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

RAJYA SABHA
UNSTARRED QUESTION NO. 3366
TO BE ANSWERED ON THE 01/04/2022

PERFORMANCE UNDER IRRIGATION SCHEMES

3366. DR. L. HANUMANTHAIAH:
SMT. PHULO DEVI NETAM:

Will the Minister of AGRICULTURE AND FARMERS' WELFARE be pleased to state:

(a) whether Government is on track to meet the objective of irrigation to all farms, with improved on-farm water-use efficiency (more crop per drop) by 2022 as per the Niti Aayog Strategy for New India report;

(b) the number of irrigation projects sanctioned and completed, along with funds allocated and released for the same, year-wise since the last five years till date; and

(c) the reasons for poor performance of irrigation schemes, given that net irrigated area comprises only 49 per cent of the net sown area as per the Economic Survey of India 2021-22?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NARENDRA SINGH TOMAR)

(a) to (c): With the motto of irrigation to all farms and improve on-farm water-use efficiency, Government is implementing Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) from the year 2015-16. The same objective also envisaged in the Niti Aayog Report on Strategy for New India @75.

Department of Water Resources, River Development & Ganga Rejuvenation (DoWR,RD&GR) is implementing Accelerated Irrigation Benefit Programme (AIBP) and Har Khet Ko Pani (HKKP) components of PMKSY which covers major, medium and minor irrigation projects. Under PMKSY, 99 prioritized Accelerated Irrigation Benefit Programme (AIBP) Projects including their Command Area Development and Water Management (CADWM) activities have been identified during 2016-17 for expeditious completion through Mission Mode by adopting innovative funding of creation of 'Long Term Irrigation Fund' under NABARD. Out of the identified 99 projects, 46 projects have been reported to be completed and an additional irrigation potential of 22.74 lakh ha has been created by these projects. Central Assistance (CA) released to States and potential created under both AIBP and CADWM components of prioritized 99 projects is at **Annexure-I & II** respectively.

Further, the State-wise details of Central Assistance released including Uttar Pradesh and potential achieved during last three years, under Repair, Renovation and Rejuvenation of Water Bodies (RRR) and Surface Minor Irrigation (SMI) sub components of PMKSY-HKKP is at **Annexure-III and IV,** respectively.

As per latest available reports, Net Area Sown in the Country is 139.35million hectare and out of which Net Irrigated Area is 71.55 million hectare. Further, Government is making consistent efforts for increasing coverage of irrigation in the Country through various irrigation projects. However, some of the constraints in implementation of irrigation schemes are; absence of hydraulic connectivity up to outlet, unwillingness of farmers due to loss of land for construction of field channels, ineffective irrigation management, operation and maintenance below Government controlled outlet, capacity related issues of implementing agencies & contractors / suppliers, State budget constraints, etc.

Annexure-I

Rajya Sabha Unstarred Question No. 3366 for answer on 01.04.2022

Statewise Details of CA released and potential created for Projects under PMKSY-AIBP

All cost/ CA in Rs. Cr., Potential in Th. Ha.

State	Project	CA released							Potential Created					
		2016-17	2017-18	2018-19	2019-20	2020-21	2016-21	2021-22	2016-17	2017-18	2018-19	2019-20	2020-21	2016-21
Andhra Pradesh	8	7.4	15.23	0	0	0	22.63	0	11.889	10.409	2.027	0	0	24.325
Assam	3	0	0	0	0	0	0	0	28.277	0	1.165	0	0	29.442
Bihar	2	0	46.32	37.82	11.98	14.12	110.24	0	10.31	0.4	0.2	1.87003	0.2	12.98003
Chhattis-garh	3	13.29	17.25	0	4.09	6.4496	41.0796	3.1188	6.66	9.96	0	0.035	0.1	16.755
Goa	1	0	0	0	0	0	0	0	0.05	0	0.179	0	0	0.229
Gujarat	1	961.879	1410.485	1047.29	485.35	177.9566	4082.961	357.2752	116.5	312.18	98.632	28.688	13.911	569.911
Jharkhand	1	145.75	305.1	305.88	0	0	756.73	0	79.19	0	0	0	0.612	79.802
Karnataka	5	135.464	459.52	197	163.42	231.22	1186.624	0	24.618	81	6.87	1.932	1.336	115.756
Kerala	2	0	0	0	0	0	0	0	0.07	0.24	0.798	0.946	0	2.054
Madhya Pradesh	21	300.133	181.266	81.01	26.45	19.96	608.819	29.7354	73.733	72.28	16.175	11.22354	1.741	175.1525
Maharashtra	26	379.8625	363.0218	527.54	291.68	301.8468	1863.951	185.5006	66.509	31.494	74.104	66.22438	33.243	271.5744
Manipur	2	126.994	25.42	21.93	30.5	23.51	228.354	11.754	4	3.24	2.39	0.004	3.786	13.42
Odisha	8	457.737	464.708	119.38	90.65	76.387	1208.862	0	5.42	17.61	13.1	15.197	3.821	55.148
Punjab	2	52.416	0	0	0	0	52.416	0	0	11.62	0	0	1.44	13.06
Rajasthan	2	45.89	216.866	95.15	7.04	93.61	458.556	0	0	7.05	0.12	0.07	0	7.24
Telangana	11	545.434	13.242	1.999	214.04	162.82	937.535	0	20.107	84.12	9.733	3.736616	20.358	138.0546
Uttar Pradesh	4	135.632	65.6	397.16	407.68	391.84	1397.912	0	67.4	61.132	384.878	181.9728	48.49	743.8728
UT - J&K	3	0	8.2162	16.92	5.07	9.5	39.7062	0	0	0	0	5.255	0.899	6.154
UT - Ladakh	1	0	1.356	0	0.81	0.81	2.976	0	0	0	0	0	0	0
Total	106	3307.882	3593.601	2849.079	1738.76	1510.03	12999.35	587.384	514.733	702.735	610.371	317.1543	129.937	2274.93

Annexure-II

Rajya Sabha Unstarred Question No. 3366 for answer on 01.04.2022

Statewise Details of CA released and CCA for Projects under CADWM component for 99 prioritized projects

All cost /CA in Rs. Cr., Potential in Th. Ha.

Name of the State/UT	Targets			Financial Progress							Physical Progress						
	CCA Target	Total Expenditure Target	CA Target	CA released 2016-17	CA release 17-18	CA release 18-19	CA release 19-20	CA release 20-21	CA release 21-22	Total CA release	Progress 2016-17	Progress 2017-18	Progress 2018-19	Progress 2019-20	Progress 2020-21	Progress 2021-22*	Total Physical CCA
Andhra Pradesh	178.62	970.98	349.37	0.00	0.00	69.18	0.00	0.00	0.000	69.18	0.00	0.00	0.00	0.00	0.00	0.93	0.93
Assam	49.69	215.46	96.64	0.00	0.00	3.55	0.00	4.00	0.000	7.55	0.00	0.00	11.92	7.97	3.51	2.00	25.40
Bihar	30.51	142.40	50.66	12.64	8.76	14.42	0.00	0.00	0.000	35.82	2.25	5.49	4.00	2.47	3.04	1.02	18.27
Chhattisgarh	42.63	159.76	79.57	0.00	11.78	9.93	0.00	0.00	0.000	21.71	0.00	0.00	0.00	0.00	0.00	2.07	2.07
Goa	11.78	137.92	18.77	0.00	0.00	0.00	0.00	3.84	0.000	3.84	0.01	0.01	0.75	0.08	0.20	0.00	1.05
Gujarat	1363.86	5021.77	2510.88	681.64	690.48	347.04	0.00	0.00	0.000	1719.15	385.28	290.00	260.17	1.59	1.57	59.57	998.18
Jammu & Kashmir	2.46	11.37	5.24	0.00	0.00	1.70	0.00	1.87	0.000	3.57	0.00	0.00	0.97	0.53	0.19	0.03	1.72
Jharkhand	66.65	747.53	133.32	0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Karnataka	84.02	1016.59	175.60	31.42	15.24	13.49	3.79	11.34	0.000	75.28	11.08	10.95	8.92	3.79	0.10	3.44	38.28
Kerala	18.48	107.30	48.72	0.00	0.00	0.00	0.00	2.69	0.000	2.69	0.00	0.00	0.00	0.30	0.30	0.00	0.60
Madhya Pradesh	595.52	2536.99	1259.02	77.75	102.79	70.91	0.00	43.32	15.758	310.52	74.94	85.06	46.94	17.40	24.10	12.60	261.03
Maharashtra	500.60	2065.79	967.09	15.17	32.83	25.79	0.00	46.23	21.453	141.47	7.63	16.56	40.81	19.65	24.23	16.17	125.04
Manipur	13.06	87.55	44.36	0.00	0.00	0.00	0.00	0.00	0.485	0.49	0.00	0.00	5.03	0.00	3.64	0.00	8.67
Orissa	236.40	1266.06	420.40	35.28	58.57	3.65	0.00	34.47	0.000	131.96	10.47	24.40	19.08	9.61	8.03	4.25	75.84
Punjab	142.66	475.48	228.87	0.00	0.00	0.00	0.00	18.08	0.000	18.08	0.00	0.00	0.00	0.00	0.00	20.53	20.53
Rajasthan	117.98	450.88	230.05	0.00	2.48	7.43	10.22	31.26	61.258	112.65	6.86	7.22	7.08	0.46	9.11	22.77	53.50
Telangana	529.03	1460.73	702.21	0.00	10.22	26.12	0.00	0.00	0.000	36.34	0.00	0.00	0.00	10.68	0.00	0.00	10.68
Uttar Pradesh	524.38	1861.67	914.93	0.00	0.00	0.00	150.00	6.00	0.000	156.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL :	4508.33	18736.21	8235.70	853.90	933.13	593.21	164.01	203.10	98.9537	2846.31	498.51	439.70	405.66	74.54	78.01	145.38	1641.80

Annexure-III

Rajya Sabha Unstarred Question No. 3366 for answer on 01.04.2022

State-wise details of potential achieved and Number of schemes completed under SMI and RRR of Water Bodies scheme since 2018-19 onwards

Potential achieved in in lakh ha

Sl. No.	Name of the State	2018-19		2019-20		2020-21	
		Potential Achieved	Number of Schemes completed	Potential Achieved	Number of Schemes completed	Potential Achieved	Number of Schemes completed
Surface Minor Irrigation (SMI) Scheme							
1	Arunachal Pradesh	0.0058	130	0.0279	14	0.0009	0
2	Assam	0.0995	0	0.0673	15	0	143
3	Bihar	0.09703	12	0.08657	27	0.01302	0
4	Chhattisgarh	0.005	4	0	0	0	0
5	Himachal Pradesh	0.02153	12	0.05457	8	0.07018	56
6	Jharkhand	0.046	38	0	0	0	0
7	Karnataka	0	5	0	0	0	0
8	Madhya Pradesh	0	0	0	2	0	0
9	Manipur	0.00704	102	0	0	0	0
10	Meghalaya	0	0	0.0307	37	0.0073	5
11	Mizoram	0	0	0.01589	0	0.00153	0
12	Nagaland	0.0202	0	0.0198	0	0	60
13	Sikkim	0.002508	0	0.008287	0	0	0
14	Tripura	0	0	0	0	0	0
15	Uttarakhand	0.01962	137	0.046	96	0.03	68
16	UT of J&K	0.08887	10	0.01827	0	0	0
17	UT of Ladakh	0.034545	1	0.004128	0	0	0
	TOTAL (SMI)	**0.447643**	**451**	**0.379415**	**199**	**0.12293**	**332**
Repair, Renovation & Restoration (RRR) of Water Bodies							
1	Andhra Pradesh	0	0	0	0	0	0
2	Bihar	0	0	0	6	0.17873	0
3	Gujarat	0	0	0.0014	3	0	0
4	Madhya Pradesh	0	0	0	3	0	0
5	Manipur	0	0	0	0	0	0
6	Meghalaya	0	0	0.00027	4	0	0
7	Orissa	0.025065	62	0.01457	33	0	0
8	Rajasthan	0.0285167	21	0	14	0	0
9	Tamilnadu	0.00736885	31	0.00921043	42	0	18
10	Telengana	0.08509	214	0.03621	57	0.00802	66
11	Uttar Pradesh	0.02354	8	0	0	0	0
	Total (RRR)	**0.16958055**	**336**	**0.06166043**	**162**	**0.18675**	**84**

Annexure-IV

Rajya Sabha Unstarred Question No. 3366 for answer on 01.04.2022

State-wise details of CA released under SMI and RRR of Water Bodies scheme since 2018-19 onwards

Rs. Crore

Surface Minor Irrigation (SMI) Scheme					
Sl No.	**State**	**2018-19**	**2019-20**	**2020-21**	**2021-22**
1	Arunachal Pradesh	22.25	17.49	104.69	142.73
2	Assam	428.34	414.06	205.62	258.7
3	Bihar	32.28	16.14	10.65	0
4	Chhattisgarh	0	0	0	0
5	Himachal Pradesh	66.2	147.91	59.8	43.253
6	Jharkhand	0	0	0	0
7	Karnataka	0	0	0	0
8	Madhya Pradesh	0	0	0	0
9	Manipur	0	0	69.26	75.98
10	Meghalaya	31.5	22.22	57.07	92.66
11	Mizoram	0	11.34	7.65	3.82
12	Nagaland	35.33	20.46	35.99	25.9093
13	Sikkim	16.61	9.13	9.33	1.83
14	Tripura	0	9	0	0
15	Uttarakhand	61	31.78	0	15.89
16	UT of J&K	31.7	62.176	96.68	0
17	UT of Ladakh	0	6.4	0.9	0
	Total	**725.21**	**768.106**	**657.64**	**660.7723**
Repair, Renovation & Restoration (RRR) of Water Bodies					
Sl No.	**State**	**2018-19**	**2019-20**	**2020-21**	**2021-22**
1	Andhra Pradesh	2.7	0	0	0
2	Bihar	6.26	11.82	0	8.6225
3	Gujarat	8.81	0	0	0
4	Madhya Pradesh	0	0	0	0
5	Manipur	0	24.26	0	0
6	Meghalaya	0	0	0	0
7	Odisha	0	0	34.54	0
8	Rajasthan	0	11.96	0	0
9	Tamil Nadu	7.03	16.75	1.25	6.6452
10	Telangana	0	0	0	0
11	Uttar Pradesh	0	0	0	0
	Total	**24.8**	**64.79**	**35.79**	**15.2677**

*****