

Paramparagat Krishi Vikas Yojana, Pradhan Mantri Krishi Sinchai Yojana, National Agriculture Market, Pradhan Mantri Fasal Bima Yojana, National Food Security Mission, Mission for Integrated Development of Horticulture, National Mission on Oilseeds and Oilpalm, National Mission for Sustainable Agriculture, National Mission on Agricultural Extension and Technology, Rashtriya Krishi Vikas Yojana, MSP Operations, Nutrient Based Subsidy Scheme for Phosphatic and Potassic fertilizers etc. Besides these Government also provides interest subvention of 3% on short-term crop loans up to ₹3.00 lakh.

**Bringing more area under drip and sprinkler irrigation**

2731. SHRIMATI SASIKALA PUSHPA: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) the details of the extent of agricultural land under drip and sprinkler irrigation all over the country, including Tamil Nadu;
- (b) whether Government has formulated any special scheme to bring more agricultural land under drip and sprinkler irrigation in view of increasing water shortage and depletion of ground water; and
- (c) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI PARSHOTTAM RUPALA): (a) As per available reports so far about 8.5 lakh hectare area has been covered under drip and sprinkler irrigation all over the country including Tamil Nadu. The State-wise details are given in the Statement (*See below*).

(b) and (c) Government is focusing on improving water use efficiency by bringing more agricultural land under drip and sprinkler system. Under the Per Drop More Crop component of Pradhan Mantri Krishi Sinchayee Yojana, assistance is provided to farmers for installation of micro irrigation systems (Drip and Sprinkler). This scheme is being implemented in all States across the country. It has been targeted to cover about 8 lakh hectare under drip and Sprinkler system during the year 2017-18.

Besides, micro irrigation system is also being promoted under Command Area Development and Water Management Programme(CADWM) Scheme of Har Khet Ko Pani component of the scheme. It has been envisaged under the scheme to cover at least 10% of the total culturable command area under micro irrigation.

***Statement****State-wise details of the area covered under drip and sprinkler irrigation*

Sl. No.	State	Total Area Covered under MI since 2005-06 to till date		
		Drip	Sprinkler	Total
1	2	3	4	5
1.	Andhra Pradesh	944376	361445	1305821
2.	Bihar	9761	98161	107922
3.	Chhattisgarh	18081	253065	271146
4.	Goa	1019	937	1956
5.	Gujarat	534554	534261	1068815
6.	Haryana	24615	552214	576829
7.	Himachal Pradesh	3921	3247	7168
8.	Jharkhand	10831	9919	20750
9.	Jammu and Kashmir	0	0	0
10.	Karnataka	470689	443691	914380
11.	Kerala	22870	7435	30305
12.	Madhya Pradesh	223416	206167	429583
13.	Maharashtra	921894	384474	1306368
14.	Odisha	19354	85358	104712
15.	Punjab	34478	12406	46884
16.	Rajasthan	200003	1560407	1760411
17.	Tamil Nadu	326285	34699	360984
18.	Telangana	75803	19165	94968
19.	Uttar Pradesh	16309	24619	40928
20.	Uttarakhand	1156	577	1733
21.	West Bengal	604	50576	51180
22.	Arunachal Pradesh	613	0	613
23.	Assam	310	129	439
24.	Manipur	47	30	77

1	2	3	4	5
25.	Mizoram	2125	425	2550
26.	Meghalaya	0	0	0
27.	Nagaland	200	5005	5205
28.	Tripura	100	392	492
29.	Sikkim	6044	3042	9086
TOTAL		3869459	4651846	8521305

#### Soil infertility

†2732. SHRI MOTILAL VORA: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) whether Government is aware of the fact that as per soil test reports, about one third of the land of the country has become infertile, if so, the reasons therefor; and

(b) the steps being taken by Government to increase the production of grains by making the infertile land fertile and to stop the utilization of fertile land for other purposes?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI PARSHOTTAM RUPALA): (a) As per available estimates of Indian Council of Agricultural Research (ICAR-2010), out of total geographical area of 328.73 million hectare, about 120.40 million hectare (37%) is affected by various kind of land degradation. This includes water and wind erosion (94.87 million hectare), water logging (0.91 million hectare), soil alkalinity/Sodicity (3.71 million hectare), soil acidity (17.93 million hectare), soil salinity (2.73 million hectare) and mining and industrial waste (0.26 million hectare).

(b) To prevent soil erosion, land degradation and to improve productivity of degraded lands, Government of India, Ministry of Rural Development is implementing integrated Watershed Management Programme (IWMP) which is now subsumed under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) and is being implemented across the country. Government is recommending soil test based balanced and integrated nutrient management through conjunctive use of both organic and inorganic sources to prevent deterioration of soil health and fertility.

†Original notice of the question was received in Hindi.