

countries. Union Home Ministry has also alerted Border Security Forces, Indo-Tibetian Border Police, Assam Rifles and Sashastra Seema Bal and Coast Guard to maintain strict vigilance on the borders to curb smuggling of fertilizers. In addition Chief Secretaries of Arunachal Pradesh, Assam, Bihar, Gujarat, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Tripura, Uttar Pradesh, Uttarakhand and West Bengal have been addressed by Ministry of Home Affairs to sensitise authorities concerned to curb smuggling of fertilizers into neighbouring countries. State Government's from time to time have also been advised to check diversion of subsidised fertilizers meant for agricultural uses.

Technological help for farmers

2513. SHRI AVINASH PANDE: Will the Minister of AGRICULTURE be pleased to state:

(a) the total production of foodgrains, pulses and vegetables during last four years, year-wise;

(b) whether Government is making efforts to increase the yield and productivity of agricultural land;

(c) if so, the details thereof;

(d) whether Government has formulated policies for helping farmers in reducing water requirement of agricultural land with the help of science and technology; and

(e) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT): (a) Details of production of pulses, foodgrains and vegetables during the last four years are as under:

Crops	Production (Million Tonnes)			
	2007-08	2008-09	2009-10	2010-11
Pulses	14.76	14.57	14.66	18.24
Foodgrains	230.78	234.47	218.11	244.78
Vegetables	128.45	129.14	134.10	146.55

(b) and (c) Indian Council of Agricultural Research (ICAR) is engaged in developing technologies for conservation, management and sustainable utilization of the natural resources including agricultural land to ensure food, nutritional and environmental security in the country. Several interventions like participatory

watershed management, Integrated Nutrient Management (INM), Integrated Water Management (IWM), Research Conservation Technologies (RCTs), Crop Diversification, Soil Conservations and Land Reclamation Technologies etc. are being used for increasing productivity of agricultural land in the country.

(d) and (e) The Government of India is implementing National Mission on Micro Irrigation (NMMI) Scheme to increase area under improved methods of irrigation for better water use efficiency to provide stimulus to agricultural growth since 2010-11. Prior to launch of NMMI, Scheme on Micro Irrigation was being implemented since 2005-06. The Mission encourages promotion of both drip and sprinkler system of irrigation.

Further, in order to reduce the water requirement of agricultural land for crop production, Indian Council of Agricultural Research (ICAR) recommends Integrated Water Management practices including micro-irrigation, *in-situ* water harvesting and conservation, mulching, conservation agriculture, crop diversification with cultivars requiring less water, resource conservation technologies (Bed planting, Laser leveling, Zero-tillage, System of Rice Intensification) and multiple use of water for increasing water productivity in the country. The ICAR also imparts training and Farmer Level Demonstrations to educate farmers in these aspects.

Modernization of Sasoon Dock

2514. SHRI AVINASH PANDE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether Government of Maharashtra has submitted proposal seeking Central assistance for construction of new fishing harbours and renovation and modernization of Sasoon Dock, Mumbai;

(b) if so, whether environment clearance for the above proposal has been received;

(c) whether Government plans to provide the Central assistance sought; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI CHARAN DAS MAHANT): (a) to (d) The Government of Maharashtra had in recent financial years submitted three proposals for construction of new fishing harbours at Deogad (Anandwadi), Karanja and Arnala. The Ministry of Agriculture has accorded approval to these proposals and details are as below: