

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

LOK SABHA
STARRED QUESTION NO. 351
TO BE ANSWERED ON THE 20TH MARCH, 2018

MICRO IRRIGATION

*351. SHRI KESINENI NANI:

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

- (a) the present status of the National Mission on Micro Irrigation programme in the country, State-wise;
- (b) whether micro irrigation is widely used by farmers in the country as a method of irrigation and if so, the details of the area covered under micro irrigation under the Pradhan Mantri Krishi Sinchayee Yojana, State-wise including Andhra Pradesh and the Bundelkhand region of Madhya Pradesh;
- (c) whether the Government has conducted any study to determine the increase in productivity in the areas brought under the scheme during the last three years and if so, the details thereof;
- (d) the steps taken by the Government to increase the awareness among farmers regarding micro irrigation; and
- (e) the further steps taken by the Government for promotion of micro irrigation in the country along with the funds allocated and utilized under the scheme during the above period, State/UT-wise?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण ½ãâ"ããè

(SHRI RADHA MOHAN SINGH)

(a) to (e): A statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA
STARRED QUESTION NO. 351 DUE FOR REPLY ON 20TH MARCH, 2018.**

(a) & (b): The Centrally Sponsored Scheme on Micro Irrigation (MI) was launched in 2005-06 with the objective to enhance water use efficiency in the agriculture sector by promoting Micro Irrigation technologies like Drip and Sprinkler irrigation systems. This was up-scaled to National Mission on Micro Irrigation (NMMI) in June 2010, which continued till the financial year 2013-14. NMMI was subsumed under 'On Farm Water Management' (OFWM) component of National Mission on Sustainable Agriculture (NMSA) during 2014-15. From 2015-16, Micro Irrigation component of OFWM has been subsumed under 'Per Drop More Crop (PDMC)' component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY).

State-wise details of area covered under Micro Irrigation including Andhra Pradesh and Bundelkhand region of Madhya Pradesh, is given at Annexure I.

(c): An impact evaluation study on Micro Irrigation was carried out in 2014, which concluded that:

- Irrigation cost is reduced by 20% to 50% with average of 32.3%.
- Electricity consumption is reduced by about 31%.
- Saving of fertilizers in the range of 7% to 42%.
- Average productivity of fruits and vegetables increased by about 42.3% and 52.8%.
- Overall income enhancement of farmers in the range of 20% to 68% with an average of 48.5%.

(d) & (e): Emphasis is given for encouraging farmers to take advantage of the scheme through press & print media, publication of leaflets/booklets, organization of workshops, exhibitions, farmer's fairs, demonstrations through Krishi Vigyan Kendras (KVK), information on State/Government of India portal etc.

Besides, training programmes to farmers and other stake-holders are also supported under the programme for capacity building.

For encouraging farmers to adopt micro irrigation technologies, financial assistance is provided @ 55% to small & marginal farmers and @ 45% to other farmers. Besides, some states further incentivize farmers beyond the assistance available under the scheme to encourage them for adopting micro irrigation technologies.

State-wise details on central assistance released and utilization reported by States during the last three years is given at Annexure-II.

Annexure-I

Annexure to Lok Sabha Starred Question No. 351 to be answered on 20.03.2018

**Area covered under Micro Irrigation including Andhra Pradesh and
Bundelkhand region of Madhya Pradesh**

In Hectares

S.No.	State	Pre PMKSY	PMKSY	Total
1	Andhra Pradesh	872004	374518	1246522
2	Bihar	93699	9469	103168
3	Chhattisgarh	146143	33706	179849
4	Goa	772	383	1155
5	Gujarat	619452	459074	1078526
6	Haryana	67593	11312	78905
7	Himachal Pradesh	1409	5209	6618
8	Jharkhand	20276	11882	32158
9	Jammu & Kashmir	80	0	80
10	Karnataka	713040	309174	1022214
11	Kerala	19633	871	20504
12	Madhya Pradesh	236507	150513	387020*
13	Maharashtra	789099	269843	1058942
14	Odisha	100822	8085	108907
15	Punjab	28877	3989	32866
16	Rajasthan	722750	118959	841709
17	Tamil Nadu	169964	167602	337566
18	Telangana	29892	169954	199846
19	Uttarakhand	1761	5327	7088
20	Uttar Pradesh	27985	52565	80550
21	West Bengal	898	2071	2969
22	Arunachal Pradesh	0	0	0
23	Assam	194	0	194
24	Manipur	288	0	288
25	Meghalaya	278	0	278
26	Mizoram	3545	398	3943
27	Nagaland	444	0	444
28	Sikkim	2238	773	3011
29	Tripura	897	0	897
	Grand Total	4670540	2165677	6836217

* Includes 30171 ha in Bundelkhand region of Madhya Pradesh

Annexure-II

Annexure to Lok Sabha Starred Question No. 351 to be answered on 20.03.2018

State-wise Central assistance released and utilization* reported by States

(Rs. in Crore)

S. No.	State	2014-15		2015-16		2016-17	
		Release	Utilization	Release	Utilization	Release	Utilization
1	Andhra Pradesh	121.48	280.41	177.68	197.83	265.69	291.66
2	Bihar	35.00	16.55	10.00	5.07	0.00	7.57
3	Chattisgarh	10.00	7.63	7.50	7.71	24.00	20.48
4	Goa	0.20	0.09	0.00	0.12	0.30	0.10
5	Gujarat	140.68	137.07	204.10	208.41	250.00	224.96
6	Haryana	23.00	16.25	16.94	11.02	24.00	10.41
7	Himachal Pradesh	1.50	0.32	0.75	2.49	0.50	3.02
8	Jharkhand	15.00	5.20	0.00	0.47	12.00	18.71
9	Jammu & Kashmir	0.00	0.67	0.00	0.01	0.00	0.00
10	Karnataka	124.25	123.16	111.75	113.07	169.00	182.30
11	Kerala	3.75	0.27	0.86	1.31	0.00	0.37
12	Madhya Pradesh	66.50	67.06	134.33	95.08	84.00	129.45
13	Maharashtra	177.50	139.71	88.38	129.94	247.50	231.08
14	Odisha	10.14	10.57	8.35	3.77	10.80	4.84
15	Punjab	0.00	1.45	0.00	2.37	1.18	2.85
16	Rajasthan	75.00	71.19	52.38	40.96	72.00	47.46
17	Tamil Nadu	56.63	89.39	72.75	82.43	110.00	89.56
18	Telangana	77.57	66.02	95.15	100.13	165.00	171.52
19	Uttarakhand	6.97	4.39	3.50	3.45	10.00	9.26
20	Uttar Pradesh	3.00	3.28	7.50	1.83	12.00	10.31
21	West Bengal	0.00	0.00	0.00	0.00	3.90	0.01
22	Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00
23	Assam	1.00	1.00	0.50	0.00	0.00	0.50
24	Manipur	2.72	2.72	1.36	0.00	0.00	0.00
25	Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00
26	Mizoram	4.50	4.50	2.25	2.27	3.90	0.00
27	Nagaland	0.00	0.00	0.00	0.00	0.00	0.17
28	Sikkim	4.26	3.07	4.26	5.53	3.90	0.00
29	Tripura	2.00	2.00	0.00	0.00	0.00	0.00
	Grand Total	962.65	1053.97	1000.28	1015.24	1469.67	1456.55

* Utilization may also include unspent balance of releases in previous year(s).
