

SUBJECT: STATUS OF THE AREA-WISE PRODUCTION ESTIMATES, MARKET ARRIVALS AND PRICES INCLUDING IMPORT, EXPORT OF GRAM IN COUNTRY DURING LAST FIVE YEARS

1. Production Scenario:

During 2016-17, the production of Gram has been recorded at 90.75 lakh tons (3rd Adv. Estimates), which is 9% higher than the Normal and 29% higher than the last year. However, the ever highest production of 95.30 lakh tonnes of this commodity was recorded during 2013-14.

Sowing period of the gram crop starts from 1st week of October to last week of December. Accordingly, the harvesting period of the crops starts after it achieves the maturity period, generally after 110-125 days of crop sowing period. Highest production of Bengal Gram is from Madhya Pradesh which is around 39% of national Production.

Table I. National Production of Bengal Gram (chana)

Crop/Year	2015-16	2016-17	Increase over previous year
1 st July to 30 th June	Final Estimate	Third Advance Estimate	
Bengal Gram (Chana)	70.6 lakh tonnes	90.8 lakh tonnes	20.2 lakh tonnes (28.61%)

Source: DES (DAC&FW)

Table II. State-wise Area production of Bengal Gram

(Area: lakh ha, Production -lakh tonnes)

State	Normal		2013-14		2014-15		2015-16**		2016-17*	
	Area	Production	Area	Production	Area	Production	Area	Production	Area	Production
M.P.	30.60	32.11	31.60	32.99	28.53	29.64	30.17	32.65	32.22	35.49
Maharashtra	13.71	11.36	18.20	16.22	14.27	10.88	14.41	7.31	18.95	16.48
Rajasthan	15.30	12.98	19.24	16.40	12.56	9.11	9.42	8.03	14.86	13.82
Karnataka	9.23	6.22	9.46	7.16	9.39	6.74	13.72	8.97	10.25	3.90
Andhra Pradesh	4.68	5.21	4.72	5.97	3.42	3.91	4.71	5.00	3.92	4.34
Chhattisgarh	2.64	2.54	2.77	2.13	2.81	2.90	3.03	2.19	2.93	3.01
Uttar Pradesh	5.77	5.47	5.77	4.75	5.58	3.68	2.68	2.16	5.62	6.32
Jharkhand	1.30	1.48	1.56	1.82	1.61	1.86	1.64	1.73	1.86	2.19
Gujarat	1.99	2.30	2.47	3.09	1.61	1.99	1.15	1.53	1.70	2.10
Telangana	0.96	1.42	1.14	2.46	0.59	0.81	0.70	0.49	1.01	1.24
Bihar	0.59	0.70	0.61	0.70	0.60	0.57	0.61	0.60	0.60	0.59
West Bengal	0.24	0.28	0.25	0.29	0.26	0.31	0.31	0.37	0.30	0.33
Total of above	87.01	82.07	97.79	93.98	81.23	72.40	82.55	71.03	94.22	89.81
All-India	88.37	83.23	99.27	95.26	82.51	73.32	83.49	71.69	95.39	90.75

Source: Normal: DES, (Ave. of 2010-11 to -2014-15), *IIIrd Advance Estimates of Production 2016-17 & **IVth Advance Estimates 2015-16.

Table III. Import and Export of Gram

(Unit: Lakh Tons)

Year	Domestic Production	Import	Export	Total Availability
1	2	3	4	5= (2+3-4)
2013-14	95.25	2.76	3.34	94.67
2014-15	73.32	4.19	1.90	75.61
2015-16	71.69	10.31	2.17	79.83
2016-17*	90.75	9.29	0.69	99.35

Source: GOI, MoA & FW, Min. of Commerce & Industry; * Domestic production 3rd Adv. Est. & Import & Export 2016-17 (Apr. 2016-Feb. 2017)

2. Mandi arrivals: Major producing States:

The mandi arrivals of Bengal Gram (Chana) for the major producing states from 01.07.2016 to 31.05.2017 is 17.72 % higher as compared to the corresponding period of last year.

Table IV. Mandi arrivals of major producing states of Gram

(Unit- Arrivals in Lakh Tonnes)

State	July 01, 2015 to May 31, 2016	July 01,2016 To May 31,2017	% Change over 2015-16
Andhra Pradesh	0.200	0.040	-79.86
Assam	0.136	0.131	-3.33
Chattisgarh	0.268	0.156	-41.84
Gujarat	0.339	0.520	53.30
Haryana	0.028	0.009	-68.79
Jharkhand	0.009	0.001	-94.26
Karnataka	0.872	0.847	-2.93
Kerala	0.042	0.023	-44.66
Madhya Pradesh	7.050	8.082	14.64
Maharashtra	3.173	3.635	14.57
Manipur	0.013	0.012	-5.58
NCT of Delhi	0.001	0.001	59.19
Orissa	0.000	0.000	-91.71
Punjab	0.030	0.000	-99.90
Rajasthan	1.117	2.381	113.23
Tamil Nadu	0.002	0.000	-91.91
Telangana	0.002	0.015	779.98
Tripura	0.000	0.003	-
Uttar Pradesh	1.838	1.957	6.46
Uttarakhand	0.016	0.006	-60.14
West Bengal	0.063	0.074	17.11
Total	15.199	17.893	17.72

Source: AGMARKNET

NOTE: During 2015-16 the AGMARKNET data for Gram was captured under two heads i.e. Bengal Gram and Big Gram and the same was merged and reported in a single commodity name: Bengalgram (Gram) w.e.f 11.03.2016.

Table V. Market Arrivals & Prices of Gram

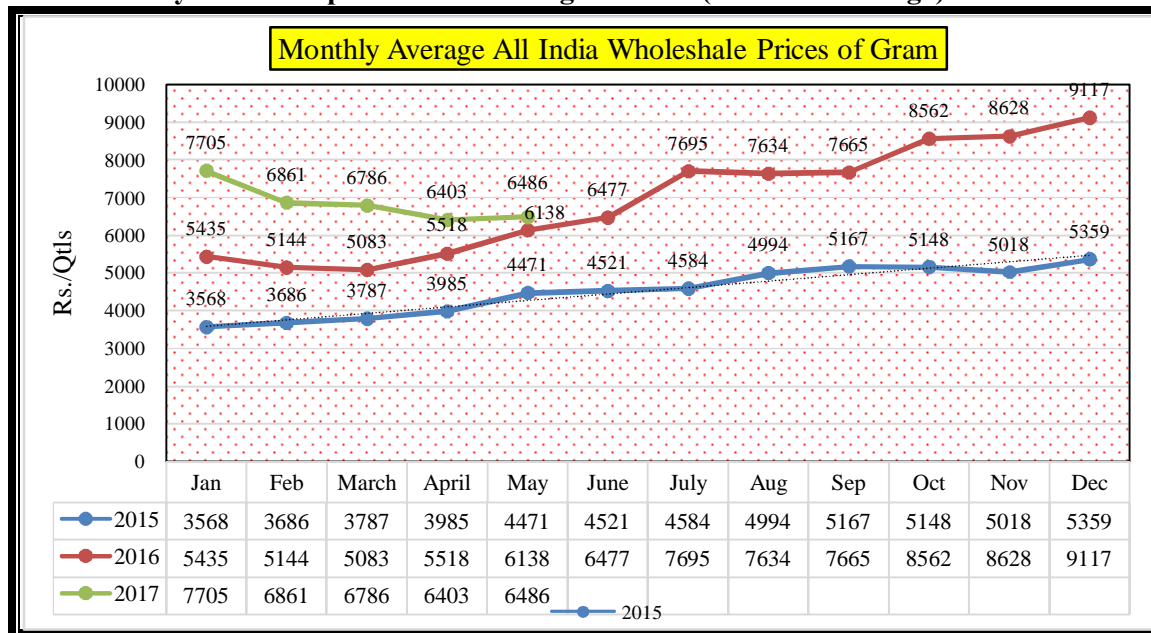
(As on May,01st- 31st)

State	Market Rates (Rs/qty)				Market Arrivals (Lakh tons)			
	2014	2015	2016	2017	2014	2015	2016	2017
MSP	3100	3175	3425	4000				
M.P.	2673	4241	5623	5370	0.967	0.379	1.558	1.942
Maharashtra	2519	4287	5587	5420	0.459	0.311	0.342	0.559
Rajasthan	2710	4201	5566	5229	1.190	0.322	0.252	0.671
Karnataka	2661	4674	5687	6367	0.132	0.068	0.065	0.091
Andhra Pradesh	2824	3712	5061	5954	0.005	0.012	0.000	0.007
Chhattisgarh	2661	4417	5510	5451	0.013	0.011	0.050	0.028
Uttar Pradesh	3350	4218	5735	5793	0.241	0.211	0.232	0.262
Jharkhand	3580	5528	6208		0.017	0.004	0.000	0.000
Gujarat	2698	4412	5719	5352	0.067	0.038	0.041	0.069
Telangana	2474	4229	4390	5756	0.000	0.000	0.000	0.001
Bihar					0.000		0.000	0.000
West Bengal			11250	9100	0.000		0.016	0.008
All-India	3312	4471	6135	6468	3.104	1.386	2.588	3.664

Source: AGMARKNET

- The all India market arrival of gram during May, 2016 was 2.59 lakh tons which was about 3.61% of the total gram production during 2015-16 whereas during May, 2017 it is 3.66 lakh tons which is about 4.04 % of total gram production during 2016-17 which is only 0.43 % higher than the last year.
- The market arrival during May, 2014 was 3.10 lakh tons which is only 3.26% of the total gram production during 2013-14, the ever highest gram production year with 95.25 lakh tons of production of Chana. It reveals that the arrivals percentage of gram during the current year (May 1st-31st, 2017) is higher by 0.78 % than the ever highest gram production year of 2013-14 during corresponding period (May 01st-31st, 2014).

The monthly wholesale price trend of Bengal Gram: (National Average)



Source: AGMARKNET

Table VI. Monthly Wholesale Price Trend of Bengal Gram in major producing States:

Average Monthly Wholesale prices of Bengalgram (Gram) of Major Producing States for Last Five Years (Rs./qtls)												
Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
2013	3672	3281	3252	3347	3316	3295	3082	3073	3014	3047	2890	2906
2014	2809	2716	2983	2845	2929	2792	2704	2834	2891	2888	3001	3040
2015	3256	3459	3420	3704	4266	4234	4220	4548	4729	4702	4360	4676
2016	4555	4339	4387	5040	5431	6175	7357	7014	7262	8660	8287	8569
2017	6782	5449	5430	5881	5658							

Note: The Major Producing States: AP, CG, MP, MS, Karnataka, Telangana, Gujarat, Uttar Pradesh.

The trend of monthly wholesale prices of gram during last five years exhibit that the market rates are directly related with the production, the decreasing trend of prices observed during the 2014 and current year 2017 due to record production of gram during 2013-14 & 2016-17. The increasing price trend observed during 2015 and 2016 in view of less production during 2014-15 & 2015-16. During the current year wholesale price of gram during the month of January to May, 2017 show decreasing trend due to increasing trend of market arrivals with 17.72% higher than the last year in the same period. The details are enumerated under Table VI.

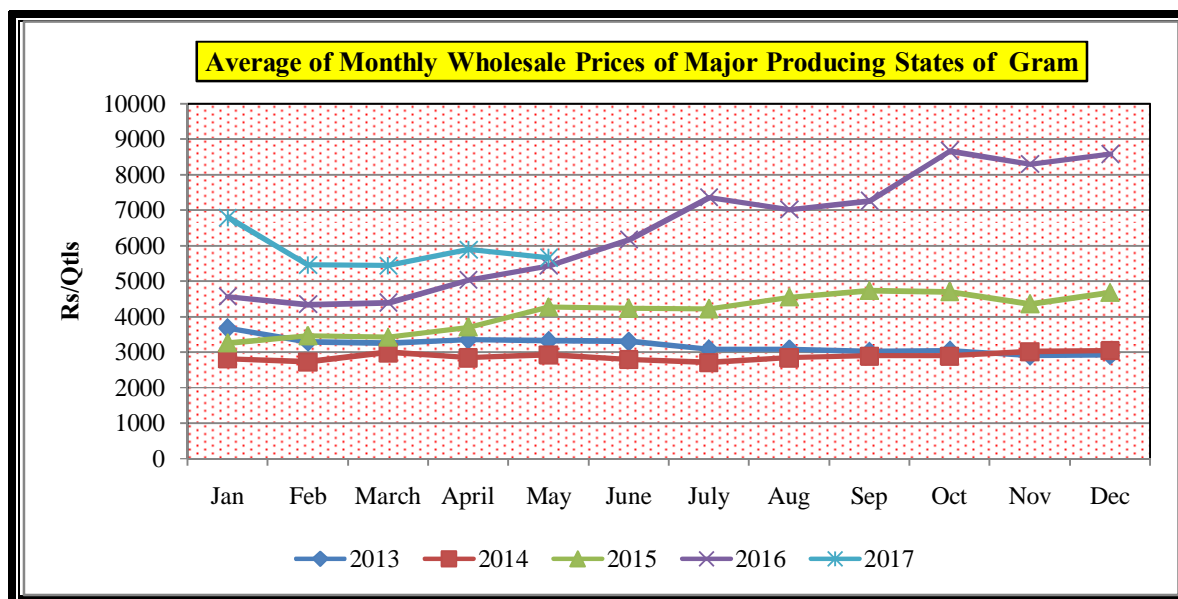


Table-VII. Weekly wholesale price of Gram for the month of May (Unit: Rs/Qtl)

State	Wholesale Prices				% Change over		
	May ,24-31, 2017	May, 16-23, 2017	May,09-15, 2017	May, 24-31,2016	May, 16-23, 2017	May,09-15, 2017	May, 24-31,2016
Andhra Pradesh	5477	6005.15	6051.68	5302.58	-8.79	-9.49	3.29
Assam				7050			
Chhattisgarh	5329	5557.5	5464.96	5600.31	-4.12	-2.5	-4.85
Gujarat	5235	5432.51	5410.96	5926.47	-3.64	-3.25	-11.7
Haryana		5000	5395.6	5386.09			
Jharkhand				6229.43			
Karnataka	6056	6289.87	6589.19	5785.22	-3.73	-8.1	4.67
Kerala	7162	7132.19	7086.48	7097.81	0.42	1.07	0.91
Madhya Pradesh	5205	5493.37	5502.95	5744.43	-5.25	-5.42	-9.39
Maharashtra	5281	5487.54	5533.85	5809.91	-3.71	-4.57	-9.11
Manipur	9585	9521.38	9631.47	7500	0.67	-0.48	27.8
NCT of Delhi	6411	5727.27	5977.39		11.94	7.25	
Rajasthan	5075	5250.82	5297.91	5938.85	-3.36	-4.22	-14.6
Telangana	5421	5728.44	5932.95		-5.38	-8.64	
Tripura	9273	8850	9600		4.78	-3.41	
Uttar Pradesh	5854	5810.87	5728.56	5871.41	-0.73	2.18	-0.3
West Bengal	8974	9010.22	9149.54	11280.61	0.04	-1.92	-20.5
Average	6453	6419.81	6556.9	6465.94	0.52	-1.58	-0.20

Source: AGMARKNET-APMCs Data

The Market prices of gram during May, 2014, 2015, 2016 have been ruling higher corresponding to their MSPs. During the current year May, 2017, the prevailing market prices are also ruling above the MSP of Rs. 4000/ql. The market price trend during last week of May, 2017 shows marginal decreasing trend over the previous year of corresponding period and previous to previous week of current year with -0.20 % & -1.58 % respectively. However, change over previous week depicted marginal increasing trend (0.52 %). The details are enumerated under Table VII.

Conclusion:

As per Agmarknet portal, the mandi arrivals of Bengal Gram (Chana) for all the states from 01.07.2016 to 31.05.2017 are 17.72% higher as compared to the corresponding period of last year (2015-16).

The arrivals during the current year/month are higher than the corresponding year/month of the last year 2016. The probable reasons of higher arrival and prevailing market prices may be attributed to the followings:

- The higher MSP regime in pulses (Gram) is paying dividends to pulse growers in fetching remunerative prices of their produce. Currently price is above the MSP and is sustaining above MSP, because of procurement by the Government in major gram producing states.
- There is no carry forward stock (31st March, 2017) with the farmers, millers, stockist, traders and also the public sector agencies like NAFED and the produce being sold both at organized and non-organized trading routes.
- Holding of stocks by the farmers with access to information network, enhanced holding capacities anticipating further better prices correlating the previous year price regime.
- Farmers enhanced access to get finance through sale proceeds of wheat crop and the KCCs and generally not constrained to distress sale.
- The price trends have been decreasing from March/April onwards during the current year as compared to the corresponding period of last year. It is an indicative that production is more.
- The status market arrivals during the current year is better than the last year due to excess production of gram during the current year.
- Generally, of the total production/ quantity of the gram commodity i.e., 42-43 percent of the Total availability (Total production + Import - Export-Change in stock over year-NSSO based consumption) is retained as stock and the remaining 56-58 percent of the total available quantity remains under trading
