

## Maize Outlook – November 2021

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. U.S. Maize exports have reached to 51.44 MMT for the 2021-22 marketing year, with the exports of 6.88 MMT for the period of (15<sup>th</sup> Oct – 21<sup>st</sup> Oct) 2021, exports were down by 34 percent from the previous week and 24 percent from the prior 4-week average, to the destinations like Mexico (275,500 MT), Japan (148,800 MT), Colombia (144,100 MT), China (66,800 MT), and Costa Rica (38,000 MT). It expects that improved international market demand for maize, would provide support to CBOT Maize.

**Table 1: International Grain Council’s World Corn Projections (in million metric tonnes)**

	2019/20 (Estimated)	2020/21 (Forecast)	2021/22 (Projected)
<b>Opening Stocks</b>	326.4	298	276.2
<b>Production</b>	1126.5	1125.9	1210.1
<b>Imports</b>	174.5	188.5	178.3
<b>Total Availability</b>	1452.9	1423.9	1486.3
<b>Food</b>	130.1	130.3	133.3
<b>Feed</b>	691.9	681.1	716.1
<b>Industrial</b>	293.4	298.1	307.5
<b>Others</b>	39.5	38.1	44.2
<b>Total Consumption</b>	1154.9	1147.7	1201.2
<b>Exports</b>	174.5	188.5	178.3
<b>Ending Stocks</b>	298	276.2	285.1

Source: International Grains Council

**Table 2: Domestic Balance Sheet (in MMT)**

	2019/20 (Estimated)	2020/21 (Forecast)	2021-22 (Projected)
Opening Stocks	6.42	11.8	10.34
Production	28.77	24.51	23.95
Imports	0.34	0.02	0.15
Total Supply	35.53	36.33	34.44
Export	1.11	3.47	1.29
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	24.04
<b>Ending Stocks</b>	<b>11.8</b>	10.34	10.4

Source: [www.agriwatch.com](http://www.agriwatch.com)

In India, kharif maize has been sown in around 81.52 lakh hectares (201.44 lakh acres) as on 17<sup>th</sup> September 2021 which is higher than 80.23 lakh hectares (198.25 lakh acres) covered during corresponding period of last year. Major maize growing states are Madhya Pradesh 15.15 lakh ha (37.44 lakh acres), Karnataka 13.89 lakh ha (34.32 lakh acres), Maharashtra 8.70 lakh ha (21.50 lakh acres), Rajasthan 8.38 lakh ha (20.71 lakh acres), Uttar Pradesh 7.68 lakh ha (18.98

lakh acres), Bihar 3.83 lakh ha (9.46 lakh acres), Himachal Pradesh 2.88 lakh ha (7.12 lakh acres), Telangana 2.87 lakh ha (7.09 lakh acres) and Jammu & Kashmir 2.05 lakh ha (5.07 lakh acres).

**Table 3: State wise area under maize in India**

State	2020-21			2021-22		
	Lakh ha	Lakh acres	% to total area	Lakh ha	Lakh acres	% to total area
<b>Madhya Pradesh</b>	15.38	38.00	19.17	15.15	37.44	18.58
<b>Karnataka</b>	13.71	33.88	17.09	13.89	34.32	17.04
<b>Maharashtra</b>	8.81	21.77	10.98	8.70	21.50	10.67
<b>Rajasthan</b>	9.34	23.08	11.64	8.38	20.71	10.28
<b>Uttar Pradesh</b>	7.41	18.31	9.24	7.68	18.98	9.42
<b>Bihar</b>	3.99	9.86	4.97	3.83	9.46	4.70
<b>Himachal Pradesh</b>	2.82	6.97	3.51	2.88	7.12	3.53
<b>Telangana</b>	0.91	2.25	1.13	2.87	7.09	3.52
<b>Odisha</b>	2.31	5.71	2.88	2.43	6.00	2.98
<b>Jammu&amp;Kashmir</b>	2.08	5.14	2.59	2.05	5.07	2.51
<b>Punjab</b>	1.08	2.67	1.35	1.26	3.11	1.55
<b>Others</b>	12.39	30.62	15.44	12.40	30.64	15.21
<b>All India</b>	80.23	198.25	100.00	81.52	201.44	100.00

Source:<http://agricoop.nic.in/all-india-crop-situation>

**Table 4: District wise area under maize in Telangana State**

Districts	2020-21			2021-22		
	Ha	Acres	% to total area	Ha	Acres	% to total area
Kamareddy	13491.43	33338.00	14.80	37252.99	92054.00	12.97
Rangareddy	8997.79	22234.00	9.87	29166.14	72071.00	10.15
Vikarabad	3360.51	8304.00	3.69	28152.81	69567.00	9.80
Mahabubabad	9727.04	24036.00	10.67	22030.72	54439.00	7.67
Nagarkurnool	5156.51	12742.00	5.66	20446.37	50524.00	7.12
Siddipet	4477.04	11063.00	4.91	18925.96	46767.00	6.59
Mahabubnagar	2127.44	5257.00	2.33	15402.76	38061.00	5.36
Nizamabad	8673.64	21433.00	9.52	13828.13	34170.00	4.81
Warangal rural	1711.01	4228.00	1.88	8292.02	20490.00	2.89
Others	33428.30	82603.00	36.67	93731.41	231615.00	32.63
Telangana	91150.73	225238.00	100.00	287229.32	709758.00	100.00

Source: [www.agritelangana.gov.in](http://www.agritelangana.gov.in)

During vanakalam (Kharif) in Telangana, it has been sown in 2.87 lakh hectares (7.09 lakh acres) as on 29<sup>th</sup> September 2021 which is higher than 0.91 lakh hectares (2.25 lakh acres)

covered during corresponding period of last year. The major growing districts are Kamareddy 37252 ha (92054 acres), Rangareddy 29166 ha (72071 acres), Vikarabad 28152 ha (69567 acres), Mahabubnagar 15402 ha (38061 acres), Mahabubabad 22030 ha (54439 acres), Siddipet 18925 ha (46767 acres), Nagarkurnool 20446 ha (50524 acres) and Warangal Rural 8292 ha (20490 acres).

Maize on CBOT rose by US\$ 12.40 per MT to US\$ 223.71 per MT for December, 2021 contract compared to the previous month. It expects that improved demand for Maize in international market would support CBOT Maize.

It is expected that maize would trade in a range bound zone with mixed bias for coming near term. Crop arriving in markets with high moisture content is being traded at lower rates. Crop was destroyed in various parts of U.P, Maharashtra, A.P and M.P due to unfavorable weather conditions, and production estimates happens to be lower than what is required, this will provide support to maize market in coming weeks.

In Nizamabad market it is being traded between Rs. 1,800 – Rs.1,900 per quintal. Because of high moisture content arrivals in Davangere market, Karnataka is being traded at Rs. 1,600 per quintal. Good quality maize is being traded in Bihar between Rs.1,800 to Rs. 1,900 per quintal.

**Table 5: State wise Wholesale Prices Monthly Analysis for Maize October, 2021**

State	Prices October, 2021	Prices September, 2021	Prices October, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
<b>Andhra Pradesh</b>	1385.19	1140.15	1184.74	21.49	16.92
<b>Chattisgarh</b>	1545.35	1563.82	1102.24	-1.18	40.2
<b>Gujarat</b>	1675.03	1927.99	1463.8	-13.12	14.43
<b>Haryana</b>	1869.61	1650	1850	13.31	1.06
<b>Karnataka</b>	1655.46	1812.15	1229.57	-8.65	34.64
<b>Madhya Pradesh</b>	1380.27	1475.12	1134.74	-6.43	21.64
<b>Maharashtra</b>	1520.53	1633.49	1259.74	-6.92	20.7
<b>Nagaland</b>	3600	3150		14.29	—
<b>Odisha</b>	1513.01	1584.99	1266.19	-4.54	19.49
<b>Punjab</b>	1889.39	1694.01	1783.01	11.53	5.97
<b>Rajasthan</b>	1548.03	1763.69	1340.42	-12.23	15.49
<b>Tamil Nadu</b>	1727.77	1882.38	1537.77	-8.21	12.36
<b>Telangana</b>	1689.22	1648.48	1116.75	2.47	51.26
<b>Uttar Pradesh</b>	1670.09	1673.37	1224.84	-0.2	36.35
<b>Average</b>	1762.07	1757.12	1345.68		

Source: [https://agmarknet.gov.in/PriceTrends/SA\\_Pri\\_Month.aspx](https://agmarknet.gov.in/PriceTrends/SA_Pri_Month.aspx)

**Table 6: Maize arrivals and prices in Kesamudram Market for the month of October 2021**

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	2,389	1,102	1,831	1,789
4	2,884	1,420	1,826	1,776
5	1,291	1,469	1,812	1,784
7	1,735	1,321	1,805	1,769
8	2,028	1,321	1,766	1,736
11	4,690	1,326	1,721	1,686
12	2,756	1,359	1,721	1,689
18	1,367	1,209	1,705	1,672
20	2,957	1,061	1,697	1,666
21	1,461	1,021	1,719	1,695
25	3,081	1,206	1,756	1,742
26	1,763	1,129	1,786	1,776
27	1,071	1,455	1,811	1,785
28	812	1,490	1,821	1,801
29	1,980	1,459	1,827	1,789

Source: <http://tsmarketing.in/>

### Maize Price Outlook

In Karnataka, maize is likely to trade in a mixed sentiment with slightly firm bias for good quality material. Production estimates of Karnataka for 2021-22 happens to be 3.70 MMT; higher than 3.67 MMT in 2020-21 to. It expects that maize would trade in a range of Rs.1600-1800 per quintal (loose price) during the month of November'21.

In Naugachia region of Bihar, Maize is being traded at Rs.1,850 per quintal (Bilty Price). In Gulabghat, it is being traded at Rs. 1900 per quintal (Bilty Price). It is expected that maize would trade steady to slightly firm in near term due to decrease in arrival pressure. It expects that maize in Gulabghat would trade in a range of Rs. 1,850-2,000 per quintal (Bilty Price) during the month of November'21.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1650 - 1850** quintal during the month of November, 2021.