

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

**LOK SABHA**  
**UNSTARRED QUESTION NO.1840**  
TO BE ANSWERED ON THE 8<sup>TH</sup> MARCH, 2016

**DRY LAND FARMING**

1840. SHRI ARVIND SAWANT:  
DR. GOKARAJU GANGA RAJU:  
SHRI DALPAT SINGH PARASTE:  
SHRIMATI BHAVANA PUNDALIKRAO GAWALI PATIL:  
SHRI C.N. JAYADEVAN:  
DR. KIRIT P. SOLANKI:  
SHRI Y.V. SUBBA REDDY:  
SHRI R. DHRUVA NARAYANA:  
SHRI D.K. SURESH:

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

- (a) the details of area under dry land farming including net sown area, net irrigated and unirrigated land in the country during the last three years and the current year, State/UT-wise;
- (b) whether the Government has launched the National Watershed Development Project for Rainfed Areas (NWDPR) to promote reinfed/dry land farming in the country and if so, the details thereof along with the funds/incentives provided to the farmers for the purpose and the success achieved thereunder during the said period, State-wise;
- (c) whether the Government proposes to amalgamate existing irrigation programmes being run by different Ministries to bring more area under irrigation and cultivation and if so, the details thereof;
- (d) whether the Government has taken any steps to conduct Research and Development (R&D) to convert fallow land into cultivable land to increase agricultural production in the country and if so, the details and the outcome thereof; and
- (e) the measures being taken to supplement the efforts of the State Governments to bring more cultivable land under irrigation?

## ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री ( SHRI MOHANBHAI KUNDARIYA )

(a): As per available estimates, State-wise extent of net area sown, net irrigated area and un-irrigated/dryland area in the country during the last three years (2010-13) are annexed.

(b): Government of India, Ministry of Agriculture & Farmers' Welfare had been implementing National Watershed Development Project for Rainfed Areas (NWDPR) since 1990-91 and which become part of Macro Management of Agriculture (MMA) Scheme in 2000-01. NWDPR was closed from 1<sup>st</sup> April, 2013 due to closure of MMA Scheme. As a result of implementation of various interventions under NWDPR, productivity of rainfed area was reported to be higher as compared to pretreatment.

(c) Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) has been conceived by amalgamating ongoing schemes namely; Accelerated Irrigation Benefit Programme (AIBP) of the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR), Integrated Watershed Management Programme (IWMP) of Ministry of Rural Development, Department of Land Resources (DoLR) and On Farm Water Management (OFWM) of Department of Agriculture, Cooperation and Farmers Welfare. PMKSY has been operationalised from 1<sup>st</sup> July, 2015, aiming to achieve convergence of investments in irrigation at the field level, expand cultivable area under assured irrigation, improve on-farm water use efficiency by adoption of precise irrigation system, augmentation of aquifers by introducing sustainable water conservation practices across the country.

(d) & (e): Indian Council of Agricultural Research (ICAR) has conducted several studies through its regional centers located across the country and recommended various technological interventions to make fallow lands cultivable. Interventions include efficient crop planning, agroforestry, development of short duration drought resistant varieties, intercropping, rain-water harvesting, integrated watershed management, micro irrigation system, integrated nutrient management and resource conservation technologies etc. Accordingly, Government of India is supplementing the efforts of State Governments through its on-going programmes/ schemes/missions for implementation of measures suggested by ICAR for bringing fallow land under cultivation and also to provide supplementary irrigation to existing cultivable land.

## Annexure

(Annexure to Lok Sabha Unstarred Question No. 1840 on Dry Land Farming due for 08.03.2016)  
State-wise Net Area Sown, Net Irrigated Area and Unirrigated/Dryland Area in last three years

(Area in thousand hectare)

S. No.	Name of States	Net Area Sown			Net Irrigated Area			Net Unirrigated / Dryland Area		
		2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1)	Andhra Pradesh *	11186	11161	11117	5034	5090	4575	6152	6071	6542
2)	Arunachal Pradesh	213	215	216	56	57	57	157	158	159
3)	Assam	2811	2811	2811	162	161	161	2649	2650	2650
4)	Bihar	5259	5396	5402	3030	3052	3053	2229	2344	2349
5)	Chhattisgarh	4697	4677	4671	1356	1415	1449	3341	3262	3222
6)	Goa	131	132	132	36	41	36	95	91	96
7)	Gujarat	10302	10302	10302	4233	4233	4233	6069	6069	6069
8)	Haryana	3518	3513	3513	2887	3073	3102	631	440	411
9)	Himachal Pradesh	543	543	543	110	110	110	433	433	433
10)	Jammu & Kashmir	732	746	745	321	319	325	411	427	420
11)	Jharkhand	1085	1250	1406	125	153	210	960	1097	1196
12)	Karnataka	10523	9941	9793	3490	3440	3421	7033	6501	6372
13)	Kerala	2072	2040	2048	415	409	396	1657	1631	1652
14)	Madhya Pradesh	15119	15237	15352	7140	7887	8550	7979	7350	6802
15)	Maharashtra	17406	17386	17344	3256	3252	3244	14150	14134	14100
16)	Manipur	348	365	309	73	69	49	275	296	260
17)	Mizoram	121	97	116	12	13	14	109	84	102
18)	Meghalaya	284	285	285	63	65	65	221	220	220
19)	Nagaland	362	379	380	83	84	85	279	295	295
20)	Odisha	4682	4394	4386	1284	1259	1248	3398	3135	3138
21)	Punjab	4158	4134	4150	4070	4086	4115	88	48	35
22)	Rajasthan	18349	18034	17479	6661	7122	7499	11688	10912	9980
23)	Sikkim	77	77	77	14	14	14	63	63	63
24)	Tamil Nadu	4954	4986	4544	2912	2964	2643	2042	2022	1901
25)	Tripura	256	256	256	60	60	60	196	196	196
26)	Uttar Pradesh	16593	16623	16564	13440	13809	13929	3153	2814	2635
27)	Uttarakhand	723	714	706	336	339	338	387	375	368
28)	West Bengal	4981	5198	5205	2955	3078	3082	2026	2120	2123
29)	Delhi	22	22	22	22	22	22	0	0	0
30)	Pondicherry	19	18	16	15	15	14	4	3	2
31)	A & N Islands	15	15	15	0	0	0	15	15	15
32)	Chandigarh	1	1	1	1	1	1	0	0	0
33)	D & N Haveli	17	20	20	4	4	4	13	16	16
34)	Daman & Diu	3	3	3	0	0	0	3	3	3
35)	Lakshadweep	2	2	2	0	0	0	2	2	2
	Grand Total	141564	140973	139931	63656	65696	66104	77908	75277	73827
	Grand Total( m. ha)	141.56	140.97	139.93	63.66	65.70	66.10	77.91	75.28	73.83

\* Includes data of Telengana State.

Source: Land Use Statistics at a Glance-2002-03 to 2012-13-(May, 2015), DAC&amp;FW, MOA&amp;FW, GOI, New Delhi.

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