

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

LOK SABHA
UNSTARRED QUESTION NO.3565
TO BE ANSWERED ON THE 10TH AUGUST, 2021

COVERAGE UNDER PMKSY

3565. COL. RAJYAVARDHAN RATHORE:

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

- (a) the number of farmers and area of land covered under the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), State-wise including Rajasthan, district-wise;
- (b) the amount/funds distributed to various State Governments under the scheme; and
- (c) whether the Government is taking any steps to cushion the impact of delayed monsoons on decreased sowing of Kharif crops on farmers across the country?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a)&(b): Government is implementing the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) from 2015-16 with the motto of 'Har Khet Ko Paani' for providing end-to-end solutions in irrigation supply chain, viz. water sources, distribution network and farm level applications. The PMKSY has four components and the details are as under:

- i. **PMKSY- Accelerated Irrigation Benefit Programme (AIBP):** This component is being implemented by the Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD &GR). During 2016-17, ninety-nine (99) on-going Major/Medium irrigation projects (and 7 phases), in the country having balance estimated cost of Rs.77,595 cr. (Central Assistance-Rs.31342.50 crore and State Share-Rs.46253 crore) have been prioritised in consultation with States for completion in phases. Funding mechanism has been approved by the Government for providing Central and State Share under Long Term Irrigation Fund (LTIF) through National Bank for Agriculture and Rural Development (NABARD). Out of these 99 prioritized projects, two projects namely Narmada Canal and Modernization of Gang Canal benefitting Jalore, Barmer and Sriganganagar districts of Rajasthan. AIBP works of both the

projects have been reported to be completed. During 2016-17 to 2020-21, Central Assistance of Rs.458.56 crore has been released for these projects of Rajasthan. Total irrigation potential of 315.57 th ha. has been reported to be created upto March, 2021 in Rajasthan. Out of which, irrigation potential of 7.24 th ha has been reported to be created by these projects, during 2016-17 to 2020-21. State-wise detail of Central Assistance released & Irrigation Potential created is at given at **Annexure-I**.

Under Command Area Development & Water Management (CADWM) Programme, as per information provided by the States, about 20.67 lakh Ha of Culturable Command Area (CCA) has been developed during last 6 years (2015-16 to 2020-21) including Rajasthan. State-wise details of Central Assistance released and Culturable Command Area (CCA) developed under CADWM is given at **Annexure-II**.

ii. **PMKSY-Har Khet Ko Pani (HKKP)**: This component is also being implemented by the DoWR, RD & GR.

The scheme of Surface Minor Irrigation (SMI) and Repair, Renovation and Restoration (RRR) of Water Bodies are a part of HKKP. Under SMI scheme, since 12th plan onwards, 6213 schemes are ongoing with an estimated cost of Rs. 13473 crore. Central Assistance (CA) of Rs. 7957 crore has been released to states upto March, 2021. Further, 3884 schemes have been reported to be completed upto March, 2021. Target irrigation potential creation of these schemes is 10.53 Lakh Ha and out of this, 6.85 Lakh Ha is reported to be created till March, 2021. During the current financial year, Rs. 17.72 crore has been released to SMI schemes till date.

Under the RRR of Water Bodies scheme, since 12th plan onwards, 2228 schemes are ongoing with an estimated cost of Rs. 1914.86 crore. Central Assistance of Rs. 469.69 crore has been released to states upto March, 2021. Further, 1549 water bodies have been reported to be completed upto March, 2021. Target irrigation potential restoration of these schemes is 1.89 Lakh Ha and out of this, 1.31 Lakh Ha is reported to be restored till March, 2021. 2 clusters of 68 water bodies have been included during 2014-15 to 2017-18 from the State of Rajasthan under this scheme with total estimated cost of Rs. 187.82 crore and targeted Irrigation potential of 0.1319 Lha. So far, total Central Assistance of Rs. 62.18 crore has been released to these schemes and 66 schemes have been reported complete with achievement of 0.1019 Lakh ha Irrigation potential till date. Districts covered by these schemes are Ajmer, Banswara, Bhilwara, Bundi, Chittorgarh, Dholpur, Jalore, Jodhpur, Karoli, Kota, Madhopur, Pali, Pratapgarh, Sawai, Sikar, Sirohi, Tonk and Udaipur. State-wise details of Central Assistance released and potential achieved/ restored under SMI and RRR of Water Bodies schemes is given as **Annexure-III & IV**.

iii. **PMKSY- Watershed Development (WDC)**: The Department of Land Resources (DoLR) implements WDC for development of rainfed/degraded lands. DoLR has sanctioned, 8214 watershed development projects covering an area of about 39.07 million hectare in 28 States (except Goa) [now 27 States and UTs of J & K and Ladakh) including Rajasthan during the period 2009-10 to 2014-15 under Integrated Watershed Management Programme (IWMP). As per the decision at highest level, 1832 projects (345 uninitiated and 1487 in preparatory stage) were transferred to various States in 2018 to implement with their own budget. Therefore, DoLR has been implementing only 6382 projects. The project period of the scheme got over on 31st March 2021. IWMP was amalgamated as WDC in 2015-16.

The State wise details of projects sanctioned, area covered, funds released as central share from 2009-10 to 2021-22 and farmers benefited (2014-15 to 2021-22,Q1) are given at **Annexure-V**.

- iv. **PMKSY-Per Drop More Crop (PDMC)**: This component is being implemented by the Department of Agriculture & Farmers Welfare (DA&FW). The PDMC focuses on enhancing water use efficiency at farm level through Micro Irrigation technologies viz. Drip and Sprinkler Irrigation. The State wise details of Central Assistance released, area covered under micro irrigation and number of farmers benefitted from micro irrigation under PDMC is given at **Annexure-VI**. District wise details of area covered under micro irrigation and number of farmers benefitted in the State of Rajasthan under PDMC is given at **Annexure-VII**.

(c): The DA&FW is implementing various programmes/schemes such as Rainfed Area Development Programme to promote Integrated Farming System for enhancing productivity and minimizing risks associated with climatic variability; National Food Security Mission for Cultivation of pulses and coarse cereals and oilseeds as these crops require less water; Crop Diversification Programme (CDP) to diversify cropping pattern away from water guzzling paddy; Mission for Integrated Development of Horticulture (MIDH) for holistic growth of horticulture sector covering fruits, vegetables, root and tuber crops, mushrooms, spices, etc. Under these schemes, the financial assistance and advisories are provided to farmers for adopting the best practices for efficient water management and agro ecologically suitable crops.

Indian Council for Agricultural Research (ICAR)-Central Research Institute for Dryland Agriculture (CRIDA) is providing weather based agro-advisories to the farmers to cushion the impact of delayed monsoons during kharif season across the country. It has also prepared District Agricultural Contingent Plans to facilitate appropriate agro-advisories to farmers in the event of adverse climatic situations including delayed Monsoon. ICAR suggests drought tolerant short duration varieties, diversified farming systems, in-situ and ex-situ water conservation measures to tackle such a situation.

Annexure to Lok Sabha Unstarred Question No. 3565 for answer on 10.8.2021

Detail of Central Assistance released & Irrigation Potential created under AIBP

Sl. No.	STATE	Central Assistance Released 2016-21 (Rs. in crore)	Irrigation Potential Created) 2016-21 (in thousand hectare)
1	Andhra Pradesh	22.63	24.327
2	Assam	0	29.445
3	Bihar	110.24	12.98
4	Chhattisgarh	41.08	16.76
5	Goa	0	0.229
6	Gujarat	4082.964	569.912
7	UT of J&K and Laddakh	42.68	5.58
8	Jharkhand	756.73	79.80
9	Karnataka	1186.62	115.76
10	Kerala	0	2.058
11	Madhya Pradesh	608.82	175.15
12	Maharashtra	1863.95	271.56
13	Manipur	228.35	13.42
14	Odisha	1208.87	55.15
15	Punjab	52.42	13.06
16	Rajasthan	458.56	7.24
17	Telangana	937.53	138.063
18	Uttar Pradesh	1397.91	743.868
	Total	12999.35	2274.362

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State-Wise Physical progress (Central Assistance released and Culturable Command Area covered) under PMKSY (CADWM Programme) during 2015-16 to 2020-21

Sr. No	Name of the State	Culturable Command Area covered (in Th. ha)	Central Assistance released (Rs in Crore)
1	Andhra Pradesh	0.000	69.18
2	Arunachal Pradesh	0.000	8.31
3	Assam	25.730	31.87
4	Bihar	17.247	43.57
5	Chhattisgarh	2.879	21.71
6	Goa	1.050	3.84
7	Gujarat	1197.582	2073.87
8	Haryana	58.754	77.39
9	Himachal Pradesh	0.000	1.67
10	Jammu & Kashmir	7.036	31.24
11	Karnataka	34.830	136.37
12	Kerala	0.600	4.61
13	Madhya Pradesh	267.345	399.07
14	Maharashtra	102.519	124.80
15	Manipur	8.670	27.92
16	Odisha	145.473	189.91
17	Punjab	82.046	174.00
18	Rajasthan	76.948	164.61
19	Tamil Nadu	5.140	29.27
20	Telangana	10.680	36.34
21	Uttar Pradesh	23.412	232.93
22	West Bengal	0.000	7.55
	TOTAL :	2067.941	3890.06

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State-wise details of Central Assistance released and potential achieved under SMI scheme since 2015-16 onwards

S. No.	State	Central Assistance (in crore)	Potential achieved (in lakh ha)
1.	ArunachalPradesh	212.43	0.1
2.	Assam	1651.06	1.23
3.	Bihar	65.43	0.47
4.	Chhattisgarh	32.77	0.19
5.	HimachalPradesh	324.32	0.11
6.	J&K & Ladakh	386.39	0.31
7.	Jharkhand	0	0.06
8.	Karnataka	0	0.12
9.	MadhyaPradesh	0	0.35
10.	Manipur	151.49	0.09
11.	Meghalaya	228.22	0.11
12.	Mizoram	29.22	0.02
13.	Nagaland	180.98	0.07
14.	Sikkim	48.41	0.05
15.	Tripura	9	0
16.	Uttarakhand	246.55	0.21
	Total	3566.27	3.49

Annexure to Lok Sabha Unstarred Question No. 3565 for answer on 10.8.2021

State-wise details of Central Assistance released and potential achieved under RR of Water Bodies scheme since 2015-16 onwards RRR Scheme

Sl No.	State	Central Assistance (in crore)	Potential restored (in lakh ha)
1.	Andhra Pradesh	2.7	0
2.	Bihar	18.08	0.18
3.	Gujarat	8.81	0
4.	Madhya Pradesh	0	0.22
5.	Manipur	24.26	0
6.	Meghalaya	2.66	0.01
7.	Odisha	92.29	0.47
8.	Rajasthan	62.19	0.1
9.	Tamil Nadu	34.25	0.04
10.	Telangana	104.56	0.17
11.	Uttar Pradesh	16.41	0
	Total	366.21	1.19

Annexure to Lok Sabha Unstarred Question No. 3565 for answer on 10.8.2021

State-wise details of number of projects sanctioned, area covered, Central funds released and farmers benefitted under WDC-PMKSY

Sl. No	State	Total no of project sanctioned	Area covered (m. ha)	Central funds released during 2009-10 to 2021-22 (Rs.in crore)	Farmers benefitted (from 2014-15 to 2021-22 Q1)*
1	Andhra Pradesh	432	1.810	1178.91	282928
2	Arunachal Pradesh	156	0.467	305.84	26017
3	Assam	372	1.577	672.37	285286
4	Bihar	123	0.612	239.68	81588
5	Chhattisgarh	263	1.195	354.95	55937
6	Gujarat	610	3.103	1366.57	87700
7	Haryana	88	0.362	119.51	36250
8	Himachal Pradesh	163	0.840	350.45	70568
9	Jharkhand	171	0.911	270.21	104341
10	Karnataka	571	2.569	1900.86	188067
11	Kerala	83	0.423	158.07	202694
12	Madhya Pradesh	517	2.937	1716.05	188694
13	Maharashtra	1186	5.128	2516.95	194037
14	Manipur	102	0.491	150.56	167981
15	Meghalaya	96	0.236	174.22	16223
16	Mizoram	89	0.373	282.16	60471
17	Nagaland	111	0.476	640.38	16388
18	Odisha	310	1.700	1089.17	101638
19	Punjab	67	0.314	60.42	9162
20	Rajasthan	1025	5.764	2984.60	349673
21	Sikkim	15	0.066	24.21	1005
22	Tamil Nadu	270	1.368	924.94	286591
23	Telangana	330	1.399	684.14	80397
24	Tripura	65	0.213	222.70	11866
25	Uttarakhand	65	3.046	131.08	314110
26	Uttar Pradesh	612	0.346	808.49	54281
27	West Bengal	163	0.693	271.02	80652
28	^UT of Jammu & Kashmir	144	0.605	322.03	108792
29	UT of Ladakh	15	0.047	6.15	396
	Total	8214	39.07	19926.669	3463733

*Information collected from 2014-15

^ Figures relating to UT of Jammu & Kashmir at Sl. No.28 are composite figures for the UTs of Jammu & Kashmir and Ladakh upto 2019-20.

Note: There is no sanctioned project in Goa.

Annexure to Lok Sabha Unstarred Question No. 3565 for answer on 10.8.2021

The State wise details of Central Assistance released, area covered under micro irrigation and Number of farmers benefitted from micro irrigation under PMKSY-PDMC (2015-16 to 2021-22 to till date)

S. No.	State	Central Assistance Released (Rs in Crore)	Area covered under Micro Irrigation (Area in Ha)	Number of farmers benefitted for Micro Irrigation
1	Andhra Pradesh	2104.16	743992	659343
2	Bihar	90.61	18692	15777
3	Chhattisgarh	240.64	105621	113438
4	Goa	2.80	868	803
5	Gujarat	1612.55	815700	575968
6	Haryana	218.19	65136	64699
7	Himachal Pra.	116.85	10486	13448
8	Jharkhand	145.64	23758	32023
9	Jammu & Kashmir	58.07	1090	1073
10	Karnataka	2309.15	1246354	1294014
11	Kerala	42.53	3166	4809
12	Madhya Pradesh	792.40	236817	156619
13	Maharashtra	1760.46	655177	751110
14	Odisha	231.40	42725	59508
15	Punjab	53.18	6540	4855
16	Rajasthan	822.82	333947	216192
17	Tamil Nadu	1920.83	832847	676775
18	Telangana	679.32	247555	230035
19	Uttarakhand	176.80	21276	36040
20	Uttar Pradesh	521.79	232487	154288
21	West Bengal	176.70	52152	49500
22	Arunachal Pradesh	88.40	6898	16040
23	Assam	91.03	18456	21157
24	Manipur	121.36	8609	11039
25	Meghalaya	31.73	-	-
26	Mizoram	104.47	3265	6039
27	Nagaland	136.64	4350	5581
28	Sikkim	136.24	6297	17382
29	Tripura	51.50	-	-
30	A&N Island	0.70	-	-
31	Puducherry	2.03	-	-
32	Ladakh	2.40	-	-
	Total	14843.39	5744261	5187555

Annexure to Lok Sabha Unstarred Question No. 3565 for answer on 10.8.2021

District wise details of area covered under micro irrigation and number of farmers benefitted from micro irrigation in the State of Rajasthan under the PDMC (2015-16 to 2021-22 to till date)

S. No.	District	Area covered under Micro Irrigation (Area in Ha)	Number of farmers benefitted for Micro Irrigation
1	Ajmer	5410	4426
2	Alwar	7691	6617
3	Banswara	4209	4301
4	Baran	2836	1905
5	Barmer	24539	11512
6	Bharatpur	1130	2002
7	Bhilwara	20625	15138
8	Bikaner	22023	7327
9	Bundi	6268	4500
10	Chittor	11313	8674
11	Churu	13654	6540
12	Dausa	5511	4726
13	Dholpur	483	404
14	Dungarpur	1624	1811
15	Gangangar	13366	5912
16	Hanumangarh	19909	8456
17	Jaipur	25836	26565
18	Jaisalmer	7721	3241
19	Jalore	30393	22468
20	Jhalawar	10357	11295
21	Jhunjhunu	12338	6402
22	Jodhpur	17455	12581
23	Karuali	1836	1353
24	Kota	4421	2913
25	Nagaur	4518	2765
26	Pali	5640	2468
27	Partapgarh	10089	7593
28	Rajsamand	2079	1491
29	S.modhpur	10756	6286
30	Sikar	14853	12550
31	Sirohi	4591	3170
32	Tonk	9001	3988
33	Udaipur	1471	1788
	Total	333946	223168
