

(b) to what extent these MoUs/agreements have facilitated improvement in the agricultural sector, the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MOHANBHAI KALYANJIBHAI KUNDARIA) : (a) and (b) The Department of Agriculture and Cooperation under Ministry of Agriculture has entered into MOUs/Agreements with 52 countries including United State of America. In addition, Department of Agriculture Research and Education (DARE) and Department of Animal Husbandry, Dairying and Fisheries (DAHD&F) under Ministry of Agriculture have also entered into MOUs/Agreements with other countries taking the total number of countries to 63. Agreements with these countries provide better agricultural facilities due to cooperation in areas such as Research and Development, Capacity Building, Germ-Plasm Exchange, Post Harvest Management, Value Addition/Food Processing, Plant Protection, Animal Husbandry, Dairy and Fisheries and also help in enhancing bilateral trade.

#### **Availability of quality seeds**

647. SHRI K.V.P. RAMACHANDRA RAO : Will the Minister of AGRICULTURE be pleased to state :

(a) whether Government regularly assesses and coordinates the demand and availability of certified/quality seeds;

(b) if so, the details of the demand and supply estimates of seeds in the country, particularly in Andhra Pradesh;

(c) whether Government is aware of the problems being faced by farmers in getting quality seeds at affordable prices; and

(d) if so, the action proposed to be taken by Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (DR. SANJEEV KUMAR BALYAN) : (a) to (d) Yes, Sir. As reported by the States, the availability of certified/quality seeds in the country for 2014-15 is 351.76 lakh quintals against the demand of 343.55 lakh quintals. Crop-wise and State wise details are given in Statement-I and II (*See below*). Government of India assists the State Governments and seed producing agencies in making available better quality seeds for farmers through regulatory measures and developmental schemes. Thus, seed quality is administered through seed certification, testing, labelling and enforcement during the stages of production, processing and packaging of seeds. In addition, various ongoing schemes of the Department including National Food Security Mission (NFSM), National Mission on Oilseeds and Oil Palm (NMOOP), Rashtriya Krishi Vikas Yojana (RKVY), National

Mission on Agriculture Extension and Technology (sub-mission on seeds and planting material) etc. are under implementation for improving the availability of quality seeds.

**Statement-I**

*All India Crop-wise Demand and Availability of  
Certified/Quality Seeds during 2014-15*

(Quantity in Quintals)		
Crop	Demand	Availability
Wheat	11252951	11685529
Paddy	8479677	9292277
Ragi	31225	35535
Barley	223293	286952
Maize	1083846	1225272
Bajra	242226	268800
Jowar	242481	275110
Other Cereals	2718	4396
TOTAL	21558417	23073871
Gram	1611078	1572180
Urd	267786	331065
Cowpea	35720	34968
Moong	279332	330669
Horse Gram	16952	17940
Lentil	178890	138342
Lathyrus	595	542
Peas	195664	156766
Moth	25000	13800
Arhar	264111	277635
Rajma	185	70
Kehsari	5775	5775
Indian Bean	7013	7243
Rice Bean	80	25
TOTAL	2888181	2887020

Crop	Demand	Availability
Castor	71600	85354
R/Mustard	264367	269896
Groundnut	2846790	2999185
Niger	2295	2346
Til	31012	37151
Linseed	11951	8046
Soybean	3429058	2732921
Sunflower	44543	45805
Safflower	11685	11937
TOTAL	6713299	6192641
Cotton	222473	262681
Jute/Mesta	45353	61304
TOTAL	267826	323985
Potato	2719000	2484948
Fodders	209032	214179
GRAND TOTAL	34355755	35176644

***Statement-II****State-wise Demand and availability of Certified/Quality Seeds during 2014-15*

(Quantity in Quintals)

State	Demand	Availability
Andhra Pradesh	3853117	4018077
Arunachal Pradesh	3690	3690
Assam	765876	766876
Bihar	1453351	1015191
Chhattisgarh	906036	1121388
Goa	5368	5368
Gujarat	1315769	1420000
Haryana	1526190	1846027
Himachal Pradesh	159975	142775

State	Demand	Availability
Jammu and Kashmir	187325	187278
Jharkhand	400804	190467
Karnataka	1561313	1658990
Kerala	101420	101420
Madhya Pradesh	3709167	3162728
Maharashtra	2725199	2653463
Manipur	23330	23330
Meghalaya	26330	26330
Mizoram	16360	16229
Nagaland	39538	39538
Orissa	963211	958401
Puducherry	5490	5453
Punjab	1406045	1802763
Rajasthan	2056710	2332564
Sikkim	4348	4348
Tamilnadu	1066647	1107976
Telangana	607427	868603
Tripura	30919	28141
Uttar Pradesh	5333490	5449227
Uttarakhand	73205	103915
West Bengal	4028106	4116086
GRAND TOTAL	34355755	35176644

#### **Cultivable land under irrigation**

648. SHRI P. BHATTACHARYA : Will the Minister of AGRICULTURE be pleased to state :

- (a) the total area of cultivable land dependent on Monsoon as on 31st October, 2014;
- (b) the total area of cultivable land brought under irrigation as on 31st October, 2014; and
- (c) the measures taken by Government to bring more area under irrigation?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MOHANBHAI KALYANJIBHAI KUNDARIA): (a) and (b) As per the latest