

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

RAJYA SABHA
STARRED QUESTION NO. 375
TO BE ANSWERED ON 04/04/2025

INCENTIVES/SUBSIDIES TO FARMERS TO ADOPT BIO-PESTICIDES

*375. SHRI MOKARIYA RAMBHAI:

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

(a) whether Government is planning to provide incentives or subsidies to farmers who adopt sustainable options such as bio-pesticides and Integrated Pest management (IPM); and

(b) if so, the details thereof?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE
(SHRI SHIVRAJ SINGH CHOUHAN)

(a) & (b): A statement is laid on the table of the House.

STATEMENT IN RESPECT OF PARTS (a) & (b) OF THE RAJYA SABHA STARRED QUESTION NO. 375 FOR 04/04/2025 RAISED BY SHRI MOKARIYA RAMBHAIR REGARDING INCENTIVES/ SUBSIDIES TO FARMERS TO ADOPT BIO-PESTICIDES.

(a) & (b): Department of Agriculture and Farmers Welfare (DA&FW) through its Central Integrated Pest Management Centre (CIPMC), Krishi Vigyan Kendras (KVK) and State Agriculture Department promote use of Bio-pesticides and Integrated Pest Management (IPM) practices by farmers across the country which encompasses cultural, mechanical and biological methods of pest control and use of chemical pesticides as a last resort. DA&FW through its Central Integrated Pest Management Centers (CIPMCs) undertakes various training programs namely Farmers Field Schools (FFS), Human Resource Development (HRD) programs, and judicious use of pesticide awareness campaigns to educate and train farmers for use of bio-pesticides, bio-control agents and botanical formulations as an alternative to chemical pesticides for pest management. During these training programmes, upgradation of skill of farmers is being undertaken on Agro Eco System Analysis (AESAs) based decision making to protect crops by integrating all IPM techniques for timely decision on pest management approach. Further, farmers are also advised to use CIB&RC approved pesticides with recommended dosage on the crops as and when required, and to treat the seeds with bio-pesticides/ chemical pesticides before sowing to avoid seed borne disease for healthy crops. CIPMCs are also promoting use of bio-control agents during the survey of crops and field release of bio-control agents. The details of Farmers Field School, HRD programs and Pesticide awareness campaigns conducted by CIPMCs during 2019-20 to 2024-25 is enclosed at **Annexure-I**.

Further, Government is promoting organic farming through Paramparagat Krishi Vikas Yojana (PKVY) in all the States/UTs except NE States, and Mission Organic Value Chain Development for North Eastern Region (MOVCDNER) with the objective to provide end-to-end support to farmers engaged in organic farming i.e. from production to processing, certification and marketing and post-harvest management. The primary focus of the schemes is to form organic clusters in a cluster where preference is given to small and marginal farmers to help them to create a supply chain.

Under PKVY, States/UTs are provided financial assistance of Rs. 31,500/ha over 3 years in the organic clusters out of which, Rs. 15,000/ha is provided directly to farmers through Direct Benefit Transfer (DBT) for on-farm inputs like composting, green manuring etc. and off-farm inputs like organic seeds, manures, vermicomposts, biofertilizers, biopesticides, neem formulations, phosphorous rich organic manure (PROM), waste decomposer, botanical and physical and biological plant protection agents etc..

Under MOVCDNER, assistance of Rs. 46,500/ha over 3 years is provided for creation of Farmers Producer Organization(FPOs), support to farmers for organic inputs etc. Out of this, assistance at the rate of Rs. 32,500/ ha is provided to farmers for off farm (like as neem oil, cakes, bio-fertilizers, waste decomposers, etc.) and on farm (like vermicompost beds) organic inputs including Rs. 15,000 as DBT to the farmers. Farmers can avail maximum 2ha area under both the schemes.

**Details of Farmers Field School (FFS) conducted by CIPMC's from 2019-20 to 2024-25
(Kharif)**

S. No.	States	CIPMCs	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25 (Kharif)		Total	
			No. of FFS	No. of farmers trained	No. of FFS	No. of farmers trained	No. of FFS	No. of farmers trained	No. of FFS	No. of farmers trained	No. of FFS	No. of farmers trained	No. of FFS	No. of farmers trained	No. of FFS	No. of farmers attended
1	Haryana	Faridabad	21	630	16	480	14	490	11	385	10	350	6	210	78	2545
2	HimachalPradesh	Solan	23	690	10	300	8	280	7	245	5	175	3	105	56	1795
3	J&K	Jammu	23	690	7	210	6	210	6	210	4	140	5	175	51	1635
4		Srinagar	8	240	0	0	1	35	1	35	3	105	2	70	15	485
5	Punjab	Jalandhar	24	720	12	360	10	350	7	245	6	210	3	105	62	1990
6	Rajasthan	Sriganganagar	20	600	11	330	10	350	7	245	5	175	3	105	56	1805
7		Jaipur	28	840	6	180	8	280	7	245	6	210	4	140	59	1895
8	UttarPradesh	Lucknow	40	1200	21	630	19	665	12	420	10	350	10	350	112	3615
9		Gorakhpur	24	720	12	360	8	280	6	210	5	175	5	175	60	1920
10		Agra	30	900	9	270	8	280	6	210	4	140	4	140	61	1940
11	Uttarakhand	Dehradun	32	960	10	300	8	280	6	210	5	175	4	140	65	2065
12	West Bengal	Kolkata	40	1200	16	480	14	490	11	385	10	350	4	140	95	3045
13	Odisha	Bhubaneswar	12	360	9	270	8	280	7	245	6	210	4	140	46	1505
14	Bihar	Patna	27	810	12	360	8	280	7	245	5	175	5	175	64	2045
15	Jharkhand	Ranchi	12	360	9	270	5	175	5	175	5	175	4	140	40	1295
16	Andaman and Nicobar	Port Blair	15	450	2	60	3	105	4	140	3	105	1	35	28	895
17	Assam	Guwahati	35	1050	16	480	15	525	11	385	10	350	3	105	90	2895
18	ArunachalPradesh	Itanagar	12	360	4	120	4	140	4	140	4	140	2	70	30	970
19	Meghalaya	Shillong	20	600	6	180	4	140	4	140	4	140	2	70	40	1270
20	Manipur	Imphal	20	600	9	270	4	140	0	0	2	70	2	70	37	1150
21	Mizoram	Aizwal	12	360	6	180	4	140	4	140	4	140	2	70	32	1030
22	Nagaland	Dimapur	12	360	6	180	4	140	4	140	4	140	2	70	32	1030
23	Tripura	Agartala	12	360	6	180	4	140	4	140	4	140	2	70	32	1030
24	Sikkim	Gangtok	8	240	6	180	4	140	4	140	4	140	2	70	28	910
25	Karnataka	Bangalore	35	1050	21	630	16	560	11	385	10	350	10	350	103	3325
26	Telangana	Hyderabad	20	600	12	360	8	280	7	245	5	175	4	140	56	1800
27	AndhraPradesh	Vijayawada	20	600	12	360	8	280	7	245	6	210	3	105	56	1800
28	Kerala	Ernakulum	24	720	12	360	7	245	7	245	6	210	4	140	60	1920
29	Tamil Nadu	Trichy	16	480	10	300	8	280	7	245	6	210	3	105	50	1620
30	Maharashtra	Nagpur	24	720	20	600	16	560	11	385	10	350	10	350	91	2965
31		Nasik	24	720	8	240	8	280	7	245	5	175	3	105	55	1765
32	MadhyaPradesh	Indore	12	360	12	360	8	280	7	245	5	175	4	140	48	1560
33		Morena	0	0	0	0	4	140	4	140	4	140	4	140	16	560
34	Chhattisgarh	Raipur	8	240	8	240	8	280	7	245	5	175	5	175	41	1355
35	Goa	Madgaon	8	240	3	90	5	175	4	140	4	140	2	70	26	855
36	Rajasthan	Jodhpur	0	0	0	0	0	0	0	0	1	35	1	35	2	70
37		Jalore	0	0	0	0	0	0	0	0	1	35	1	35	2	70
38		Nagore	0	0	0	0	0	0	0	0	1	35	1	35	2	70
39	Gujrat	Palanpur	0	0	0	0	0	0	0	0	1	35	1	35	2	70
40		Bhuj	0	0	0	0	0	0	0	0	1	35	1	35	2	70
41		Vadodara	11	330	12	360	5	175	6	210	4	140	2	70	40	1285
42	Rajasthan	Phlodi	0	0	0	0	0	0	0	0	1	35	1	35	2	70
43		Churu	0	0	0	0	0	0	0	0	1	35	1	35	2	70
44		Bikaner	0	0	0	0	0	0	0	0	1	35	1	35	2	70
45		Barmer	0	0	0	0	0	0	0	0	0	0	1	35	1	35
46		Jaisalmer	0	0	0	0	0	0	0	0	0	0	1	35	1	35
47		Suratgarh	0	0	0	0	0	0	0	0	0	0	1	35	1	35
Total			712	21360	351	10530	282	9870	230	8050	206	7210	149	5215	1930	62235

Details of 2 Days HRD Programmes conducted by CIPMC from 2019-20 to 2024-25 (Kharif)

S. N o.	States	CIPMCs	2019-20		2020-21		2021-22		2022-23		2023-2024		2024-25 (Kharif)		Total	
			Da ys	No. of Farm	Da ys	No. of Farm	Da ys	No. of Farm	Da ys	No. of Farm	Da ys	No. of Farm	Da ys	No. of Farm	Da ys	No. of Farm
1	Haryana	Faridabad	4	160	0	0	7	400	6	302	4	206	4	216	25	1284
2	HimachalPradesh	Solan	4	160	1	40	2	131	2	104	2	114	1	52	12	601
3	J&K	Jammu	3	106	0	0	2	90	2	100	2	110	3	157	12	563
4		Srinagar	1	40	1	40	1	53	1	42	2	118	1	54	7	347
5	Punjab	Jalandhar	4	140	1	40	6	423	4	238	2	118	1	47	18	1006
6	Rajasthan	Sriganganagar	4	160	0	0	1	65	3	145	2	101	2	100	12	571
7		Jaipur	4	160	1	40	2	114	4	190	4	265	2	140	17	909
8	UttarPradesh	Lucknow	4	241	0	0	5	264	7	303	4	202	5	271	25	1281
9		Gorakhpur	4	170	1	40	2	90	3	184	3	172	4	179	17	835
10		Agra	2	160	1	40	1	55	2	102	2	107	2	154	10	618
11	Uttarakhand	Dehradun	4	160	1	40	2	112	3	137	2	103	1	55	13	607
12	West Bengal	Kolkata	4	160	1	40	4	167	6	252	4	201	3	136	22	956
13	Odisha	Bhubaneswar	3	120	1	40	3	122	3	174	4	216	2	114	16	786
14	Bihar	Patna	3	160	1	40	3	92	4	211	3	169	2	111	16	783
15	Jharkhand	Ranchi	4	105	1	40	1	58	3	134	2	104	1	40	12	481
16	Andaman and Nicobar	Port Blair	1	43	2	80	1	56	2	121	2	86	0	0	8	386
17	Assam	Guwahati	3	165	0	0	4	162	6	316	4	202	5	238	22	1083
18	ArunachalPradesh	Itanagar	1	0	0	0	1	40	2	102	1	50	1	40	6	232
19	Meghalaya	Shillong	2	118	0	0	2	90	2	80	2	94	1	45	9	427
20	Manipur	Imphal	4	120	1	40	1	40	2	100	1	53	1	55	10	408
21	Mizoram	Aizwal	1	53	1	40	1	62	2	121	2	119	1	63	8	458
22	Nagaland	Dimapur	2	58	1	40	1	56	2	108	2	98	1	47	9	407
23	Tripura	Agartala	1	49	1	40	1	50	2	85	2	80	1	53	8	357
24	Sikkim	Gangtok	2	80	1	40	1	60	2	120	2	104	2	100	10	504
25	Karnataka	Bangalore	4	160	0	0	4	226	6	320	4	268	5	301	23	1275
26	Telangana	Hyderabad	4	160	1	40	3	193	3	222	3	219	3	195	17	1029
27	AndhraPradesh	Vijayawada	4	160	1	40	2	167	3	222	3	195	1	94	14	878
28	Kerala	Ernakulam	4	109	1	40	1	54	2	110	3	156	2	93	13	562
29	Tamil Nadu	Trichy	2	80	1	40	2	90	3	134	4	204	2	88	14	636
30	Maharashtra	Nagpur	2	160	0	0	4	301	6	524	4	248	5	284	21	1517
31		Nasik	2	100	1	40	1	68	3	210	4	237	3	188	14	843
32	MadhyaPradesh	Indore	4	99	1	40	2	96	4	201	2	98	1	40	14	574
33		Morena	0	0	0	0	1	55	2	124	4	257	2	90	9	526
34	Gujarat	Vadodara	1	40	1	40	2	95	3	161	2	103	1	73	10	512
35	Chhattisgarh	Raipur	3	119	2	80	2	131	3	176	3	197	2	116	15	819
36	Goa	Madgaon	2	45	1	40	1	40	2	83	2	86	1	46	9	340
Total			101	4120	28	1120	80	4368	115	6258	98	5460	75	4075	497	25401

Safe & Judicious use of Pesticides awareness campaigns conducted from 2019-20 to 2024-25 (Kharif)

S. No.	States	Year														
		Name of CIPMC	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		Total	
			No.	Particip ants	No.	Particip ants	No.	Particip ants	No.	Participan ts	No.	Particip ants	No.	Particip ants	No.	Participa nts
1	Haryana	Faridabad	16	560	16	560	14	490	11	385	2	68	12	317	71	2380
2	Himanchal Pradesh	Solan	0	0	0	0	0	0	0	0	5	71	3	55	8	126
3	J & K	Jammu	0	0	0	0	0	0	12	625	0	0	4	132	16	757
		Srinagar	2	60	0	0	1	35	1	35	0	0	2	62	6	192
4	Punjab	Jalandhar	0	0	0	0	0	0	0	0	14	330	29	1134	43	1464
5	Uttar Pradesh	Lucknow	80	1844	42	1028	38	1159	24	639	26	491	41	1286	251	6447
		Gorakhpur	29	1100	15	563	12	505	8	351	21	478	20	1340	105	4337
		Agra	20	700	12	375	18	322	17	298	16	257	19	444	102	2396
6	Uttarakhand	Dehradun	30	1050	10	300	10	370	6	210	5	141	11	353	72	2424
7	West Bengal	Kolkata	36	1260	16	560	14	490	11	385	8	239	14	363	99	3297
8	Odisha	Bhubaneswar	52	1820	19	665	30	1050	9	315	15	486	9	330	134	4666
	Bihar	Patna	26	910	12	420	11	385	7	245	26	457	16	365	98	2782
10	Jharkhand	Ranchi	15	535	10	360	10	435	7	265	21	370	43	738	106	2703
11	Andaman and Nicobar	Port Blair	0	0	0	0	1	35	0	0	1	26	2	41	4	102
12	Assam	Guwahati	36	1260	16	560	17	573	11	385	5	104	16	585	101	3467
13	Arunachal Pradesh	Itanagar	0	0	0	0	0	0	0	0	0	0	26	161	26	161
14	Meghalaya	Shillong	22	770	6	210	4	140	4	140	1	55	5	115	42	1430
15	Manipur	Imphal	28	468	9	173	5	173	1	100	1	35	4	147	48	1096
16	Mizoram	Aizwal	0	0	0	0	0	0	0	0	0	0	4	149	4	149
17	Nagaland	Dimapur	0	0	0	0	0	0	0	0	2	70	4	105	6	175
18	Tripura	Agartala	0	0	0	0	0	0	0	0	0	0	5	100	5	100
19	Sikkim	Gangtok	0	0	0	0	1	25	0	0	0	0	0	0	1	25
20	Karnataka	Bengaluru	43	1568	24	994	21	836	18	759	5	175	16	709	127	5041
21	Telangana	Hyderabad	20	600	12	360	8	240	7	210	0	0	22	426	69	1836
22	Andhra Pradesh	Vijayawada	5	230	1	46	2	139	3	229	7	184	7	259	25	1087
23	Kerala	Ernakulam	0	0	12	360	10	280	19	460	10	281	15	384	66	1765
24	Tamil Nadu	Trichy	16	480	10	300	10	497	7	245	9	222	37	1285	89	3029
25	Maharashtra	Nagpur	14	490	3	105	36	2098	18	1740	6	185	10	100	87	4718
		Nasik	20	653	8	251	9	300	7	210	3	112	6	293	53	1819
26	Madhya Pradesh	Indore	12	460	12	470	8	310	7	266	3	105	3	143	9	221
		Morena	0	0	0	0	0	0	0	0	6	78	9	300	15	378
27	Gujarat	Palanpur	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Vadodara	4	200	1	50	2	50	1	50	1	22	0	0	9	372
		Bhuj	-	-	-	-	-	-	-	-	-	-	0	0	0	0
28	Goa	Madgaon	0	0	0	0	0	0	0	0	0	0	7	287	7	287
29	Chattisgarh	Raipur	12	368	8	284	8	283	7	141	10	246	15	529	60	1851
30	Manipur	Imphal	28	468	9	173	5	173	1	100	1	35	4	147	48	1096
31	Rajasthan	Churu	-	-	-	-	-	-	-	-	-	-	1	35	1	35
		Sriganganagar	0	0	0	0	0	0	0	0	3	61	7	100	10	161
		Jaipur	0	0	2	159	3	146	3	131	16	1324	18	418	42	2178
		Suratgarh	-	-	-	-	-	-	-	-	-	-	1	35	1	35
TOTAL			538	17386	276	9153	303	11366	226	8819	248	6673	459	13485	2050	66882
