



**MONTHLY REPORT  
ONION  
(MARCH, 2018)**



**Horticulture Statistics Division  
Department of Agriculture, Cooperation & Farmers Welfare  
Ministry of Agriculture & Farmers Welfare  
Government of India  
New Delhi**

## 1. PRODUCTION OF ONION:

- The major Onion producing states are Maharashtra, Madhya Pradesh, Karnataka, Gujarat, Rajasthan, Bihar, Haryana, Andhra Pradesh, Tamil Nadu, and West Bengal in the country. These States account for almost 90% of the total onion production of the country. The production of onion during the year 2017-18 (First Advance Estimate) is estimated to be 4.5% lower as compared to the previous year. However as compared to past 5 years average production, it is 8.6% higher. (Table-1.3).
- Details regarding seasonality, harvesting period and production of Onion crop are given in Table-1.1

**Table-1.1**

### SEASONS, TRANSPLANTING & HARVESTING PERIOD AND PRODUCTION

(Agriculture Year: July-June, Production in Lakh Tonnes)

Season	Transplanting	Harvesting Period	Five year Average Production (2012-13 to 2016-17)	Production 2016-17	Production 2017-18 (1 <sup>st</sup> A.E.)
<b>Kharif</b>	July - August	October-December	30	34	29
<b>Late Kharif</b>	October - November	January-March	39	45	47
<b>Rabi</b>	December - January	End of March to May	128	145	138
<b>Total</b>			<b>197</b>	<b>224</b>	<b>214</b>

Source: State Departments of Horticulture & Agriculture

### SOWING OF RABI ONION:

Rabi onion has been sown in about 611.53 Thousand Ha in different states of the country as compared to 569.11 Thousand Ha during same time of last year. The major Rabi onion area is in Maharashtra (348.86 Thousand Ha) followed by Madhya Pradesh (106.32 Thousand Ha), Rajasthan (48.80 Thousand Ha), Gujarat (45.70 Thousand Ha), Haryana (21.23 Thousand Ha), Tamil Nadu (18.08 Thousand Ha), Karnataka (16.77 Thousand Ha) and Andhra Pradesh (5.79 Thousand Ha). The harvesting of Rabi onion crops started in Maharashtra, Madhya Pradesh, Gujarat and Rajasthan. The harvesting of crop in UP, Bihar and Odisha will be started in mid of April.

**Table 1.2**

**STATUS OF THE SOWING/TRANSPLANTING IN MAJOR ONION PRODUCING STATES**

Area in Thousand Ha																			
S.N.	State	% Share in Production	Five Years Average Area (2011-12 to 2015-16)				Sowing Status 2017-18 (For Current Season)				Sowing Status 2016-17 (For Corresponding period)				Area sown this year (2017-18) as compared to corresponding period of last year(2016-17) (in %)				Sowing status as on
			Kharif	Late Kharif	Rabi	All Season Total	Kharif	Late Kharif	Rabi	All Season Total	Kharif	Late Kharif	Rabi	All Season Total	Kharif	Late Kharif	Rabi	All Season Total	
1	MAHARASHTRA	30.0	48.309	53.439	313.102	<b>414.849</b>	36.869	121.551	348.855	<b>507.275</b>	53.529	68.929	355.981	<b>478.439</b>	-31.12	76.34	-2.00	<b>6.03</b>	12.3.18
2	MADHYA PRADESH	14.1	8.749	2.302	99.587	<b>110.637</b>	14.985	6.725	106.317	<b>128.027</b>	9.500	2.500	108.140	<b>120.140</b>	57.74	169.00	-1.69	<b>6.56</b>	14.3.18
3	KARNATAKA	13.7	116.576		53.538	<b>170.114</b>	79.318		16.769	<b>96.087</b>	135.299		10.270	<b>145.569</b>	-41.38		63.28	<b>-33.99</b>	5.3.18
4	GUJARAT	7.1	4.626		47.462	<b>52.088</b>			45.700	<b>45.700</b>				<b>0.000</b>					22.1.18
5	ANDHRA PRADESH	5.2	30.871	9.516	14.491	<b>54.877</b>	24.416	5.708	5.785	<b>35.909</b>	21.265	6.555	9.760	<b>37.580</b>	14.82	-12.92	-40.73	<b>-4.45</b>	25.1.18
6	RAJASTHAN	4.5	16.568		0.000	<b>16.568</b>		12.205	48.800	<b>61.005</b>		10.591	51.908	<b>62.499</b>		15.24	-5.99	<b>-2.39</b>	27.2.18
7	HARYANA	3.4	8.028		20.921	<b>28.949</b>	7.196	0.569	21.226	<b>28.991</b>	1.774	0.772	15.074	<b>17.620</b>	305.64	-26.30	40.81	<b>64.53</b>	26.3.18
8	TAMIL NADU	2.2	16.067		19.385	<b>35.452</b>	5.622		18.077	<b>23.699</b>	14.381		17.983	<b>32.364</b>	-60.91		0.52	<b>-26.77</b>	23.3.18
	<b>Total</b>	<b>80.2</b>	<b>249.793</b>	<b>65.257</b>	<b>568.485</b>	<b>883.535</b>	<b>168.406</b>	<b>146.758</b>	<b>611.529</b>	<b>926.693</b>	<b>235.748</b>	<b>89.347</b>	<b>569.116</b>	<b>894.211</b>	<b>-28.57</b>	<b>64.26</b>	<b>7.45</b>	<b>3.63</b>	

Note: The final sowing data is yet to receive from the States.

Source: State Govt

**Table-1.3****STATE-WISE ONION PRODUCTION IN THE COUNTRY****Production in '000 Tonnes**

STATE/UTs	Five year Average (2012-13 to 2016-17)		2016-17		2017-18 (1st A.E.)	
	Production	% Share	Production	% Share	Production	% Share
MAHARASHTRA	5829.82	29.59	6734.74	30.03	5355.39	25.02
MADHYA PRADESH	2985.73	15.16	3721.61	16.59	3859.83	18.04
KARNATAKA	2686.71	13.64	3049.48	13.60	3197.40	14.94
GUJARAT	1265.62	6.42	1290.17	5.75	1303.07	6.09
RAJASTHAN	945.27	4.80	1149.29	5.12	1292.20	6.04
BIHAR	1231.12	6.25	1248.96	5.57	1246.96	5.83
HARYANA	661.12	3.36	682.94	3.05	905.80	4.23
ANDHRA PRADESH	988.41	5.02	916.43	4.09	695.12	3.25
TAMIL NADU	458.73	2.33	750.67	3.35	687.50	3.21
WEST BENGAL	408.42	2.07	465.45	2.08	560.65	2.62
CHHATTISGARH	336.99	1.71	422.05	1.88	440.25	2.06
UTTAR PRADESH	429.46	2.18	426.98	1.90	427.49	2.00
ODISHA	400.86	2.03	378.64	1.69	380.84	1.78
JHARKHAND	302.53	1.54	292.59	1.30	278.13	1.30
ASSAM	50.74	0.26	81.28	0.36	241.81	1.13
PUNJAB	190.69	0.97	202.55	0.90	214.48	1.00
TELANGANA	334.62	1.70	402.37	1.79	105.27	0.49
JAMMU & KASHMIR	66.04	0.34	69.16	0.31	69.85	0.33
HIMACHAL PRADESH	44.17	0.22	50.45	0.22	50.74	0.24
UTTARAKHAND	39.98	0.20	41.77	0.19	42.19	0.20
MIZORAM	6.91	0.04	8.44	0.04	7.93	0.04
NAGALAND	7.17	0.04	7.29	0.03	7.22	0.03
MANIPUR	4.09	0.02	6.12	0.03	5.74	0.03
MEGHALAYA	4.38	0.02	4.94	0.02	5.19	0.02
SIKKIM	1.76	0.01	1.93	0.01	1.93	0.01
TRIPURA	1.44	0.01	3.24	0.01	1.53	0.01
KERALA	0.09	0.00		0.00		0.00
OTHERS	17.26	0.09	17.89	0.08	17.37	0.08
<b>TOTAL</b>	<b>19700.14</b>	<b>100.00</b>	<b>22427.42</b>	<b>100.00</b>	<b>21401.86</b>	<b>100.00</b>

Source: State Departments of Horticulture &amp; Agriculture

## 2. MONTHLY ARRIVAL:

The five years (2012-2016) average monthly arrival of Onion in different markets of the country along with average arrival of 2017 and 2018 (till date) are given in **Table-2.1**.

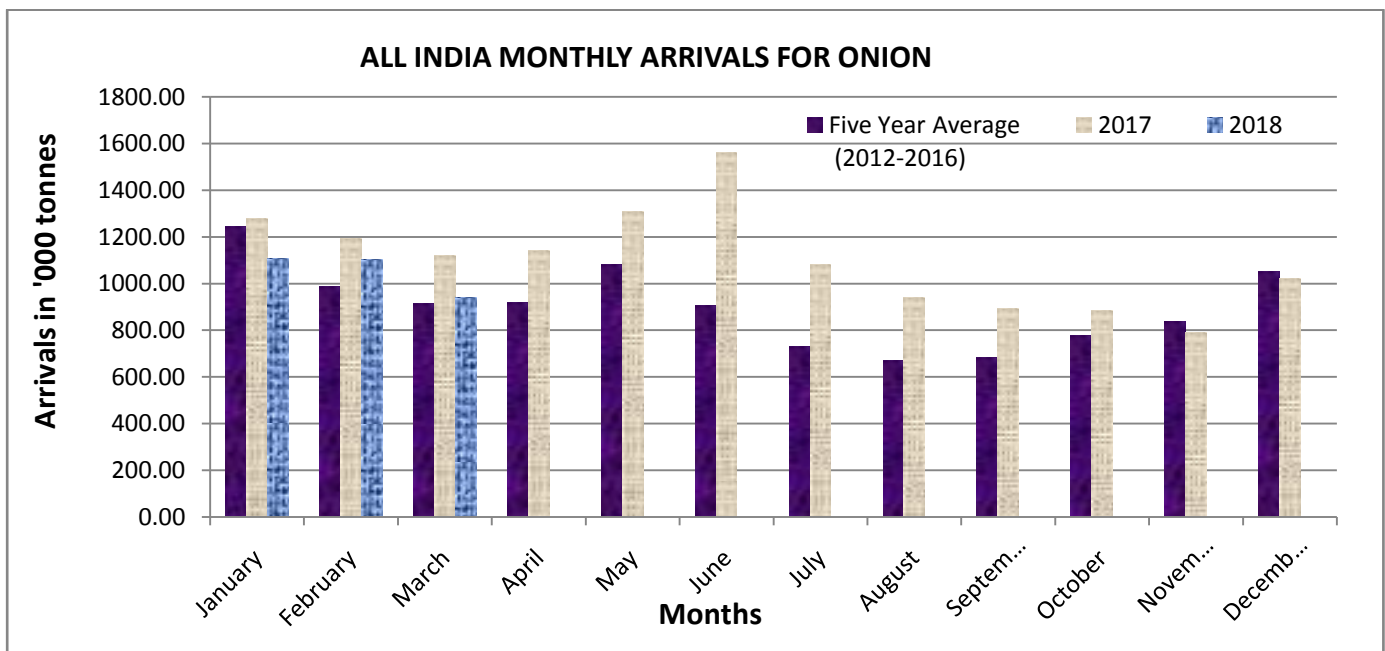
**Table-2.1**

### ALL INDIA MONTHLY ARRIVALS

Arrivals in '000 Tonnes

Month	All India Arrivals		
	Five Year Average (2012-2016)	2017	2018
January	1244.55	1278.89	1107.18
February	985.71	1194.75	1101.31
March	914.30	1120.94	938.03
April	917.04	1141.33	
May	1080.92	1307.94	
June	903.44	1561.05	
July	728.57	1082.04	
August	669.79	939.67	
September	683.14	893.51	
October	776.01	883.39	
November	839.04	790.50	
December	1050.40	1023.31	

Source: AGMARKNET



**Note:** The above graph depicts All India average of monthly arrivals of onion.

### 3. STATUS OF ONION MARKETING:

The average weekly, monthly and yearly wholesale and retail prices of onion in different markets and their variation percentage are given in **Table-3.1**. The average wholesale monthly prices of Delhi and All India monthly average wholesale prices along with graphic presentation are given in **Table-3.2** and **Table-3.3** respectively.

**Table-3.1**

Centre	Wholesale Prices (Rs./Qtl)							Retail Prices (DOCA) Rs/KG						
	Prices Today	1 Week Ago	1 Month Ago	1Year Ago	% Variation			Prices Today	1 Week Ago	1 Month Ago	1Year Ago	% Variation		
	28.03.2018	21.03.2018	27.02.2018	27.03.2017	over 1 Week	over 1 month	over 1 Year	28.03.2018	21.03.2018	27.02.2018	27.03.2017	over 1 Week	over 1 month	over 1 Year
<b>BHOPAL</b>	800	800	1200	420	0%	-33%	90%	12	12	22	8	0%	-45%	50%
<b>DELHI</b>	820	1056	1438	744	-22%	-43%	10%	26	26	33	20	0%	-21%	30%
<b>AHMEDABAD</b>	NR	NR	NR	750	NA	NA	NA	34	34	34	15	0%	0%	127%
<b>PUNE</b>	700	500	900	600	40%	-22%	17%	17	15	18	16	13%	-6%	6%
<b>MUMBAI</b>	1100	1150	1150	600	-4%	-4%	83%	25	26	37	16	-4%	-32%	56%
<b>LASALGAON</b>	810	740	1060	NR	9%	-24%	NA	NR	NR	NR	NR	NA	NA	NA
<b>PIMPALGAON</b>	710	701	1051	NR	1%	-32%	NA	NR	NR	NR	NR	NA	NA	NA
<b>JAIPUR</b>	850	1200	1850	750	-29%	-54%	13%	10	20	20	9	-50%	-50%	11%
<b>BHUBANESHWAR</b>	1025	1200	2000	900	-15%	-49%	14%	16	18	24	15	-11%	-33%	7%
<b>KOLKATA</b>	1200	1075	2600	800	12%	-54%	50%	20	20	40	16	0%	-50%	25%
<b>HYDERABAD</b>	700	750	950	450	-7%	-26%	56%	20	25	40	16	-20%	-50%	25%
<b>BENGALURU</b>	700	700	900	725	0%	-22%	-3%	20	42	42	14	-52%	-52%	43%
<b>CHENNAI</b>	1200	1400	2300	1000	-14%	-48%	20%	14	14	21	14	0%	-33%	0%
<b>AVERAGE</b>	<b>885</b>	<b>939</b>	<b>1450</b>	<b>704</b>	<b>-6%</b>	<b>-39%</b>	<b>26%</b>	<b>19</b>	<b>23</b>	<b>30</b>	<b>14</b>	<b>-15%</b>	<b>-35%</b>	<b>35%</b>

Source: 1- Wholesale Prices from AGMARKNET

2- Retail Prices from DOCA

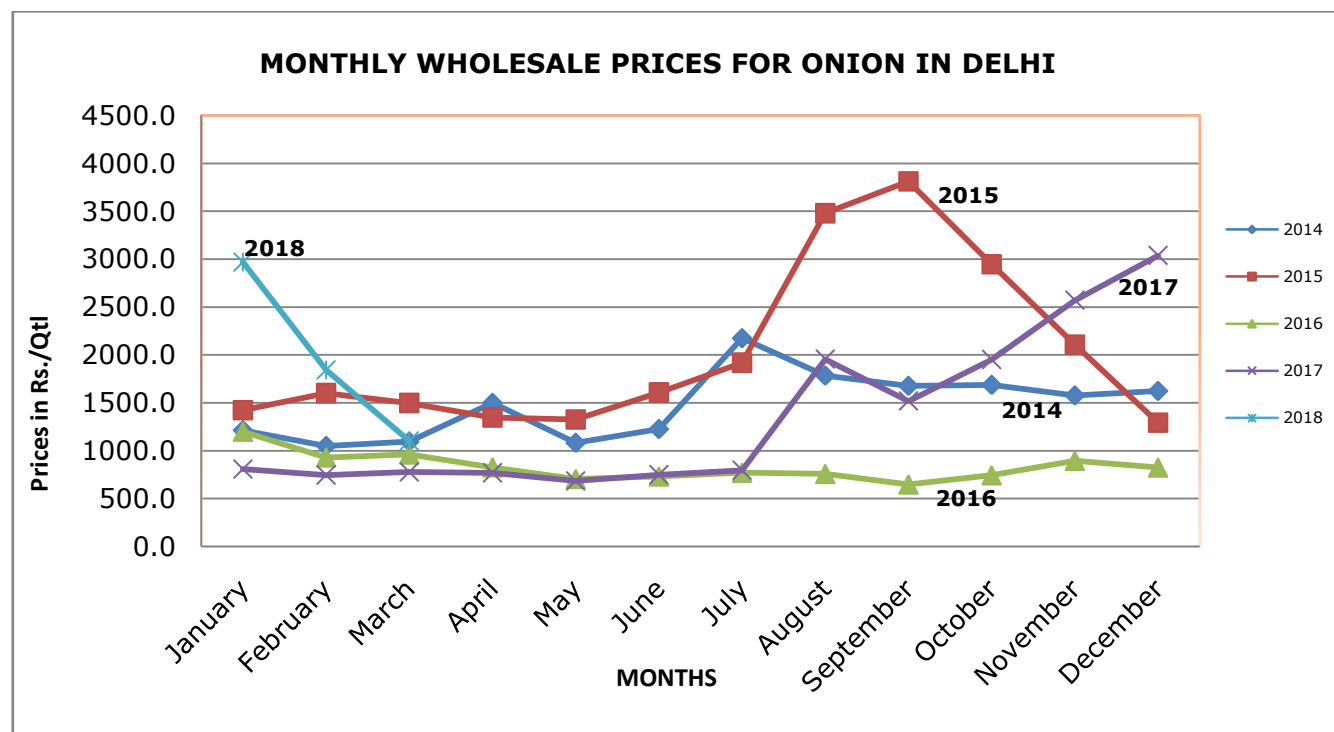
**Table-3.2**

**MONTHLY AVERAGE WHOLESALE PRICES OF ONION IN DELHI**

Month	Unit (Rs./Qtl.)				
	2014	2015	2016	2017	2018
January	1213.0	1423.6	1198.9	807.8	2970.9
February	1048.3	1602.1	929.5	744.4	1843.8
March	1094.0	1499.1	960.6	777.4	1101.7
April	1499.1	1346.5	825.8	768.3	
May	1081.4	1326.5	704.4	683.7	
June	1225.2	1608.8	729.9	747.7	
July	2175.6	1919.8	770.3	795.2	
August	1783.9	3479.9	757.4	1956.0	
September	1677.3	3811.8	646.8	1517.8	
October	1687.3	2947.3	742.9	1951.7	
November	1576.6	2108.5	894.3	2571.4	
December	1623.6	1293.9	824.0	3038.6	

Source: AGMARKNET

**Note:** The above table shows that the monthly average wholesale price of onion in Delhi

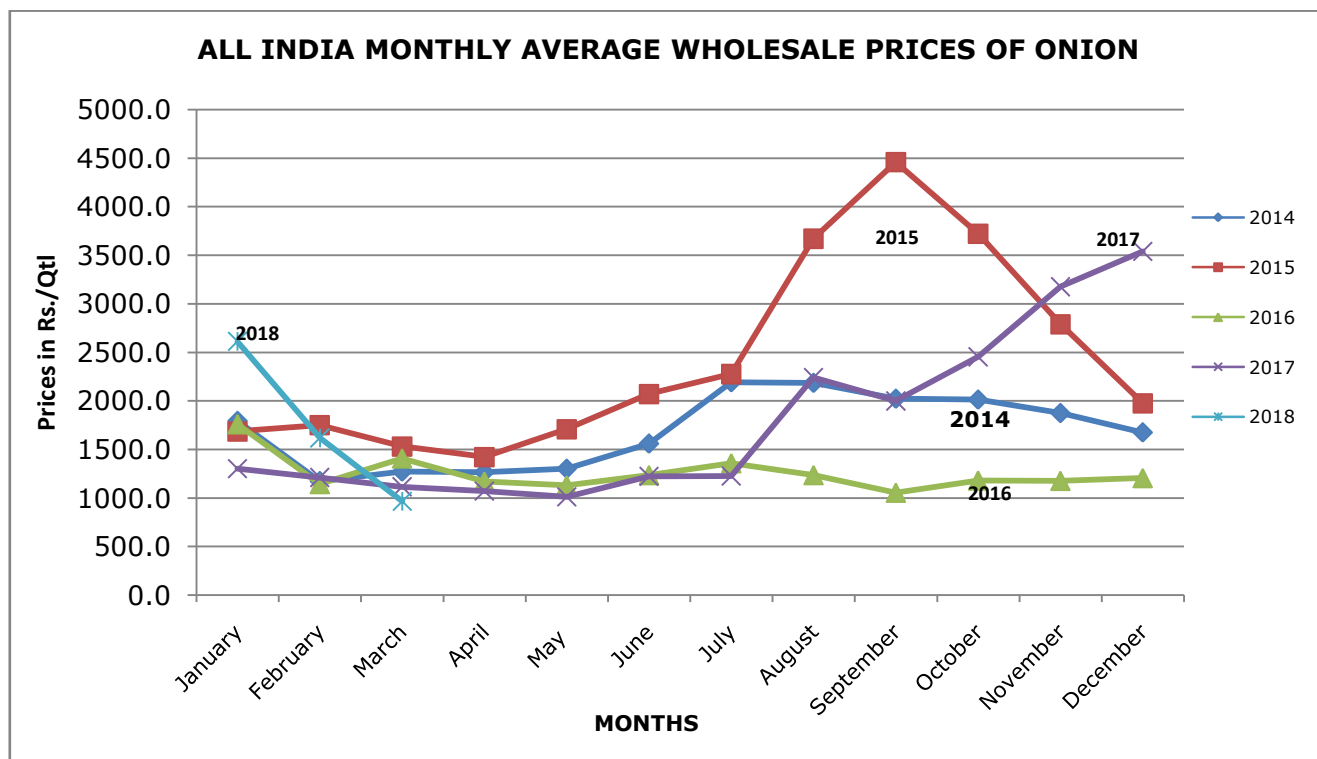


**Table-3.3**

**ALL INDIA MONTHLY AVERAGE WHOLESALE PRICES OF ONION**

Month	(Prices in Rs/Quintal)				
	2014	2015	2016	2017	2018
January	1791.3	1685.5	1759.6	1302.1	2610.7
February	1171.5	1749.7	1142.6	1210.7	1616.5
March	1269.4	1529.1	1407.4	1114.7	964.8
April	1263.5	1421.7	1169.2	1070.3	
May	1298.8	1707.3	1129.8	1011.7	
June	1558.1	2071.3	1235.1	1221.2	
July	2190.0	2275.8	1357.2	1225.2	
August	2183.7	3670.2	1235.0	2238.6	
September	2020.6	4459.1	1053.7	1998.4	
October	2011.2	3721.6	1179.5	2452.9	
November	1872.5	2789.2	1175.5	3173.7	
December	1673.5	1974.1	1204.2	3537.5	

Source: AGMARKNET Portal





#### 4. EXPORT OF ONION:

Table-4.1

Month	Qty In Lakh MT	
	2016-17	2017-18
April	1.95	1.60
May	2.30	2.09
June	1.90	1.24
July	1.54	1.42
August	1.95	1.58
September	1.97	1.44
October	2.04	0.87
November	1.90	1.14
December	2.57	1.00
January	1.90	
February	1.99	
March	2.15	
<b>Total</b>	<b>24.16</b>	<b>12.38</b>
<b>Source: APEDA</b>		