

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:3859
ANSWERED ON:19.12.2005
PROGRAMME TO SAVE LAND DEGRADATION
Adhalrao Patil Shri Shivaji

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Government has launched any programme to save land degradation;
- (b) if so, the details thereof;
- (c) the total land degraded so far during the last three years, State-wise; and
- (d) the financial assistance provided to each State for the said programme?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

(a)&(b): Yes, Sir. Following programmes are being implemented in different States and Union Territories:-

- (1) National Watershed Development Project for Rainfed Areas (NWDPR)
- (2) Soil Conservation for Enhancing the Productivity of Degraded Lands in the Catchments of River Valley Project & Flood Prone River (RVP & FPR)
- (3) Watershed Development Project for Shifting Cultivation Areas (WDPSA)
- (4) Reclamation of Alkali Soil (RAS)
- (5) Drought Prone Area Programme (DPAP)
- (6) Desert Development Programme (DDP)
- (7) Integrated Wasteland Development Programme (IWDP)

(c): According to National Bureau of Soil Survey and Land Use Planning (NBSS &LUP) of Indian Council of Agricultural Research (ICAR), about 146.82 million hectare land is subjected to various kinds of land degradation. The State- wise and category- wise extent of land degradation are given in Annexure-I.

(d): The financial assistance provided to each state for Watershed Development Programme, during last three years are given at Annexures II & III.

Annexure-I

(Annexure to Lok Sabha Unstarred Question No. 3859 on Programme to save Land Degradation for 19.12.2005)

State-wise extent of various kinds of Land Degradation in India

(Area in thousand hectares)

S.N.	Name of the States	Water Erosion	Wind Erosion	Water Logging	Salin- ity/ Acidity	Soil Complex Degr- ity/ Problem	Geogr- Degr- aded	aphical aded
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1)	Andhra Pradesh	11518	0	1896	517	905	156	14992	27505	54.5
2)	Arunachal Pradesh	2372	0	176	0	1955	0	4503	8374	53.8

3) Assam 688 0 37 0 612 876 2213 7844 28.2
4) Bihar+ Jharkhand 3024 0 2001 229 1029 0 6283 17387 36.1
5) Goa 60 0 76 0 2 24 162 370 43.9
6) Gujarat 5207 443 523 294 0 1666 8133 19602 41.5
7) Haryana 315 536 146 256 0 214 1467 4421 33.2
8) Himachal Pradesh 2718 0 1303 0 157 0 4178 5567 75.0
9) Jammu & Kashmir 5460 1360 200 0 0 0 7020 22224 31.6
10) Karnataka 5810 0 941 110 58 712 7631 19179 39.8
11) Kerala 76 0 2098 0 138 296 2608 3886 67.1
12) Madhya Pradesh+Chhatisgarh 17883 0 359 46 6796 1126 26210 44345 59.1
13) Maharashtra 11179 0 0 1056 517 303 13055 30771 42.4
14) Manipur 133 0 111 0 481 227 952 2233 42.6
15) Mizoram 137 0 0 0 1050 694 1881 2108 89.2
16) Meghalaya 137 0 7 0 1030 34 1208 2243 53.9
17) Nagaland 390 0 0 0 127 478 995 1658 60.0
18) Orissa 5028 0 681 75 263 75 6122 15571 39.3
19) Punjab 372 282 338 288 0 0 1280 5036 25.4
20) Rajasthan 3137 6650 53 1418 0 110 11368 34224 33.2
21) Sikkim 158 0 0 0 76 0 234 710 33.0
22) Tamil Nadu 4926 0 96 96 78 138 5334 13006 41.0
23) Tripura 121 0 191 0 203 113 628 1049 59.9
24) Uttar Pradesh+Uttaranchal 11392 212 2350 1370 0 0 15324 29441 52.0
25) West Bengal 1197 0 710 170 556 119 2752 8875 31.0
26) Delhi 55 0 6 10 0 11 82 148 55.4
27) A&N Islands 187 0 0 9 0 9 205 825 24.8
28) Chandigarh 0 0 0 0 0 0 0 0 0.00
29) D&N Haveli 0 0 0 0 0 0 0 0 0.00
30) Daman & Diu 0 0 0 0 0 0 0 0 0.00
31) Lakshadweep 0 0 0 0 0 0 0 0 0.00
32) Pondicherry 0 0 0 0 0 0 0 0 0.00
Grand Total 93680 9483 14299 5944 16033 7381 146820 328602
Grand Total 93.68 9.48 14.30 5.94 16.03 7.38 146.82 328.60
(Million ha)

Annexure-III

STATEMENT SHOWING PROJECT SANCTIONED AND FUNDS RELEASED UNDER DPAP, DDP AND IWDP SCHEMES OF MINISTRY OF RURAL DEVELOPMENT FROM 2002-03 TO 2004-05

S.No. Name of States DPAP DDP IWDP

Phy Fin. Phy Fin. Area Fin.
(No. (Rs. (No. (Rs. (In (Rs.
of in of in lakh in
Pro- crore) Pro- crore) ha.) crore)
jects) jects)

1 Andhra Pradesh 865 138.00 330 35.53 1.320 77.89
2 Bihar 188 8.84 0.900 8.72
3 Chattisgarh 348 47.23 0.836 34.71
4 Gujarat 741 91.73 873 137.11 1.025 43.00
5 Haryana 357 52.75 0.350 12.07
6 Himachal Pradesh 130 13.26 160 18.83 0.580 41.96
7 Jharkhand 296 8.68 0.520 5.19
8 Jammu & Kashmir 466 28.31 158 22.48 0.550 8.86
9 Karnataka 675 79.84 497 60.42 0.715 61.81
10 Kerala 0.150 5.70
11 Madhya Pradesh 803 150.31 1.470 87.38
12 Maharashtra 899 62.65 1.029 32.54
13 Orissa 452 30.89 0.830 42.82
14 Punjab 0.154 2.45
15 Rajasthan 305 49.84 2389 287.66 0.900 49.90
16 Tamil Nadu 464 62.79 1.060 53.03
17 Uttar Pradesh 478 46.73 1.521 54.33
18 Uttaranchal 277 19.75 0.504 19.28
19 West Bengal 176 5.94 0.238 2.39
20 Goa 0.100 0.83
Others 0 0.41 0.000 10.00
Total 7563 845.20 4764 614.78 14.752 654.86

1 Arunachal Pradesh 1.587 16.15

2 Assam	3.494	63.73							
3 Manipaur	1.145	15.01							
4 Meghalaya	0.420	6.62							
5 Mizoram	1.207	27.41							
6 Nagaland	1.373	53.20							
7 Sikkim	0.344	7.77							
8 Tripura	0.275	4.19							
Total North Eastern	0	0.00	0	0.00	9.845	194.08			
Grand Total	7563	845.20	4764	614.78	24.597	848.94			
DPAP- DROUGHT PRONE AREA PROGRAMME									
DDP - DESERT DEVELOPMENT PROGRAMME									
IWDP- INTEGRATED WASTELAND DEVELOPMENT PROGRAMME									

Note:- A project under DPAP and DDP generally covers an area of 500 hectares.

Annexure-II

STATEMENT SHOWING PHYSICAL & FINANCIAL ACHIEVEMENTS OF WATERSHED DEVELOPMENT PROGRAMMES OF MINISTRY OF AGRICULTURE DURING LAST THREE YEARS OF X PLAN (2002-2005)

(Physical area in lakh ha & Financial in Rs . Lakh)

S. No.	Name of States	NWDPRA	RVP	FPR	WDPSCA	RAS	TOTAL		
		Phys- cal	Fina- ncial	Phys- ical	Fina- ncial	Phys- ical	Fina- ncial		
1	Andhra Pradesh	0.270	1209.77	0.256	2134.25	0.000	0.00	0.526	3344.02
2	Arunachal Pradesh	0.050	319.73	0.002	5.67	0.028	278.89	0.080	604.29
3	Assam	0.070	333.00	0.019	148.27	0.117	1005.00	0.206	1486.27
4	Bihar	0.000	66.95	0.000	0.00	0.000	0.00	0.000	66.95
5	Chattisgarh	0.450	2075.21	0.101	400.74		0.551	2475.95	
6	Gujarat	0.600	2833.57	0.252	2182.70		0.251	629.55	1.103 5645.82
7	Haryana	0.040	263.98	0.143	496.18		0.320	818.00	0.503 1578.16
8	Himachal Pradesh	0.050	460.15	0.114	1840.32		0.164	2300.47	
9	Jharkhand	0.270	2806.48	0.000	0.00		0.270	2806.48	
10	Jammu & Kashmir	0.230	45.94	0.070	912.80		0.300	958.74	
11	Karnataka	0.520	4244.07	1.037	3333.58		0.023	325.65	1.580 7903.30
12	Kerala	0.130	946.42	0.064	634.85		0.194	1581.27	
13	Madhya Pradesh	1.010	3015.25	0.675	2858.03		0.000	0.00	1.685 5873.28
14	Maharashtra	0.550	3142.00	0.510	3433.64		0.000	0.00	1.060 6575.64
15	Manipaur	0.100	611.67	0.000	0.00	0.071	591.00	0.171	1202.67
16	Meghalaya	0.190	1146.50	0.000	6.00	0.088	850.00	0.278	2002.50
17	Mizoram	0.220	1630.40	0.024	299.85	0.122	1320.00	0.366	3250.25
18	Nagaland	0.170	1361.00	0.026	174.00	0.100	1200.00	0.296	2735.00
19	Orissa	0.330	1416.10	0.055	239.74			0.385	1655.84
20	Punjab	0.010	68.38	0.000	0.00		0.013	19.81	0.023 88.19
21	Rajasthan	2.050	9806.95	0.681	4998.33		0.134	171.51	2.865 14976.79
22	Sikkim	0.080	546.58	0.006	78.20			0.086	624.78
23	Tamil Nadu	0.840	5022.39	0.137	1710.55		0.021	50.41	0.998 6783.35
24	Tripura	0.130	820.96	0.012	122.28	0.078	771.00	0.220	1714.24
25	Uttar Pradesh	0.670	4021.48	1.039	5351.10		0.015	9.92	1.724 9382.50
26	Uttaranchal	0.460	3208.93	0.098	739.74			0.558	3948.67
27	West Bengal	0.010	172.92	0.092	483.81			0.102	656.73
28	Goa	0.030	264.39		0.030	264.39			
29	A&N Island	0.020	120.62			0.020	120.62		
30	D & N Haveli	0.000	0.00			0.000	0.00		
31	Daman & Diu	0.000	0.00			0.000	0.00		
#	DVC	0.304	3487.80		0.304	3487.80			
#	PM Package	0.209	1609.46		0.209	1609.46			
#	Hd. Quarter		119.00		0.000	119.00			
Total		9.550	51981.79	5.926	37800.89	0.604	6015.89	0.777	2024.85 16.857 97823.42

NWDPRA- National Watershed Development Projects for Rain-fed Areas
RVP & FPR-River Valley Project & Flood Prone River
WDPSCA- Watershed Development Projects in Shifting Cultivation Areas
RAS - Reclamataion of Akali Soil