

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

RAJYA SABHA

STARRED QUESTION NO. 194

TO BE ANSWERED ON 23/12/2022

IRRIGATED AND UNIRRIGATED LAND IN THE COUNTRY

*194#. DR. ANIL JAIN

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

- (a) the details of irrigated and unirrigated cultivable land in the country, State-wise;
- (b) the action plan formulated by Government to increase the area of unirrigated cultivable land in the country;
- (c) whether Government has any action plan to increase the area of irrigated and unirrigated cultivable land in Uttar Pradesh including the districts of Firozabad, Agra, Etah, Kasganj and Mainpuri; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NARENDRA SINGH TOMAR)

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

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF RAJYA SABHA
STARRED QUESTION NO 194 REGARDING “IRRIGATED AND UNIRRIGATED
LAND IN THE COUNTRY” DUE FOR REPLY ON 23.12.2022.**

(a): As per the latest available Land Use Statistics, Net Area Sown in the country is 1,39,351 thousand hectare out of which 71,554 thousand hectare area is irrigated. The details of State/UT-wise Net Area Sown, Net Irrigated Area and Net Unirrigated Area in the country are given at **Annexure-I.**

(b) to (d): Government of India is implementing the following programmes/schemes for increasing the area under irrigation in the country.

1. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) is being implemented from the year 2015-16 with an aim to enhance physical access of water on farm and expand cultivable area under assured irrigation and introduce sustainable water conservation practices. The components of PMKSY are as under:

i) Accelerated Irrigation Benefit Programme (AIBP): Major and Medium Irrigation projects including National projects are being implemented by the Department of Water Resources River Development & Ganga Rejuvenation (DoWR, RD&GR). Under AIBP during 2016-17, ninety-nine (including 4 projects in Uttar Pradesh) on-going Major/Medium irrigation projects (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) were prioritised in consultation with States for completion in phases. Out of these projects, AIBP works of 50 prioritized projects have been reported to be completed. During 2016-17 to 2021-2022, total Central Assistance (CA) and State Share (loan through NABARD) of Rs.13,754 crore and Rs.28,423 crore respectively have been released for these projects. With this an additional irrigation potential of 24.35 lakh hectare has been created in the country during 2016-17 to 2021-2022 out of which 7.63 lakh hectares is in Uttar Pradesh.

ii) Har Khet Ko Pani (HKKP) is being implemented by the Department of Water Resources River Development & Ganga Rejuvenation (DoWR, RD&GR). HKKP consists of four sub-components, being Command Area Development & Water Management (CAD&WM), Surface Minor Irrigation (SMI), Repair, Renovation and Restoration (RRR) of Water Bodies, and Ground Water (GW) Development component. CADWM works got restricted to only 99 prioritized AIBP projects in 18 States from 2016-17 onwards. Out of 99 prioritized projects, 88 (includes Narmada Canal Project of Rajasthan for non-structural intervention) projects in balance

Culturable Command Area of 45.08 lakh hectares were included under CADWM programme for the total estimated cost of Rs 18,736 crore with targeted Central Assistance of Rs 8235 crore. From financial year 2016-17 to 2021-22, the Central Assistance amounting to Rs. 2855.63 Crore has been released to the projects and States have reported expenditure of Rs 5620 crore with physical progress in Culturable Command Area of 16.41 lakh hectares. Recently, Government has approved continuation of the scheme till 2026.

As far as the State of Uttar Pradesh is concerned, two projects namely, Arjunsahayak and Saryu Nahar have been included under the CADWM programme for balance Culturable Command Area of 5.24 lakh hectare at a total cost of Rs 1861.67 crore with Central Assistance of Rs 914.93 crore. The Central Assistance amounting to Rs 156 crore has been released to the aforementioned two projects from FY 2016-17 to 2021-22.

iii) Watershed Development Component (WDC) is being implemented by the Watershed Management Division of Department of Land Resources (DoLR) for development of rainfed/degraded lands in the country. The activities undertaken, *inter alia*, include ridge area treatment, drainage line treatment, soil and moisture conservation, rainwater harvesting, nursery raising, pasture development, livelihoods for asset-less persons etc. Under WDC 1.0, through the implementation of 6382 watershed projects funded by DoLR. As on 20.12.2022, out of the 6382 sanctioned projects, 6372 projects in 27 States and UTs of J&K and Ladakh have been reported to be closed /completed, including 249 projects of Uttar Pradesh. Between 2014-15 and 2021-22, 7.65 lakh water harvesting structures have been created / rejuvenated, 16.41 lakh ha additional area has been brought under protective irrigation and 36.34 lakh farmers benefited. In addition to this, about 1.63 lakh ha area has been brought under plantation (Afforestation / Horticulture etc.), 3.36 lakh ha of culturable wastelands has been treated and 388.66 lakh mandays have been generated from 2018-19 to 2021-22.

Government of India approved continuation of programme as WDC-PMKSY 2.0 for the period 2021-22 to 2025-26 with a physical target of 49.5 lakh ha and financial outlay of Rs. 8,134 crore, as the Central share. DoLR has till date sanctioned 1110 projects to States/UTs (including 53 projects in Uttar Pradesh) and Central share of Rs. 1537.41 crore has been released to States /UTs, including Rs.21.78 crore to Uttar Pradesh. The district-wise details of number of projects (under WDC 1.0 and WDC 2.0) sanctioned in Uttar Pradesh state is given at **Annexure-II**

2. Department of Agriculture & Farmers Welfare is implementing Per Drop More Crop (PDMC) Scheme which focuses on enhancing water use efficiency at farm level through Micro

Irrigation namely Drip and Sprinkler Irrigation systems. Under the PDMC 70.04 lakh hectare area is covered under Micro Irrigation. The district-wise area covered under micro irrigation in Uttar Pradesh State including Firozabad, Agra, Etah, Kasganj and Mainpuri districts from 2015-16 to 2021-2022 is given at **Annexure-III**.

3. Under MNREGA, there are 265 works permissible out of which 182 works are related to Natural Resource Management (NRM) and out of the 182 NRM works, 85 works are water related. These works directly or indirectly support water conservation, ground water recharge, climate change and carbon sequestration. A total of 6409852 water bodies such as farm ponds, dug wells, check dams and community ponds (water harvesting & Fishery) have been created since inception under the Scheme. The details of water bodies created since inception are at **Annexure IV**.

As part of Azadi ka Amrit Mahotsav, the Mission Amrit Sarovar has been launched on 24th April 2022 with an objective to harvest and conserve water for future generation. Under the Mission every district of the country has been targeted to construct or rejuvenate at least 75 Amrit Sarovars. Under Amrit Sarovar Mission, the details of works carried out in the said districts of Uttar Pradesh are as below.

Sr. No.	District	Total Number of Sites Identified	Total Number Of Works Commenced Out Of Total Identified Sites	Total Number Of Works Completed Out Of The Commenced Works
1	Agra	180	105	60
2	Etah	174	120	106
3	Firozabad	178	121	102
4	Kasganj	148	107	70
5	Mainpuri	115	75	65
TOTAL		795	528	403

Annexure referred in reply to part (a) of Rajya Sabha Starred Q.No. 194 due for 23.12.2022

State-wise details of Net Irrigated Area, Net Un-Irrigated Area and Net Sown Area in the country
for the year 2018-19 (latest available)

(thousand hectare)

State/ UT	Net Sown Area	Net Irrigated Area	Net Un-Irrigated Area
ANDHRA PRADESH	6049	2796	3253
ARUNACHAL PRADESH	234	55	179
ASSAM	2723	366	2358
BIHAR	5167	3115	2052
CHHATTISGARH	4679	1565	3114
GOA	128	16	112
GUJARAT	10302	4233	6069
HARYANA	3601	3273	328
HIMACHAL PRADESH	542	117	426
JAMMU & KASHMIR	713	329	384
JHARKHAND	1281	231	1050
KARNATAKA	10664	4032	6633
KERALA	2034	404	1629
MADHYA PRADESH	15205	11349	3856
MAHARASHTRA	16815	3145	13670
MANIPUR	441	72	370
MEGHALAYA	255	101	154
MIZORAM	145	16	129
NAGALAND	384	118	266
ODISHA	4006	1092	2914
PUNJAB	4119	4111	8
RAJASTHAN	17778	8283	9495
SIKKIM	77	15	62
TAMIL NADU	4582	2565	2017
TELANGANA	4660	2210	2450
TRIPURA	256	87	168
UTTARAKHAND	648	323	325
UTTAR PRADESH	16538	14392	2146
WEST BENGAL	5248	3107	2141
ANDAMAN & NICOBAR ISLANDS	15	0	15
CHANDIGARH	1	0	1
DADRA & NAGAR HAVELI	20	2	18
DAMAN & DIU	3		3
DELHI	22	22	0
LAKSHADWEEP	3		3
PUDUCHERRY	15	13	2
ALL INDIA	139351	71554	67797

Note:'0' relates to the area below 500 Hectares

Blank space denotes not available or no reporting of data from the States/Uts

Source: Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare.

Annexure referred in reply to part (b) to part (d) of Rajya Sabha Starred Q.No. 194 due for 23.12.2022

District-wise details of WDC-PMKSY projects sanctioned in Uttar Pradesh

S.No	Name of the District	WDC 1.0 (IWMP)				WDC 2.0
		No. of projects	Projects transferred to State	Projects supported by DoLR	Projects completed	Projects sanctioned under WDC 2.0
1	Agra	9	4	5	5	
2	Aligarh	7	5	2	2	
3	Allahabad (Prayagraj)	9	5	4	4	2
4	Ambedkarnagar	8	6	2	2	
5	Amethi (CSJMNagar)	6	3	3	3	2
6	Auriya	4	2	2	2	
7	Azamgarh	7	4	3	3	1
8	Baghpat	8	5	3	3	2
9	Bahraich	8	4	4	4	
10	Ballia	8	5	3	3	
11	Balrampur	6	2	4	4	
12	Banda	23	14	9	9	
13	Barabanki	8	4	4	4	
14	Bareilly	6	4	2	2	2
15	Basti	6	3	3	3	
16	Bhim Nagar (Sambhal)	8	6	2	2	
17	Bijnor	8	4	4	4	2
18	Budaun	7	7	0	0	2
19	Bulandshaher	7	4	3	3	1
20	Chandauli	3	2	1	1	
21	Chitrakoot	14	6	8	8	1
22	Deoria	8	5	3	3	1
23	Etah	8	6	2	2	1
24	Etawah	9	6	3	3	1
25	Faizabad	6	3	3	3	
26	Farukkabad	7	4	3	3	
27	Fatehpur	7	4	3	3	2
28	Firozabad	8	6	2	2	
29	Ghazipur	8	6	2	2	
30	Gonda	9	6	3	3	
31	Gorakhpur	7	4	3	3	
32	Hamirpur	26	16	10	10	2
33	Hardoi	8	5	3	3	
34	Hapur	2	2	0	0	2
35	Hathras	8	6	2	2	
36	Jalaun	25	12	13	13	
37	Jaunpur	12	8	4	4	2

Annexure II

Annexure referred in reply to part (b) to part (d) of Rajya Sabha Starred Q.No. 194 due for 23.12.2022

District-wise details of WDC-PMKSY projects sanctioned in Uttar Pradesh

S.No	Name of the District	WDC 1.0 (IWMP)				WDC 2.0
		No. of projects	Projects transferred to State	Projects supported by DoLR	Projects completed	Projects sanctioned under WDC 2.0
38	Jhansi	23	13	10	10	
39	JP nagar	9	6	3	3	
40	Kannauj	5	2	3	3	1
41	Kanpur Dehat	6	4	2	2	
42	Kanpur Nagar	9	6	3	3	2
43	Kaushambi	6	4	2	2	1
44	Kasganj	1	1	0	0	
45	Lakhimpur Kheri	8	5	3	3	
46	Kushi Nagar	6	3	3	3	1
47	Lalitpur	25	13	12	12	
48	Lucknow	7	3	4	4	1
49	Mahoba	25	10	15	15	2
50	Mahrajganj	7	3	4	4	
51	Mainpuri	8	6	2	2	1
52	Mathura	7	4	3	3	1
53	Mau	5	3	2	2	
54	Meerut	4	3	1	1	
55	Mirzapur	12	9	3	3	2
56	Moradabad	3	3	0	0	1
57	Muzaffarnagar	3	2	1	1	
58	Pilibhit	6	3	3	3	
59	Pratapgarh	8	3	5	5	2
60	Rae Bareli	9	6	3	3	1
61	Rampur	7	5	2	2	1
62	Saharanpur	7	5	2	2	2
63	Sant Kabir Nagar	8	5	3	3	
64	Sant Ravidas Nagar (Bhdoi)	4	2	2	2	
65	Shahjahanpur	7	4	3	3	
66	Shrawasti	6	3	3	3	
67	Siddharthnagar	6	4	2	2	
68	Sitapur	8	3	5	5	
69	Sonbhadra	11	8	3	3	3
70	Sultanpur	5	4	1	1	
71	Unnao	8	5	3	3	
72	Varanasi	5	2	3	3	2
73	Amroha					1
74	Sambhal					2
	Total	612	363	249	249	53

Note: No new projects sanctioned under WDC 1.0 from 2015-16 in any State.

Annexure-III

Annexure referred in reply to part (b) to part (d) of Rajya Sabha Starred Q.No. 194 due for 23.12.2022

Details of district-wise area covered under micro irrigation (PDMC) in Uttar Pradesh

Sr. No.	District	Physical Progress Area Covered (In Hectare)
1	AGRA	2168
2	ALIGARH	1384
3	PRAYAGRAJ	4446
4	AMBEDKAR NAGAR	3625
5	AURAIYA	1407.7
6	AZAMGARH	3093
7	BAGHPAT	1407.78
8	BAHRAICH	3367.95
9	BALLIA	2668.5
10	BALRAMPUR	4968.25
11	BANDA	14641.28
12	BARABANKI	1417
13	BAREILLY	1709
14	BASTI	4061.5
15	BIJNOR	1421
16	BUDAUN	1351.3
17	BULANDSHAHR	1362.48
18	CHANDAULI	3738.3
19	CHITRAKOOT	10455.5
20	DEORIA	2664.5
21	ETAH	777.24
22	ETAWAH	2456.5
23	AYODHYA	2048.55
24	FARRUKHABAD	1474.16
25	FATEHPUR	2466
26	FIROZABAD	2068
27	GAUTAM BUDDHA NAGAR	709.00
28	GHAZIABAD	981.23
29	GHAZIPUR	3739.9
30	GONDA	1562
31	GORAKHPUR	4050
32	HAMIRPUR	11882
33	HARDOI	2811.8
34	JALAUN	19053.7
35	JAUNPUR	5540.5
36	JHANSI	18573
37	AMROHA	1293.26
38	KANNAUJ	2177.26
39	KANPUR DEHAT	1612.5
40	KANPUR NAGAR	1314

Annexure-III**Annexure referred in reply to part (b) to part (d) of Rajya Sabha
Starred Q.No. 194 due for 23.12.2022****The district-wise area covered under micro irrigation (PDMC) in
Uttar Pradesh**

Sr. No.	District	Physical Progress Area Covered (In Hectare)
41	KAUSHAMBI	4571
42	KHERI	1403.1
43	KUSHI NAGAR	3115.5
44	LALITPUR	7085
45	LUCKNOW	574.40
46	HATHRAS	1072.3
47	MAHARAJGANJ	2152.33
48	MAHOBAB	9534.5
49	MAINPURI	1385.3
50	MATHURA	1809.34
51	MAU	1528.55
52	MEERUT	1808.3
53	MIRZAPUR	13741
54	MORADABAD	1975.3
55	MUZAFFARNAGAR	1221.7
56	PILIBHIT	1602.35
57	PRATAPGARH	5412.5
58	RAE BARELI	2062.84
59	RAMPUR	2575.5
60	SAHARANPUR	2246.25
61	SANT KABEER NAGAR	1729.07
62	BHADOHI	6364.7
63	SHAHJAHANPUR	1925
64	SHRAVASTI	2681.4
65	SIDDHARTH NAGAR	3406
66	SITAPUR	2151.75
67	SONBHADRA	10299.23
68	SULTANPUR	3820
69	UNNAO	1666.52
70	VARANASI	1714.51
71	KASGANJ	665.00
72	AMETHI	1774
73	SAMBHAL	1553.5
74	SHAMLI	692.20
75	HAPUR	1137.5
	State Total	266406.08

Annexure-IV

**Annexure referred in reply to part (b) to part (d) of Rajya Sabha
Starred Q.No. 194 due for 23.12.2022**

The details of water bodies created since inception

S No.	District	No. of works Completed since inception			
		Farm pond	Dug well	Check dam	Community Pond
1	AGRA	657	30	1,040	641
2	ETAH	2,091	268	307	624
3	FIROZABAD	2,504	971	397	590
4	KASHGANJ	3,505	931	338	191
5	MAINPURI	1,249	1,034	262	603
