

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

LOK SABHA
UNSTARRED QUESTION NO. 2555
TO BE ANSWERED ON THE 14TH DECEMBER, 2021

MICRO-IRRIGATION PROJECTS

2555. SHRI G.M. SIDDESHWAR:
SHRI JAYANT SINHA:

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

(a) the details of micro/drip irrigation systems that the Government has promoted and operationalized to improve efficient usage of water for agriculture in the last three years, State-wise, including Jharkhand;

(b) the details of the number of beneficiaries and the acreage of land covered under advanced irrigation systems, till date, State-wise, including Jharkhand;

(c) whether the Ministry has studied the impact of micro-irrigation projects on farmers' income, if so, the details thereof;

(d) the total number of farmers who have adopted micro-irrigation projects, State-wise; and

(e) the total number of micro-water harvesting structures constructed during the last three years, State-wise?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a), (b) & (d): The Government of India is promoting MicroIrrigation viz. Drip and Sprinkler systems in the Country for enhancing water use efficiency at farm level under the Per Drop More Crop component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY-PDMC) from 2015-16. Under PMKSY-PDMC, total area of 59.37 lakh ha has been covered under Micro Irrigation in the country from 2015-16 till date. The State wise area covered under Micro Irrigation and number of farmers benefitted including the State of Jharkhand through PMKSY-PDMC since inception including the last three years is given at **Annexure-I and II**.

(c): Recent evaluation study of the scheme conducted by NITI Aayog indicated that the Micro Irrigation is relevant in achieving the National Priorities such as substantially improving on-farm water use efficiency, enhancing crop productivity, generating employment opportunities etc. Further, the scheme has been quite effective in terms of ensuring benefits to farmers with high productivity, reducing fertilizer usage, reduction in labour expenses, other input costs and overall income enhancement of farmers.

(e) Besides promoting Micro Irrigation, the PMKSY- PDMC also supports Micro level water storage/ conservation activities to supplement the source creation for the micro irrigation. During the last three years, about 2.21 lakh number of water harvesting structures are created under PMKSY- PDMC. The Statewise details are given at **Annexure-III**.

Annexure- I

**Annexure to Lok Sabha Unstarred Question No. 2555 for answer on 14.12.2021
Year-wise area covered under Micro Irrigation PDMC-PMKSY (2015-16 to 2021-22)**

Area in Ha

S. No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (as on 22.11.21)	Total
1	Andhra Pradesh	94104	141098	186441	200269	122080	-		743992
2	Bihar	5155	4228	3143	924	3967	1275	825	19517
3	Chhattisgarh	8056	19227	13087	18929	27688	18634	1037	106658
4	Goa	92	123	236	-	285	132		868
5	Gujarat	142681	165948	143134	140778	107649	101329	46344	847863
6	Haryana	3117	5701	10751	10469	22652	12446		65136
7	Himachal Pr.	3306	937	1197	422	2573	2051		10486
8	Jharkhand	4528	5810	1544	3978	5989	1909		23758
9	J&K	-	-	-	-	70	1020		1090
10	Karnataka	64220	139405	236107	234853	250591	321178		1246354
11	Kerala	561	310	358	965	583	389		3166
12	Madhya Pradesh	75224	54323	39761	35195	14597	17717	894	237711
13	Maharashtra	35242	106172	132829	159959	171097	49878		655177
14	Odisha	2907	4611	3036	10081	8498	13592		42725
15	Punjab	1799	1950	600	507	942	742		6540
16	Rajasthan	56346	47650	48205	53982	58573	69191	37622	371569
17	Tamil Nadu	32288	44778	105695	172445	263494	214147	60409	893256
18	Telangana	39864	61980	89474	40381	4548	11308	6479	254034
19	Uttarakhand	721	3199	2182	4256.41	6790	4128	3877	25153
20	Uttar Pradesh	1598	32511	28235	55086	56953	58104	36508	268995
21	West Bengal	-	-	2137	13370	21824	14821		52152
22	Arun. Pradesh	-	-	-	-	-	6898		6898
23	Assam	-	-	782	70	10873	6731	3391	21847
24	Manipur	-	-	-	1600	2554	4455	4242	12851
25	Mizoram	398	-	-	-	2348	519		3265
26	Nagaland	-	-	-	-	2830	1520	5460	9810
27	Sikkim	773	-	-	-	2524	3000		6297
	Grand Total	572980	839961	1048934	1158519	1172572	937114	207088	5937168

Annexure- II

**Annexure to Lok Sabha Unstarred Question No. 2555 for answer on
14.12.2021**

**Number of farmers adopted Micro Irrigation under PMKSY – Per Drop More
Crop since 2015-16 to 2021-22 (till date)**

S No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total
1	Andhra Pradesh	93622	127174	163824	171535	103188			659343
2	Bihar	3405	3877	3501	2066	1718	1408		15975
3	Chhattisgarh	8103	20488	14071	21423	31361	21470	1351	118267
4	Goa	-	130	247	174	93	159		803
5	Gujarat	127785	118293	84365	84399	76425	74414	33387	599068
6	Haryana	13111	5961	9382	9392	11861	14992		64699
7	Himachal Pradesh	2356	1845	265	502	4530	3000	320	12818
8	Jharkhand	6367	3271	1521	6934	10782	3148		32023
9	Jammu & Kashmir	-	-	-	-	53	1020		1073
10	Karnataka	112903	165795	212183	227382	248937	326814	820	1294834
11	Kerala	852	758	556	1803	450	390		4809
12	Madhya Pradesh	41922	35732	24904	26093	16193	8846		153690
13	Maharashtra	46526	124958	183300	175084	199262	21980		751110
14	Odisha	3312	5124	6491	23168	20950	463		59508
15	Punjab	1452	1486	379	337	511	582		4747
16	Rajasthan	27350	24354	31397	32086	42977	46849	26873	231886
17	Tamil Nadu	31614	60700	3589	156056	190025	208639	59440	710063
18	Telangana	39545	55118	83461	37596	3831	9574	8075	237200
19	Uttarakhand	1633	5220	3016	9618	9472	7081		36040
20	Uttar Pradesh	1475	9454	19924	38247	41842	43346	22536	176824
21	West Bengal	-	844	2574	7386	18489	20207		49500
22	Arunachal Pradesh	-	-	108	2727	5296	7909		16040
23	Assam	-	208	744	379	10949	6682		18962
24	Manipur	250	250	361	2562	4308	3308	4242	15281
25	Mizoram	221	1056	1274	1165	1371	952		6039
26	Nagaland	-	-	143	871	1347	970	5460	8791
27	Sikkim	1932	1658	-	6021	4191	3580	4492	21874
	Total	565736	773754	851580	1045006	1060412	837783	166996	5301267

Annexure-III

Annexure to Lok Sabha Unstarred Question No. 2555 for answer on 14.12.2021

Micro Water Harvesting Structures created under PMKSY-PDMC during the last three years

S.N.	States	2018-19	2019-20	2020-21
1	Andhra Pradesh	38035	35556	910
2	Bihar	-	554	-
3	Chhattisgarh	555	700	-
4	Goa	25	168	-
5	Gujarat	1040	979	289
6	Haryana	242	368	-
7	Himachal Pradesh	946	198	123
8	Jharkhand	2979	1066	-
9	Karnataka	3429	2842	849
10	Kerala	545	228	125
11	Madhya Pradesh	-	-	87
12	Maharashtra	6867	23056	300
13	Odisha	2254	1539	341
14	Punjab	36	1	6
15	Rajasthan	16478	3797	3107
16	Tamil Nadu	26279	9533	1277
17	Telangana	2589	-	-
18	Uttarakhand	1988	1279	648
19	Uttar Pradesh	4347	5363	1880
20	West Bengal	912	137	2
21	Arunachal Pradesh	686	817	-
22	Assam	70	75	59
23	Manipur	460	264	128
24	Meghalaya	142	-	-
25	Mizoram	1140	705	294
26	Nagaland	4480	2029	355
27	Sikkim	582	338	-
28	Tripura	456	692	-
29	Andaman Nicobar	12	14	-
30	Jammu & Kashmir	352	17	138
	Total	117926	92315	10918
