

- (d) the policy initiative contemplated for this?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT): (a) and (b) As per available estimates, despite increase in climatic variabilities attributed to global warming, production of foodgrains has increased from 230.77 million tones (2007-08) to 244.78 million tones (2010-11) and during same period milk production has increased from 107.90 million tones to 121.80 million tones due to various advanced technological interventions across the country.

(c) and (d) Systematic studies on climate change and its impact on agriculture and allied sectors are relatively few and of recent origin. Assessment of climate change & its impact on agriculture is an on-going process and there is no conclusive evidence to suggest significant variations in climate change, global warming, and its impact on agricultural productivity. However, for sustaining agricultural growth, even in the wake of changing climatic scenario, Ministry of Agriculture has intensified implementation of various schemes/programmes, namely; Macro Management of Agriculture (MMA), Rashtriya Krishi Vikas Yojana (RKVY), National Food Security Mission (NFSM), National Horticulture Mission (NHM) and National Mission on Micro Irrigation (NMMI) etc. to make Indian agriculture climate resilient by embedding and mainstreaming various adaptation measures.

Production of Gram

4682. SHRI TARUN VIJAY: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that Gram is having biggest share in the Indian pulses market;

(b) whether the prices of Gram have been rapidly rising due to demand for Gram flour;

(c) if so, the details thereof;

(d) whether there is already lower production concerns of Gram for 2011-12 which have been strengthened by unseasonal rains in northern States affecting the remaining harvest;

(e) the quantity of Gram imported during past five years, the names of the countries from where it was imported and at what prices; and

(f) the steps Government has initiated to increase the production of Gram?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HARISH RAWAT): (a) Yes, Sir. As per 3rd Advance Estimates for 2011-12 released on 23.04.2012 share of gram with total production of 7.40 million tonnes is highest at 43.48% of total pulses production of 17.02 million tonnes in the country.

(b) and (c) As per Wholesale Price Indices (base 2004-05=100) released by Office of Economic Adviser, Ministry of Industry, against an increase of 10.49% in the wholesale prices of Food Articles and 11.29% in Pulses, the wholesale price of Gram during April, 2012 increased by 47.34% as compared to its price during April, 2011.

(d) As per 3rd Advance Estimates for 2011-12 released on 23.04.2012 production of Gram estimated at 7.40 million tonnes is marginally lower than its record production of 8.22 million tonnes during 2010-11. The production of Gram in the country during 2011-12 has been affected due to lower area coverage and marginal decline in productivity.

(e) The details of quantity of Gram imported during last five years alongwith the countries from where it was imported and the import prices are given in the Statement. (*See below*).

(f) In order to increase production and productivity of pulses including gram, Government of India has been implementing National Food Security Mission (NFSM)-Pulses in 468 identified districts of 16 States. From 2010-11, NFSM has been strengthened by merger of Pulses component of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) for ensuring uniformity in implementation. Accelerated Pulses Production Programme (A3P) has been launched under NFSM-Pulses from Kharif, 2010 in 16 pulses growing States of the country for demonstration of Production and Protection Technologies on Village Level Compact Blocks for enhanced production of pulses as well as motivating the farmers. In addition to above schemes, during 2010-11, two new programmes viz. Bringing Green Revolution to Eastern India and Integrated Development of 60,000 Pulses Villages in Rainfed Areas have been initiated under RKVY. Further, assistance is also provided for pulses development under the Macro Management of Agriculture (MMA) Scheme in the States which are not covered under NFSM-Pulses. To enhance productivity of Gram, the Indian Council of Agricultural Research (ICAR) has developed high yielding, diseases tolerant and early maturing varieties which have been popularized in the non-traditional gram producing areas.

Statement*Country-wise Quantity and Rate of Gram Imported during 2007-08 to 2011-12***2007-08**

Country	Quantity (in Tonnes)	Value (in Rs. Lakh)	Rate of Import (Rs./Kg.)
Australia	54897.20	12922.21	23.54
Canada	2600.00	627.49	24.13
Ethiopia	1495.23	322.91	21.60
Kenya	92.00	20.59	22.38
Myanmar	54128.53	12594.40	23.27
Russia	2312.00	471.07	20.38
Singapore	84.00	13.56	16.14
Tanzania Rep.	28243.25	6363.13	22.53
U Arab Emts	331.18	74.25	22.42
UK	3.10	0.80	25.97
USA	302.00	67.32	22.29
Unspecified	1117.00	261.56	23.42
TOTAL	145605.49	33739.30	23.17

2008-09

Country	Quantity (in Tonnes)	Value (in Rs. Lakh)	Rate of Import (Rs./Kg.)
1	2	3	4
Argentina	47.00	16.82	35.79
Australia	122748.17	26717.11	21.77
Canada	6531.18	2199.98	33.68
Ethiopia	608.00	166.33	27.36

1	2	3	4
Italy	0.49	0.13	26.25
Kenya	205.93	49.79	24.18
Malaysia	20.00	6.74	33.71
Myanmar	42586.64	11428.11	26.83
Portugal	65.00	25.12	38.65
Russia	5453.61	1453.04	26.64
Tanzania Rep.	18930.12	4313.02	22.78
Turkey	462.00	202.69	43.87
Ukraine	22.00	5.14	23.37
USA	535.00	189.12	35.35
TOTAL	198215.12	46773.15	23.60

2009-10

Country	Quantity (in Tonnes)	Value (in Rs. Lakh)	Rate of Import (Rs./Kg.)
1	2	3	4
Argentina	3911.00	1386.12	35.44
Australia	251371.60	58011.72	23.08
Canada	12583.58	4686.03	37.24
China P Rep.	167.96	68.62	40.85
Djibouti	40.00	10.90	27.24
Ethiopia	3285.63	755.13	22.98
Indonesia	146.00	38.36	26.27
Iran	726.00	307.50	42.36
Malawi	47.00	9.67	20.57
Myanmar	11622.65	3549.64	30.54

1	2	3	4
Mexico	3959.00	1914.79	48.37
Romania	240.00	59.94	24.98
Russia	6016.14	1302.01	21.64
Tanzania Rep.	29773.82	6613.81	22.21
Turkey	15.00	5.47	36.46
U Arab Emts	69.00	15.32	22.21
Ukraine	196.00	52.40	26.74
USA	13520.57	6002.11	44.39
Unspecified	700.00	154.26	22.04
TOTAL	338390.95	84943.81	25.10

2010-11

Country	Quantity (in Tonnes)	Value (in Rs. Lakh)	Rate of Import (Rs./Kg.)
1	2	3	4
Argentina	184.00	79.68	43.30
Australia	72179.02	16863.08	23.36
Canada	2005.18	811.85	40.49
Congo P Rep.	85.00	26.59	31.29
El Salvador	64.50	27.35	42.41
Italy	0.50	0.11	22.13
Myanmar	366.00	147.23	40.23
Mexico	395.00	199.42	50.49
South Africa	622.00	155.57	25.01
Tanzania Rep.	17180.24	3703.71	21.56
Turkey	55.00	21.89	39.80

1	2	3	4
U Arab Emts	43.20	14.40	33.33
UK	77.00	24.07	31.26
USA	7389.23	32136.17	42.44
TOTAL	100645.87	25211.13	25.05

2011-12 (April-Jan 2012)

Country	Quantity (in Tonnes)	Value (in Rs. Lakh)	Rate of Import (Rs./Kg.)
1	2	3	4
Argentina	746.45	505.37	67.70
Australia	113314.44	37331.89	32.95
Bangladesh Pr	12.00	3.00	25.04
Belgium	360.00	172.12	47.81
Canada	3618.86	1862.36	51.46
Taiwan	324.00	116.56	35.98
China P Rep.	7687.00	3011.74	39.18
Ethiopia	164.00	93.58	57.06
France	268.00	110.44	41.21
Germany	1191.00	553.10	46.44
Greece	298.00	81.35	27.30
Indonesia	426.00	171.48	40.25
Italy	162.00	136.85	84.48
Cote D' Ivoire	24.00	14.43	60.14
Japan	368.00	159.89	43.45
Korea Rep.	765.00	360.22	47.09
Malaysia	787.50	347.60	44.14

1	2	3	4
Myanmar	27725.52	13116.94	47.31
Mexico	462.00	407.69	88.25
Netherland	48.00	19.81	41.28
New Zealand	120.00	45.99	38.33
Romania	68.00	25.74	37.85
Russia	4064.02	1626.91	40.03
Singapore	237.00	101.82	42.96
South Africa	243.00	79.30	32.63
Sweden	121.00	65.98	54.53
Switzerland	72.00	40.82	56.69
Tanzania Rep.	9322.52	3347.68	35.91
Thailand	225.00	102.29	45.46
Turkey	1383.00	841.05	60.81
U Arab Emts	187.23	70.27	37.53
U K	460.00	201.64	43.83
USA	4242.86	2311.78	54.49
Vietnam Soc. Rep.	48.00	20.52	42.75
Unspecified	44.00	20.75	47.15
TOTAL	179589.40	67478.99	37.57

Note : Figures for 2011-12 (April-Jan. 2012) are provisional and subject to change/revision.

Impact of climate change on agriculture

4683. DR. GYAN PRAKASH PILANIA: Will the Minister of AGRICULTURE be pleased to state:

(a) the predictions of impact of climate change on agriculture, as revealed by studies recently undertaken by Indian Network for Climate Change Assessment,