

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

LOK SABHA
UNSTARRED QUESTION NO.4982
TO BE ANSWERED ON 23RD JULY, 2019
WATER SCARCITY FOR AGRICULTURE

4982. SHRI UPENDRA SINGH RAWAT:
SHRI KAUSHAL KISHORE:

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

- (a) whether several bighas of agricultural land in several States of the country particularly Uttar Pradesh are getting barren or farming becoming unproductive due to water scarcity;
- (b) if so, the details thereof, district-wise;
- (c) whether the Government proposes to implement the scheme on the lines of several foreign countries to reuse treated sewage effluent, sewage or waste water;
- (d) if so, the details thereof along with the details of the countries whose schemes are likely to be emulated/implemented by the Government; and
- (e) the steps taken/proposed to be taken by the Government to reuse the waste water for agricultural purposes?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): As per Agricultural Statistics 2017, Government of India, the barren and unculturable land was reduced from 38.16 million ha to 17.00 million ha. from 1950-51 to 2014-15. In the State of Uttar Pradesh, the same was reduced to 0.46 million ha by 2014-15. The State wise details are given at Annexure-I and district wise of Uttar Pradesh is given at Annexure-II.

(c) to (e): Government of India is providing funds to the States/UTs under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and Smart Cities Mission of the Ministry of Housing & Urban Development (MoH&UD) for the implementation of the sewerage projects. Recycling and reuse of treated wastewater is being encouraged under AMRUT and mandated under Smart Cities Mission.

Further, a dedicated chapter on recycling and reuse of sewage has been incorporated in the MoH&UD's Manual on Sewerage and Sewage Treatment Systems, 2013 - Part A: Engineering including guiding principles for farm forestry and horticulture, for guiding the States/UTs, in this regard.

MoH&UD has published and adopted Service Level Benchmark (SLB) for water and sanitation sector under National Urban Sanitation Programme (NUSP) in 2008 with a view to shift the focus of urban development projects from infrastructure creation to improvement of service levels. The aforesaid SLB advocates 20 % reuse and recycling of treated wastewater. This includes reuse and recycling of treated wastewater for agricultural purposes.

Government of India has launched the Jal Shakti Abhiyan from 1st July 2019 which is a time bound campaign with a mission mode approach intended to improve water availability including reuse of waste water.

Annexure I

Annexure to Lok Sabha Unstarred Question No. 4982 for answer on 23.07.2019

State wise barren and un-culturable land for the year 2014-15

(in Million hectares)

STATES/UTs	Barren & Un-culturable land
ANDHRA PRADESH	1.351
ARUNACHAL PRADESH	0.037
ASSAM	1.190
BIHAR	0.432
CHHATTISGARH	0.288
GOA	-
GUJARAT	2.552
HARYANA	0.119
HIMACHAL PRADESH	0.777
JAMMU & KASHMIR	0.305
JHARKHAND	0.568
KARNATAKA	0.787
KERALA	0.013
MADHYA PRADESH	1.357
MAHARASHTRA	1.727
MANIPUR	0.001
MEGHALAYA	0.129
MIZORAM	0.006
NAGALAND	0.002
ODISHA	1.078
PUNJAB	0.058
RAJASTHAN	2.403
SIKKIM	-
TAMIL NADU	0.489
TELANGANA	0.607
TRIPURA	-
UTTARAKHAND	0.228
UTTAR PRADESH	0.462
WEST BENGAL	0.011
ANDAMAN & NICOBAR ISLANDS	0.002
CHANDIGARH	-
DADRA& N HAVELI	0.000
DAMAN & DIU	-
DELHI	0.018
LAKSHADWEEP	-
PUDUCHERRY	0.000
ALL INDIA	17.00

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

'-' Not Available

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

Annexure II

Annexure to Lok Sabha Unstarred Question No. 4982 for answer on 23.07.2019

District wise barren and un-culturable land in Uttar Pradesh for the year 2014-15

(in Million hectares)

Name of District	Area
1.AGRA	0.00
2.ALIGARH	0.01
3.ALLAHABAD	0.02
4.ALMORA	0.00
5.AMBEDKAR NAGAR	0.00
6.AMETHI	0.01
7.AMROHA	0.00
8.AURAIYA	0.01
9.AZAMGARH	0.01
10.BAGESHWAR	0.00
11.BAGHPAT	0.00
12.BAHRAICH	0.00
13.BALLIA	0.01
14.BALRAMPUR	0.00
15.BANDA	0.01
16.BARABANKI	0.00
17.BAREILLY	0.01
18.BASTI	0.00
19.BIJNOR	0.00
20.BUDAUN	0.01
21.BULANDSHAHR	0.00
22.CHAMOLI	0.00
23.CHAMPAWAT	0.00
24.CHANDAULI	0.00
25.CHITRAKOOT	0.02
26.DEHRADUN	0.00
27.DEORIA	0.00
28.ETAH	0.00
29.ETAWAH	0.01
30.FAIZABAD	0.00
31.FARRUKHABAD	0.01
32.FATEHPUR	0.01
33.FIROZABAD	0.01
34.GAUTAM BUDDHA NAGAR	0.00
35.GHAZIABAD	0.00
36.GHAZIPUR	0.00
37.GONDA	0.00
38.GORAKHPUR	0.00
39.HAMIRPUR	0.01
40.HAPUR	0.00
41.HARDOI	0.01
42.HARIDWAR	0.00
43.HATHRAS	0.00
44.JALAUN	0.01
45.JAUNPUR	0.01

46.JHANSI	0.03
47.KANNAUJ	0.01
48.KANPUR DEHAT	0.02
49.KANPUR NAGAR	0.01
50.KASGANJ	0.00
51.KAUSHAMBI	0.01
52.KHERI	0.00
53.KUSHI NAGAR	0.00
54.LALITPUR	0.01
55.LUCKNOW	0.01
56.MAHARAJGANJ	0.00
57.MAHOBA	0.01
58.MAINPURI	0.01
59.MATHURA	0.00
60.MAU	0.00
61.MEERUT	0.00
62.MIRZAPUR	0.01
63.MORADABAD	0.00
64.MUZAFFARNAGAR	0.00
65.NAINITAL	0.00
66.PAURI GARHWAL	0.00
67.PILIBHIT	0.01
68.PITHORAGARH	0.00
69.PRATAPGARH	0.01
70.RAE BARELI	0.01
71.RAMPUR	0.01
72.RUDRA PRAYAG	0.00
73.SAHARANPUR	0.00
74.SAMBHAL	0.00
75.SANT KABEER NAGAR	0.00
76.SANT RAVIDAS NAGAR	0.00
77.SHAHJAHANPUR	0.01
78.SHAMLI	0.00
79.SHRAVASTI	0.00
80.SIDDHARTH NAGAR	0.00
81.SITAPUR	0.01
82.SONBHADRA	0.01
83.SULTANPUR	0.01
84.TEHRI GARHWAL	0.00
85.UDAM SINGH NAGAR	0.00
86.UNNAO	0.01
87.UTTAR KASHI	0.00
88.VARANASI	0.00
State Total	0.46
