

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

LOK SABHA
UNSTARRED QUESTION NO.337
TO BE ANSWERED ON THE 19TH NOVEMBER, 2019

AGRICULTURE IN ARID LAND

337. SHRIMATI RITI PATHAK:
SHRI JUGAL KISHORE SHARMA:

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

- (a) the funds allocated by the Union Government to various States/UTs to promote arid land agriculture during the last three years and the current year, State/UTwise including Madhya Pradesh and Jammu and Kashmir;
- (b) the total area of land brought under arid land agriculture in the country during the last three years, State-wise;
- (c) the incentives provided to the farmers for arid land agriculture; and
- (d) the extent to which the success has been achieved in this regard?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (c) About 19.3 m.ha area of the country is covered under arid region. The Department of Agriculture Cooperation & Farmers' Welfare (DAC&FW) is implementing various programmes /schemes for development of agriculture in the country including arid zones. The major programmes include:

- (i) National Food Security Mission (NFSM).
- (ii) Mission for Integrated Development of Horticulture (MIDH)
- (iii) Pramparagat Krishi Vikas Yojana (PKVY)
- (iv) Rainfed Area Development (RAD) component of National Mission for Sustainable Agriculture (NMSA).
- (v) Per Drop More Crop-Pradhan Mantri Krishi Sinchayee Yojana (PMKSY-PDMC).

Financial assistance / incentives to farmers for the activities varies from @ 25% to 65% as per the operational guidelines of respective schemes.

The State wise Central Assistance released and physical achievements made under the schemes during the last three years and current year including Madhya Pradesh and Jammu & Kashmir are given at Annexure-I to IX.

(d): The improved technologies and financial assistance under the programme have resulted in increased resilience and risk management by the farmers. The efforts have resulted in increased production, productivity and cropping intensity. The food production in the country has been increased from 252.02 million tonnes in the year 2014-15 to 284.95 million tonnes in the year 2018-19.

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019
Central assistance released under NFSM from
2016-17 to 2019-20

Rs in Crore

Sl.no.	State	2016-17	2017-18	2018-19	2019-20 (as on 15.11.19)
1	Andhra Pradesh	47.62	101.54	62.54	30.485
2	Arunachal Pradesh	5.15	6.56	7.20	5.810
3	Assam	39.28	130.06	105.58	77.700
4	Bihar	35.62	28.69	46.63	42.570
5	Chhattisgarh	53.39	69.86	78.58	66.570
6	Goa	0.29	0.00	0.00	0.000
7	Gujarat	21.36	5.00	17.21	15.990
8	Haryana	10.40	7.96	11.42	3.476
9	Himachal Pradesh	15.83	12.23	12.11	8.424
10	Jammu & Kashmir	7.13	9.05	6.21	7.073
11	Jharkhand	9.41	25.71	44.90	22.150
12	Karnataka	99.29	96.55	131.91	78.710
13	Kerala	0.00	0.13	0.00	0.000
14	Madhya Pradesh	185.08	103.80	104.40	187.926
15	Maharashtra	139.96	152.10	112.56	74.600
16	Manipur	7.40	4.68	7.44	10.949
17	Meghalaya	3.15	5.23	4.94	2.820
18	Mizoram	1.13	2.30	2.28	2.390
19	Nagaland	10.90	17.75	18.73	16.380
20	Odisha	34.67	54.90	84.91	75.038
21	Punjab	9.85	5.43	0.15	0.000
22	Rajasthan	103.44	85.30	116.27	138.990
23	Sikkim	3.84	0.00	9.39	5.96
24	Tamil Nadu	44.52	37.02	55.20	29.130
25	Telangana	8.29	19.34	9.61	14.550
26	Tripura	6.08	17.15	17.84	4.000
27	Uttar Pradesh	92.93	83.10	131.24	67.000
28	Uttarakhand	9.74	3.83	17.83	7.450
29	West Bengal	56.02	107.86	92.51	49.580
	Total	1061.77	1193.13	1309.59	1045.72

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019
Physical progress under the major components of NHM/HMNEH scheme of MIDH

Component	Unit	Physical Achievement			
		2016-17	2017-18	2018-19	2019-20
Area Coverage	Ha.	111363	109770	142188	30289
Rejuvenation	Ha.	12220	6372	11908	3225
Protected Cultivation	Ha.	34322	34460	36049	41620
Adoption of Organic Farming	Ha.	4918	200	550	81
Integrated Pest Management	Ha.	80216	75659	69760	877
Nurseries	No.	70	66	79	2028
Water Resources	No.	3932	3381	5759	18127
Post Harvest Management	No.	7604	8000	13432	63626
Markets	No.	1081	1200	763	4999
Beekeeping	No.	121670	176691	182167	2157
Horticulture Mechanization	No.	28424	16635	48572	13608
Training of Farmers	No.	96674	62668	191086	3264

Source:- MIDH web portal

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Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019

The State wise Central Assistance released from 2016-17 to 2019-20 under NHM(MIDH)

Rs in Lakh

Sl. No.	State/Implementing Agencies	2016-17	2017-18	2018-19	2019-20 (as on 11.11.19)
1	Andhra Pradesh	6402.45	7670.00	10293.34	4938.00
2	Bihar	1796.00	1800.00	1900.00	1100.00
3	Chhattisgarh	6147.00	8923.40	10225.00	1400.00
4	Goa	164.88	251.05	286.82	150.00
5	Gujarat	6545.00	8873.61	9525.00	6350.00
6	Haryana	5955.46	7350.00	7160.00	4890.00
7	Jharkhand	3013.50	2500.00	950.00	
8	Karnataka	6949.88	6850.00	11558.00	5000.00
9	Kerala	1500.00	2900.00	6853.00	
10	Madhya Pradesh	3562.00	3000.00	3176.00	1400.00
11	Maharashtra	5044.00	8673.00	10700.00	5235.00
12	Orissa	4368.00	4687.00	2100.00	2000.00
13	Punjab	3000.00	1500.00	3550.00	1000.00
14	Rajasthan	4313.00	5800.00	5200.00	2500.00
15	Tamil Nadu	4713.50	6127.40	12900.00	4900.00
16	Telangana	2096.00	3218.62	500.00	
17	Uttar Pradesh	3195.54	3587.00	6256.75	4964.41
18	West Bengal	800.00	1000.00	1500.00	
19	Dadra & Nagar Haveli	0.00	0.00	0.00	
20	Delhi	0.00	0.00	0.00	25.00
21	Lakshadweep	0.00	0.00	0.00	
22	A & Nicobar Islands	0.00	0.00	0.00	
23	Puducherry	100.00	99.21	150.00	150.00
24	Daman & Diu	0.00	50.00	0.00	
	Sub Total	69666.21	84860.29	104783.91	46002.41
1	NHB/SFAC/TSG/HQ	335.00	220.00	225.00	165.00
2	DCCD, Kochi	900.00	900.00	250.00	
3	DASD, Calicut	1081.00	975.00	1273.85	550.00
4	NCPAH		32.62	15.00	
5	NHRDF	1000.00	1000.00	550.00	
6	National Bee Board	1100.00	1200.00	700.00	
7	National Seeds Corpn.	781.27	515.77	300.00	
8	NRC Citrus	75.00	50.00	29.43	
9	Spices Board	150.00	150.00	0.00	
10	PFDCs	842.00	698.50	368.15	
11	FHEL	0.00	0.00	0.00	
12	NCCD	150.00	150.00	0.00	
13	SFAC	115.00	100.00	100.00	
14	NIFTEM	25.00	0.00	0.00	
15	IASRI	205.00	0.00	0.00	
16	MNCFC	285.00	206.00	400.00	230.00
17	NHB	0.00	0.00	0.00	
18	NIAM	100.00	100.00	0.00	
19	HIL	0.00	232.00	125.00	
	Sub Total	7144.27	6529.89	4336.43	945.00
1	Arunachal Pradesh	0.00	0.00	2000.00	1250.00

2	Sikkim	2525.00	3050.00	2200.00	1221.00
3	Manipur	1000.00	2400.00	2550.00	1350.00
4	Uttarakhand	4749.73	3036.54	4000.00	1732.00
5	Tripura	2350.00	1000.00	1200.00	1000.00
6	Jammu & Kashmir	9609.47	11650.00	11000.00	6000.00
7	Nagaland	1500.00	3634.00	2700.00	750.00
8	Mizoram	3150.00	4150.00	2500.00	1458.00
9	Assam	2200.00	2290.00	5600.00	3784.00
10	Meghalaya	1875.00	1536.47	2100.00	
11	Himachal Pradesh	2425.00	3814.00	2375.00	1643.00
	Sub Total	31384.20	36561.01	38225.00	20188.00
	Grand Total	108194.68	127951.19	147345.34	67135.41

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019

State-wise Allocation of clusters & area covered under PKVY schemes during 2015-16 to till date			
S. No.	Name of the State	Total no of clusters	Total area covered(Area in ha)
1	Andhra Pradesh	5300	106000.00
2	Bihar	427	8540.00
3	Chhattisgarh	1200	24000.00
4	Gujarat	100	2000.00
5	Goa	504	10080.00
6	Haryana	20	400.00
7	Jharkhand	250	5000.00
8	Karnataka	545	10900.00
9	Kerala	619	12380.00
10	Madhya Pradesh	3828	76560.00
11	Maharashtra	1258	25160.00
12	Odisha	1040	20800.00
13	Punjab	250	5000.00
14	Rajasthan	6150	123000.00
15	Tamil Nadu	312	6240.00
16	Telangana	690	13800.00
17	Uttar Pradesh	620	12400.00
18	West Bengal	120	2400.00
19	Assam	220	4400.00
20	Arunachal Pradesh	19	380.00
21	Mizoram	34	680.00
22	Manipur	30	600.00
23	Nagaland	24	480.00
24	Sikkim	150	3000.00
25	Tripura	50	1000.00
26	Meghalaya	45	900.00
27	Himachal Pradesh	210	4200.00
28	Jammu & Kashmir	28	560.00
29	Uttarakhand	4485	89700.00
30	Andman & Nicobar	68	1360.00
31	Daman & Diu	55	1100.00
32	Dadar Nagar	500	10000.00
33	Delhi	500	10000.00
34	Puducherry	8	160.00
35	Chandigarh	65	1300.00
36	Lakshadweep	135	2700.00
	Total	29859	597180.00

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019
Details of the State-wise Progress report under PKVY schemes being implemented by
DAC&FW during 2015-16 to 2018-19 (Rs in lakh)

Sl.NO.	Name of the State	2016-17	2017-18	2018-19	2019-20
1	Andhra Pradesh	798.17	292.93	2760.56	0
2	Bihar	664.26	0	0	0
3	Chhattisgarh	314.78	314.16	0	0
4	Gujarat	238.83	0	0	666.74
5	Goa	0	0	0	0
6	Haryana	45.98	0	0	0
7	Jharkhand	203.14	0	0	0
8	Karnataka	815.27	1224.64	408.21	80.47
9	Kerala	0	307.2439	0	0
10	Madhya Pradesh	1787.6	1813.94	0	2581.68
11	Maharashtra	2957.59	0	0	1683.26
12	Odisha	650.03	610.6	610.59	0
13	Punjab	0	0	0	292.38
14	Rajasthan	1491.13	0	0	0
15	Tamil Nadu	207.26	194.64	160.18	468.64
16	Telangana	448.77	0	0	0
17	Uttar Pradesh*	1270.64	838.58	1280.26	322.49
18	West Bengal	393.66	374.07	0	0
19	Assam	0	1804.19	0	0
20	Arunachal Pradesh	81.08	94.5	0	0
21	Mizoram	138.65	211.94	22.37	0
22	Manipur	0	48.82	0	0
23	Nagaland	0	128.98	42.99	0
24	Sikkim	0	0	656.81	0
25	Tripura	308.83	164.81	72	0
26	Meghalaya	296	0	0	0
27	Himachal Pradesh	0	797.58	0	364.49
28	Jammu & Kashmir	87.81	0	0	0
29	Uttarakhand	2019.4	2668.08	0	1033.95
30	Andman & Nicobar	0	0	0	0
31	Daman & Diu	0	0	0	0
32	Dadar Nagar	0	0	0	0
33	Delhi	0	0	0	0
34	Puducherry	0	0	0	0
35	Chandigarh	0	0	0	0
36	Lakshadweep	0	0	0	0
	Other Expenses	63	317.91	0	557.83
	Total	15281.88	12207.61	6013.98	8051.94

Cont./7

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019

The State wise Central Assistance released from 2016-17 to 2019-20 under RAD

Rs. in Lakh

SN	State	2016-17	2017-18	2018-19	2019-20 (as on 15.11.2019)*
1	Andhra Pradesh	1800	2000	1750	1080
2	Telangana	960	900	420	-
3	Bihar	0	113.04	97.2	-
4	Chattisgarh	240	600	650	-
5	Gujarat	546.22	800	1160	666.06
6	Haryana	0	0	0	-
7	Jharkhand	700	560	671.1	-
8	Karnataka	400	750	553.99	600
9	Kerala	0	78.43	0	-
10	Madhya Pradesh	0	200	0	270
11	Maharashtra	2663.45	1750	2500	-
12	Odisha	1835.4	1348	2092.91	1020
13	Rajasthan	0	0	0	263.54
14	TamilNadu	3350	4000	3550	1980
15	Uttar Pradesh	1642.5	2000	2508.45	2040
16	West Bengal	1050.54	991.99	800	-
17	Himachal Pradesh	682.55	730	800	519
18	Jammu & Kashmir	0	50	100	-
19	Uttarakhand	800	645	800	540
20	Assam	0	68.5	0	-
21	Arunachal Pradesh	400	0	120	120
22	Manipur	425	137.5	0	-
23	Meghalaya	150	194.69	398.7	180
24	Mizoram	653.34	950	700	300
25	Nagaland	900	1099.99	900	420
26	Sikkim	300	100	240	-
27	Tripura	520	532.2	600	240
Total		20019	20599.34	21412.35	10238.6

* Approval of action plan and release is under consideration for remaining states.

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019

The State wise area covered under Integrated Farming System (IFS) from 2016-17 to 2018-19
under RAD

Area in ha				
SN	State	2016-17	2017-18	2018-19
1	Andhra Pradesh	11600	8594	8983
2	Telangana	3175	1223	0
3	Bihar	0	0	0
4	Chattisgarh	677	2752	2997
5	Gujarat	2275	422	3182
6	Haryana	0	0	0
7	Jharkhand	2343	1455	0
8	Karnataka	1300	3467	0
9	Kerala	0	0	0
10	Madhya Pradesh	0	0	0
11	Maharashtra	6504	6090	0
12	Odisha	7851	4969	0
13	Punjab	0	0	0
14	Rajasthan	0	0	0
15	TamilNadu	15334	16063	37364
16	Uttar Pradesh	8197	7657	7669
17	West Bengal	6548	5442	4759
18	Himachal Pradeh	1500	2221	2205
19	Jammu & Kashmir	0	86	0
20	Uttarakhand	2449	1891	1887
21	Assam	0	0	0
22	Arunachal Pradesh	1196	0	0
23	Manipur	1100	374	0
24	Meghalaya	387	492	0
25	Mizoram	2446	2085	936
26	Nagaland	2187	2900	1537
27	Sikkim	1407	200	550
28	Tripura	2200	2366	1523
Total		80676	70749	73593

* Progress for the current year (2019-20) is yet to be reported by States

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019
Fund released under PMKSY - PDMC from
2016-17 to 2019-20

S.No.	States	2016-17	2017-18	2018-19	2019-20 (as on 15.11.19)
1	Andhra Pradesh	308.69	517.1	520.00	252.00
2	Bihar	21.6	12.5	27.91	-
3	Chhattisgarh	44.8	55	43.39	-
4	Goa	0.8	0	1.20	-
5	Gujarat	274	300	272.50	180.00
6	Haryana	27	14.01	27.41	-
7	Himachal Pradesh	8.5	19.25	26.00	18.00
8	Jharkhand	30.7	25	10.00	-
9	Jammu & Kashmir	5.4	3	7.80	-
10	Karnataka	229	385	372.03	192.00
11	Kerala	0	25	4.00	-
12	Madhya Pradesh	121.1	150	132.56	50.00
13	Maharashtra	305.7	362.5	360.00	174.00
14	Odisha	39.7	48	58.00	30.00
15	Punjab	1.18	0	9.00	-
16	Rajasthan	129	107.5	168.48	75.0
17	Tamil Nadu	143.5	369.55	355.00	204.00
18	Telangana	189	257	122.00	-
19	Uttarakhand	15	27.2	43.00	19.20
20	Uttar Pradesh	41.4	55	87.88	48.58
21	West Bengal	19.9	31	40.00	-
22	Arunachal Pradesh	2	8.3	12.50	18.00
23	Assam	11	3	30.00	-
24	Manipur	3.6	7.5	40.00	18.00
25	Meghalaya	0	3.3	12.00	-
26	Mizoram	8.1	12.3	27.80	27.00
27	Nagaland	4.5	11.8	35.00	30.00
28	Sikkim	5.4	4	55.19	-
29	Tripura	0	3.75	15.00	18.00
30	Uts	0	0.5		-
31	HQ	0.67	1.43	2.73	0.50
	Grand Total	1991.24	2819.49	2918.38	1354.28

Lok Sabha Unstarred Question no. 337 for answer on 19.11.2019
Year-wise area covered (2016-17 to 2018-19) under Micro Irrigation PDMC-PMKSY

Area in Ha				
S. No.	State	2016-17	2017-18	2018-19
1	Andhra Pradesh	141098	186441	200269
2	Bihar	4228	3143	924
3	Chhattisgarh	19227	13087	18929
4	Goa	123	236	0
5	Gujarat	165948	143134	140778
6	Haryana	5701	10751	10469
7	Himachal Pra.	937	1197	422
8	Jharkhand	5810	1544	3978
9	J&K	0	0	0
10	Karnataka	139405	236107	234853
11	Kerala	310	358	965
12	Madhya Pradesh	54323	39761	35195
13	Maharashtra	106172	132829	159959
14	Odisha	4611	3036	10081
15	Punjab	1950	600	507
16	Rajasthan	47650	48205	53982
17	Tamil Nadu	44778	105695	172445
18	Telangana	61980	89474	40381
19	Uttarakhand	3199	2182	4256.41
20	Uttar Pradesh	32511	28235	55086
21	West Bengal	0	2137	13370
22	Arun. Pradesh	0	0	0
23	Assam	0	782	70
24	Manipur	0	0	1600
25	Meghalaya	0	0	0
26	Mizoram	0	0	0
27	Nagaland	0	0	0
28	Sikkim	0	0	0
29	Tripura	0	0	0
	Grand Total	839961	1048934	1158519
