

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

LOK SABHA
UNSTARRED QUESTION NO.3341
TO BE ANSWER ON THE 16TH MARCH, 2021

TRAINING FOR MULTI-LAYER FARMING

3341: SHRI AJAY KUMAR MISRA TENI

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

- (a) whether the Government proposes to formulate any scheme to train the farmers of the country for multi-layer farming with the objective of raising their income;
- (b) if so, the details thereof, State and District-wise; and
- (c) if not, the reasons therefor?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्री (SHRI NARESHDRA SINGH TOMAR)

(a) & (b): Yes. ICAR-Indian Institute of Farming Systems Research, Modipuram is undertaking research (on-station) and technology validation through farmers' participatory research (on-farm research) on Integrated Farming Systems and Cropping Systems under AICRP-Integrated Farming Systems (AICRP-IFS) in 24 states and 1 Union Territory with the participation of 34 State Agricultural Universities, 6 ICAR institutes and 1 Central University. At selected locations of on-station (Port Blair in A&N Islands, Karamana in Kerala, Modipuram in Uttar Pradesh, Kalyani in West Bengal) and on-farm (Pathinamthitta and Thiruvananthapuram Districts of Kerala), location specific multi-layer farming involving crops of different heights have been experimented. **Awareness among farmers and other stakeholders on multi-layer farming and advantages thereof in these states are also being conducted.**

In addition to this, a Centrally Sponsored Scheme '**Support to State Extension Programs for Extension Reforms**' popularly known as **ATMA Scheme** is already under implementation since 2005. Presently, Scheme is being implemented in 691 districts of 28 states & 5 UTs in the country. The scheme promotes decentralized farmer-friendly extension system in the country. Under the scheme grants-in-aid is released to the State Governments with an objective to support State Government's efforts to make available the latest agricultural technologies and good agricultural practices **in different thematic areas of agriculture and allied areas to farmers including training for multi-layer farming.** Training of farmers is one of the eligible activities of ATMA Scheme.

During last one year, the Krishi Vigyan Kendras (KVKs) conducted 4221 training programmes on various themes related to Multi-Layer Farming with participation of 136391 farmers. State-wise training programmes conducted by KVKs on various themes related to Multi-Layer Farming during last one year are given in **ANNEXURE-I**.

During 2019-20, **1327075** farmers have been trained under ATMA scheme in different thematic areas of agriculture and allied subjects including multi-layer farming (**ANNEXURE-II**).

(c) Not Applicable

**STATE WISE TRAINING PROGRAMMES CONDUCTED BY KVKS ON VARIOUS THEMES
RELATED TO MULTI-LAYER FARMING DURING LAST ONE YEAR**

STATE	THEMATIC AREA	NO. OF COURSES	NO. OF PARTICIPANTS
Punjab	Cropping Systems	29	1034
	Crop Diversification	25	663
	Integrated Farming	8	179
	Integrated Crop Management	18	357
Uttarakhand	Cropping Systems	8	242
	Crop Diversification	2	40
	Integrated Farming	17	345
	Integrated Crop Management	7	139
Himachal Pradesh	Cropping Systems	11	325
	Crop Diversification	17	848
	Integrated Farming	38	995
	Integrated Crop Management	19	844
Jammu & Kashmir	Cropping Systems	18	304
	Crop Diversification	17	350
	Integrated Farming	9	230
	Integrated Crop Management	26	569
Ladakh	Cropping Systems	3	79
	Crop Diversification	3	80
	Integrated Farming	3	55
	Integrated Crop Management	3	91
Rajasthan	Cropping Systems	29	780
	Crop Diversification	46	1075
	Integrated Farming	119	3516
	Integrated Crop Management	266	8452
Haryana	Cropping Systems	16	671
	Crop Diversification	24	1036
	Integrated Farming	17	467
	Integrated Crop Management	131	5429
Delhi	Cropping Systems	0	0
	Crop Diversification	0	0
	Integrated Farming	0	0
	Integrated Crop Management	3	53
Uttar Pradesh	Cropping Systems	118	3101

	Crop Diversification	79	1793
	Integrated Farming	57	1192
	Integrated Crop Management	233	5290
Bihar	Cropping Systems	51	1390
	Crop Diversification	28	721
	Integrated Farming	0	0
	Integrated Crop Management	171	4885
Jharkhand	Cropping Systems	43	1580
	Crop Diversification	30	1101
	Integrated Farming	8	286
	Integrated Crop Management	114	4191
West Bengal	Cropping Systems	7	253
	Crop Diversification	26	794
	Integrated Farming	15	527
	Integrated Crop Management	59	2001
Odisha	Cropping Systems	17	445
	Crop Diversification	11	280
	Integrated Farming	5	125
	Integrated Crop Management	66	1764
Andaman & Nicobar	Cropping Systems	1	30
	Crop Diversification	0	0
	Integrated Farming	2	58
	Integrated Crop Management	3	85
Assam	Cropping Systems	19	595
	Crop Diversification	13	341
	Integrated Farming	12	685
	Integrated Crop Management	64	1889
Arunachal Pradesh	Cropping Systems	8	396
	Crop Diversification	9	300
	Integrated Farming	6	84
	Integrated Crop Management	33	1078
Sikkim	Cropping Systems	3	69
	Crop Diversification	6	170
	Integrated Farming	3	54
	Integrated Crop Management	8	170
Tripura	Cropping Systems	5	80
	Crop Diversification	8	171
	Integrated Farming	1	15
	Integrated Crop	4	80

	Management		
Nagaland	Cropping Systems	36	1032
	Crop Diversification	2	53
	Integrated Farming	2	39
	Integrated Crop Management	10	236
Manipur	Cropping Systems	3	73
	Crop Diversification	7	205
	Integrated Farming	2	57
	Integrated Crop Management	7	182
Mizoram	Cropping Systems	3	150
	Crop Diversification	0	0
	Integrated Farming	5	146
	Integrated Crop Management	6	195
Meghalaya	Cropping Systems	10	277
	Crop Diversification	4	344
	Integrated Farming	9	218
	Integrated Crop Management	12	511
Maharashtra	Cropping Systems	73	2681
	Crop Diversification	23	837
	Integrated Farming	21	1142
	Integrated Crop Management	235	10456
Gujarat	Cropping Systems	29	1179
	Crop Diversification	14	472
	Integrated Farming	13	421
	Integrated Crop Management	154	5610
Madhya Pradesh	Cropping Systems	53	1735
	Crop Diversification	46	2574
	Integrated Farming	33	1006
	Integrated Crop Management	177	5298
Chhattisgarh	Cropping Systems	41	1159
	Crop Diversification	36	1295
	Integrated Farming	31	1033
	Integrated Crop Management	43	1194
Andhra Pradesh	Cropping Systems	11	430
	Crop Diversification	10	444
	Integrated Farming	11	441
	Integrated Crop Management	109	3931
Tamil Nadu	Cropping Systems	23	806
	Crop Diversification	23	467

	Integrated Farming	29	1076
	Integrated Crop Management	173	5490
Telangana	Cropping Systems	8	327
	Crop Diversification	3	96
	Integrated Farming	8	219
	Integrated Crop Management	37	1569
Puducherry	Cropping Systems	0	0
	Crop Diversification	0	0
	Integrated Farming	3	81
	Integrated Crop Management	0	0
Karnataka	Cropping Systems	40	1182
	Crop Diversification	24	793
	Integrated Farming	55	2634
	Integrated Crop Management	191	5661
Kerala	Cropping Systems	10	318
	Crop Diversification	6	139
	Integrated Farming	14	664
	Integrated Crop Management	14	451
Lakshadweep	Cropping Systems	0	0
	Crop Diversification	0	0
	Integrated Farming	0	0
	Integrated Crop Management	1	45
TOTAL		4221	136391

**NUMBER OF FARMERS TRAINED IN DIFFERENT THEMATIC AREAS INCLUDING
MULTI-LAYER FARMING UNDER ATMA SCHEME DURING 2019-20**

S.NO.	STATE	NO. OF FARMERS
1	Andhra Pradesh	84438
2	Bihar	131649
3	Chhattisgarh	41066
4	Goa	6363
4	Gujarat	189895
5	Haryana	12840
6	Himachal Pradesh	5936
7	Jammu & Kashmir	7916
8	Jharkhand	10220
9	Karnataka	33142
10	Kerala	24993
11	Maharashtra	110006
12	Madhya Pradesh	18334
13	Odisha	25400
14	Punjab	11478
15	Rajasthan	30281
16	Tamil Nadu	96259
17	Telangana	51194
18	Uttar Pradesh	150678
19	Uttarakhand	19339
20	West Bengal	205000
21	Assam	5379
22	Arunachal Pradesh	20050
23	Manipur	900
24	Meghalaya	4030
25	Mizoram	2200
26	Nagaland	21960
27	Tripura	1278
28	Sikkim	1000
29	Delhi	0
29	Puducherry	1797
30	Andaman& Nicobar Islands	2054
	Total	1327075
