

## Maize Outlook – September 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 66.70 MMT in the 2020-21 marketing year, at 5.29 MMT (for the period 19 August – 26 August, 2021). U.S. Maize exports were down 30 percent from the previous week and 48 percent from the prior 4-week average to destinations of Mexico (258,700 MT), China (138,700 MT), Guatemala (34,600 MT), Colombia (30,400 MT), and Costa Rica (29,600 MT). It expects that weather and crop related concerns in U.S. and Brazil 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)
Opening Stocks	326.4	297.7	268.8
Production	1125.6	1126.9	1202.1
Imports	174.5	189.2	179.2
Total Availability	1452.0	1424.6	1470.9
Food	129.3	130.4	132.9
Feed	692.1	685.3	716.2
Industrial	293.4	301.8	307.8
Others	39.5	38.2	43.9
Total Consumption	1154.3	1155.7	1200.7
Exports	174.5	189.2	179.2
Ending Stocks	297.7	268.8	270.1

Source: International Grains Council

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

	2018/19 (Estimated)	2019/20 (Forecast)	2020-21 (Projected)
Opening Stocks	2.5	6.42	11.8
Production	27.72	28.77	24.51
Imports	0.21	0.34	0.02
Total Supply	30.43	35.53	36.33
Export	0.58	1.11	3.3
Domestic Consumption	23.43	22.62	22.52
Total Demand	24.01	23.73	25.82
Ending Stocks	6.42	11.8	10.51

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

**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
Madhya Pradesh	15.38	38.00	19.37	15.13	37.39	18.69
Karnataka	13.52	33.41	17.02	13.82	34.15	17.07
Maharashtra	8.75	21.62	11.02	8.60	21.25	10.62
Rajasthan	9.34	23.08	11.76	8.38	20.71	10.35
Uttar Pradesh	7.40	18.29	9.32	7.68	18.98	9.48
Bihar	3.97	9.81	5.00	3.84	9.49	4.74
Himachal Pradesh	2.82	6.97	3.55	2.88	7.12	3.56
Telangana	<b>0.88</b>	<b>2.17</b>	<b>1.11</b>	<b>2.47</b>	<b>6.10</b>	<b>3.05</b>
Odisha	2.30	5.68	2.90	2.40	5.93	2.96
Jammu&Kashmir	2.05	5.06	2.58	2.06	5.09	2.54
Punjab	1.08	2.67	1.36	1.26	3.11	1.56
Others	11.93	29.44	15.05	12.45	30.77	15.39
<b>All India</b>	<b>79.42</b>	<b>196.25</b>	<b>100.00</b>	<b>80.97</b>	<b>200.08</b>	<b>100.00</b>

Source: <http://agricoop.nic.in>

In India, kharif maize has been sown in around 80.97 lakh hectares (200.08 lakh acres) as on 03<sup>rd</sup> September 2021 which is higher than 79.42 lakh hectares (196.25 lakh acres) covered during corresponding period of last year. Major maize growing states are Madhya Pradesh 15.13 lakh ha (37.39 lakh acres), Karnataka 13.82 lakh ha (34.15 lakh acres), Maharashtra 8.60 lakh ha (21.25 lakh acres), Rajasthan 8.38 lakh ha (20.71 lakh acres), Uttar Pradesh 7.68 lakh ha (18.98 lakh acres), Bihar 3.84 lakh ha (9.49 lakh acres), Himachal Pradesh 2.88 lakh ha (7.12 lakh acres), Telangana 2.47 lakh ha (6.10 lakh acres) and Jammu Kashmir 2.06 lakh ha (5.09 lakh acres).

**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
Mahabubnagar	2121.77	<b>5243.00</b>	2.41	30578.50	<b>75561.00</b>	12.33
Rangareddy	8496.39	<b>20995.00</b>	9.65	28901.88	<b>71418.00</b>	11.66
Kamareddy	13315.80	<b>32904.00</b>	15.12	25350.36	<b>62642.00</b>	10.23
Vikarabad	3347.97	<b>8273.00</b>	3.80	24366.16	<b>60210.00</b>	9.83
Mahbubabad	8965.01	<b>22153.00</b>	10.18	17832.50	<b>44065.00</b>	7.19
Siddipet	4263.77	<b>10536.00</b>	4.84	17662.94	<b>43646.00</b>	7.13
Nagarkurnool	5145.59	<b>12715.00</b>	5.84	16239.66	<b>40129.00</b>	6.55
Warangal rural	1706.16	<b>4216.00</b>	1.94	14104.13	<b>34852.00</b>	5.69
Jagityal	11958.88	<b>29551.00</b>	13.58	13627.81	<b>33675.00</b>	5.50
Others	28759.84	<b>71067.00</b>	32.65	59236.76	<b>146377.00</b>	23.90
Telangana	88081.18	<b>217653.00</b>	100.00	247900.69	<b>612575.00</b>	100.00

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

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

State	Prices August, 2021	Prices July, 2021	Prices August, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1386.8	1524.9	972.6	-9.06	42.59
Chhattisgarh	1482.08	1425.09	1219.96	4	21.49
Gujarat	1951.57	1918.38	1601.39	1.73	21.87
Haryana	1650	1524.01	1210.78	8.27	36.28
Jharkhand		1700		—	—
Karnataka	1893.27	1848.07	1299.12	2.45	45.73
Madhya Pradesh	1633.66	1645.15	1144.65	-0.7	42.72
Maharashtra	1961.54	1825.83	1323.17	7.43	48.25
Nagaland	3100	2500		24	—
Odisha	1474.84	1417.31	1285.94	4.06	14.69
Punjab	1619.64	1499.89	1198.13	7.98	35.18
Rajasthan	1774.77	1626.33	1576.44	9.13	12.58
Tamil Nadu	1460.38	1883.74	1406.88	-22.47	3.8
Telangana	1823.27	1667.66	1395.13	9.33	30.69
Uttar Pradesh	1659.44	1569.69	1177.5	5.72	40.93
<b>Average</b>	<b>1776.52</b>	<b>1705.07</b>	<b>1293.21</b>		

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 August 2021**

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
3	17	1,769	1,801	1,501
5	8	1,269	1,851	1,725
6	2	1,550	1,650	1,650
9	24	1,550	1,751	1,691
10	14	1,411	1,829	1,675
12	3	1,551	1,569	1,551
13	46	1,750	1,811	1,811
16	1	1,651	1,651	1,651
19	4	1,233	1,723	1,700
24	2	1,269	1,359	1,269
27	1	1,305	1,305	1,305
30	42	1,769	1,769	1,769

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

During Vanakalam (Kharif) in Telangana, it has been sown in 2.47 lakh hectares (6.12 lakh acres) as on 08<sup>th</sup> September 2021 which is higher than 0.88 lakh hectares (2.17 lakh acres) covered during corresponding period of last year. The major growing districts are Mahabubnagar 30578 ha (75561 acres), Rangareddy 28901 ha (71418 acres), Kamareddy 25350 (62642 acres), Vikarabad 24366 ha (60210 acres), Mahabubabad 17832 ha (44065 acres), Siddipet 17662 ha (43646 acres), Nagarkurnool 16239 ha (40129 acres), Warangal Rural 14104 ha (34852 acres) and Jagityal 13627 ha (33675 acres).

Maize on CBOT fell by US\$ 9.45 per MT to US\$ 210.23 per MT for September, 2021 contract compared to the previous month. However, it expects that Maize crop condition related concerns in U.S. and Brazil, would support CBOT Maize.

It is expected that maize would trade in a range bound zone with a firm bias for coming term. Reduced or no arrivals accompanied with no near future arrivals of any new maize crop in coming month will provide support to maize market. Spoilage of maize crop in U.P., M.P. and Rajasthan due to uneven rainfall and floods in some parts of these states is increasing the value of maize crop in market, as there are chances of reduced production of maize in current scenario.

Maize in Nizamabad market is being traded at Rs. 1,850 per quintal, with little to no arrivals in the APMC. Maize in Devangere, Karnataka is being traded at Rs. 1,950 per quintal. Feed maize is being supplied to Tamil Nadu between Rs. 2,150 - 2,200 per quintal, sourced from Devangere. Good quality maize is being traded in Bihar at Rs. 1,850 per quintal. Maize sourced from West Bengal is being supplied to Southern parts of India at Rs. 2,000 per quintal. At present local demand for maize in Northern India is sluggish.

### **Maize Price Outlook**

In Karnataka, maize is likely to trade range bound with a slightly firm bias. Also, decreased and very little arrival in major markets will continue to support the maize market. It expects that maize in Devangere would trade in a range of Rs.1, 800-2,500 per quintal (loose price) during the month of September 2021.

In Gulabgh region of Bihar, in the month of August maize traded steady with a strong bias between Rs.1,850-Rs.1,875 per quintal (Bilty Price). Maize in Gulabgh would trade range bound in the range of Rs.1,800-Rs.2,500 with a slightly steady bias in near term and strong bias by the end of the month on the expectation of low production and lower ending stocks as compared to expected.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1700 - 1900** quintal during the month of September, 2021.