11	Maharashtra	932	3991.61	2598.51	2816.45	2957.59	1635.58	0.00	326	1396.21	698.10	0.00	
12	Odisha	320	1370.51	1027.88	967.02	650.03	561.57	610.60	0	0.00	0.00	0.00	
13	Punjab	50	214.14	160.6	151.10	0	87.75	0.00	200	856.57	428.28	0.00	
14	Rajasthan	755	3233.55	2373.69	2281.56	1491.13	1324.96	0.00	395	1691.72	845.86	0.00	
15	Tamil Nadu	112	479.68	399.73	338.46	207.2644	196.55	194.64	0	0.00	0.00	0.00	
16	Telangana	300	1284.85	1070.71	906.58	448.77	526.47	0.00	390	1670.31	835.15	0.00	
17	Uttar Pradesh	575	2462.64	2052.2	1737.62	1270.64	1009.08	838.58	45	192.73	96.36	0.00	
18	West Bengal	120	513.94	214.14	362.63	393.66	210.59	374.07	0	0.00	0.00	0.00	
19	Assam	220	1413.34	576.39	997.24	0	579.12	1804.19	0	0.00	0.00	0.00	
20	Arunachal Pradesh	19	122.06	51.41	86.13	81.08	50.02	94.50	0	0.00	0.00	0.00	
21	Mizoram	34	218.43	89.08	154.12	138.65	89.50	211.94	0	0.00	0.00	0.00	
22	Manipur	30	192.73	107.07	135.99	0	78.97	48.82	0	0.00	0.00	0.00	
23	Nagaland	24	154.18	154.18	108.79	0	63.18	128.98	0	0.00	0.00	0.00	
24	Sikkim	150	963.64	409.105	679.94	0	394.86	0.00	0	0.00	0.00	656.81	
25	Tripura	50	321.21	133.84	226.65	308.83	131.62	164.81	0	0.00	0.00	0.00	
26	Meghalaya	45	289.09	144.55	203.98	296	118.46	0.00	0	0.00	0.00	0.00	
27	Himachal Pradesh	110	706.67	395	498.62	0	289.56	797.58	100	642.43	321.21	0.00	
28	Jammu & Kashmir	28	179.88	74.95	126.92	87.81	73.71	0.00	0	0.00	0.00	0.00	
29	Uttarakhand	550	3533.35	1962.97	2493.10	2019.4	1447.81	2668.08	35	224.85	112.42	0.00	
30	Andaman & Nicobar	68	485.39	130	342.49	0	198.89	0.00	0	0.00	0.00	0.00	
31	Daman & Diu								55	392.59	235.55	0.00	
32	Dadar Nagar								500	3569.04	1000	0.00	
33	Delhi								500	3569.04	471.45	0.00	
34	Puducherry								8	57.10	28.55	0.00	
35	Other Expenses			24.85		0.00						55.98	
	Total	7208	33763.09	22619.60	23822.96	15218.88	13834.58	11889.70	4683	17604.61	8138.68	1121.00	
Total fund released in 2017-18 is Rs 20346.29215 lakh (Including fund released for model organic clusters Rs 307.91 lakh and 10 lakh for the salary). Total clusters 11891 sanctioned													

Mission Organic Value Chain Development for North Eastern Region

Realizing the potential of organic farming in the North Eastern Region of the country, Ministry of Agriculture and Farmers Welfare has launched a **Central Sector Scheme** entitled “**Mission Organic Value Chain Development for North Eastern Region**” for implementation in the states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura, during 2015-16 to 2017-18. The scheme aims at development of certified organic production in a value chain mode to link growers with consumers and to support the development of entire value chain starting from inputs, seeds, certification and creation of facilities for collection, aggregation, processing, marketing and brand building initiative. The scheme was approved with an outlay of Rs. 400 crore for three years.

The assistance is provided for cluster development, on/off farm input production, supply of seeds/ planting materials, setting up of functional infrastructure, establishment of integrated processing unit, refrigerated transportation, pre-cooling /cold stores chamber, branding labeling and packaging, hiring of space, hand holdings, organic certification through third party, mobilization of farmers/processors etc. Under this scheme, an area of 50,000 ha have been targeted to be covered under organic farming in North Eastern Region of the country during the period of three years i.e. from year 2015-16 to 2017-18.

Major components of MOVCDNER:

1. Value Chain Production
2. Value Chain Processing
3. Value Chain Marketing
4. Value Chain Support Agencies

Physical and Financial Progress report of MOVCDNER scheme

A) Fund Released:

- I. During the year 2015-16 an amount of Rs.112.11 crore has been released.
- II. During the year 2016-17 an amount of Rs.47.63 crore has been released.
- III. During the year 2017-18 an amount of Rs. 66.22 crore has been released.
- IV. In the current financial year 2018-19 an amount of Rs.9908.20 crore has been released to Seven states.

B) Physical progress:

As on against target of 50000 ha area, 45918 ha area brought under the Organic Farming. Against the target of 100 FPCs, 97 FPCs has been achieved, against the target of 2500 FIGs, 2469 FIGs has been formed, and 48948 farmers are mobilized.

ANNEXURE- IIA

**Mission Organic Value Chain Development for North Eastern Region (MOVCDNER):
State-wise Budget allocation, Release and Utilization received during 3 years**

Rs. In lakh								
S. No.	States	Fund Released	Utilized Fund	Unspent balance	Budget Allocation	Amount Released	Amount released	Total Released
		2015-18			2018-19	Phase-I (Committed liability)	Phase II	2018-19
						(A)	(B)	(A+B)
1	Assam	2439.30	1665.31	773.994	1762.61	-	-	-
2	Manipur	3328.94	2419.99	908.95	2407.10	546.86	1203.55	1750.41
3	Meghalaya	2696.98	2352.92	344.06	2857.79	218.07	1428.90	1646.97
4	Nagaland	3800.46	2836.58	963.88	2096.13	649.78	1048.07	1697.85
5	Mizoram	2174.15	2174.15	0	1019.12	0	75.83	75.83
6	Arunachal Pradesh	2483.41	1857.31	626.1	1634.39	1053.36	817.20	1870.56
7	Sikkim	4216.08	4185.81	30.27	883.85	1763.62		1763.62
8	Tripura	1456.25	1210.31	245.94	1789.01	208.45	894.51	1102.96
	Total	22595.57	18702.38	3893.194	14450.00	4440.14	5468.06	9908.2
	Office Expenses	-	-	-	1550.00	-	15.00	15.00
	Grand Total				16000.00	2676.52	5483.06	9923.20
