

Maize Outlook – July 2021

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. As per USDA, U.S. Maize exports have reached 57.39 MMT in the 2020-21 marketing year. At 1.13 MMT (for the period June 17-24, 2021), U.S. Maize exports were down by 33 percent from the previous week and 36 percent from the prior 4-week average; mainly for the destinations like China (3,35,000MT), Mexico (2,52,500MT), Japan (3,34,700MT), Honduras (49,600 MT) and South Korea (31,600 MT). It expects that weather 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	297.5	266.6
Production	1125.6	1130.6	1201.3
Imports	174.5	189.1	181
Total Availability	1452	1428.1	1467.9
Food	129.5	130.6	132.7
Feed	692	690.4	717.6
Industrial	293.4	302	307.8
Others	39.6	38.6	42.9
Total Consumption	1154.5	1161.5	1201
Exports	174.5	189.1	181
Ending Stocks	297.5	266.6	267

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	2.98
Domestic Consumption	23.43	22.62	22.52
Total Demand	24.01	23.73	25.5
Ending Stock	6.42	11.8	10.83
Monthly Use	2	1.98	2.1
Stock to Use Ratio	5.92%	14.38%	9.60%

Source: www.agriwatch.com

Table 3: State wise area under maize in India

State	2019-20			2020-21		
	Lakh ha	Lakh acres	% to total area	Lakh ha	Lakh acres	% to total area
Bihar	5.05	12.48	28.89	5.27	13.02	31.13
Maharashtra	2.27	5.61	12.99	2.72	6.72	16.07
Tamil Nadu	1.64	4.05	9.38	1.57	3.88	9.27
West Bengal	1.45	3.58	8.30	1.52	3.76	8.98
Andhra Pradesh	1.67	4.13	9.55	1.28	3.16	7.56
Telangana	1.38	3.41	7.89	1.07	2.64	6.32
Gujarat	1.32	3.26	7.55	0.97	2.40	5.73
Others	2.70	6.67	15.45	2.53	6.25	14.94
India	17.48	43.19	100.00	16.93	41.83	100.00

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

In India, rabi maize has been sown in around 16.93 lakh hectares (41.83 lakh acres) as on 29th January 2021 which is lower than 17.48 lakh hectares (43.19 lakh acres) covered during corresponding period of last year. Major maize growing states are Bihar 5.27 lakh ha (13.02 lakh acres), Maharashtra 2.27 lakh ha (6.72 lakh acres), Tamil Nadu 1.57 lakh ha (3.88 lakh acres), Gujarat 0.97 lakh ha (2.40 lakh acres), West Bengal 1.52 lakh ha (3.76 lakh acres) and Telangana 1.07 lakh ha (2.64 lakh acres).

Table 4: State wise Wholesale Prices Monthly Analysis for Maize June, 2021

State	Prices June, 2021	Prices May, 2021	Prices June, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1417.54	1340.52	1480.06	5.75	-4.22
Chhattisgarh	1381.81	1367.4	1177.67	1.05	17.33
Gujarat	1756.02	2060.79	1807.95	-14.79	-2.87
Haryana	1432.09	1380	1175.79	3.77	21.8
Jharkhand	1700	1707.04	1807.03	-0.41	-5.92
Karnataka	1656.09	1520.66	1371.84	8.91	20.72
Madhya Pradesh	1500.1	1460.99	1131.28	2.68	32.6
Maharashtra	1624.03	1471.66	1263.44	10.35	28.54
Odisha	1341.14	1318.12	1323.14	1.75	1.36
Punjab	1336.13	1774.89	1080.24	-24.72	23.69
Rajasthan	1630.23	1573.54	1519.82	3.6	7.26
Tamil Nadu	1790.01	1693.06	1445.59	5.73	23.83
Telangana	1700		1518.17	—	—
Uttar Pradesh	1529.02	1545.34	1330.76	-1.06	14.9
Average	1588.26	1554.92	1388.06		

Source: <https://agmarknet.gov.in>

Table 5: District wise area under maize in Telangana State

Districts	2019-20			2020-21		
	Ha	Acres	% to total area	Ha	Acres	% to total area
Kamareddy	6828.7	16874.0	31.3	18576.7	45904.0	20.01
Siddipet	1326.6	3278.0	6.1	12611.2	31163.0	13.58
Vikarabad	688.0	1700.0	3.2	9641.2	23824.0	10.38
Mahabubnagar	144.9	358.0	0.7	8604.8	21263.0	9.27
Nizamabad	5252.4	12979.0	24.1	8332.1	20589.0	8.97
Rangareddy	1706.6	4217.0	7.8	6733.6	16639.0	7.25
Warangal rural	220.1	544.0	1.0	6437.3	15907.0	6.93
Jagityal	2090.6	5166.0	9.6	4100.3	10132.0	4.42
Nagarkurnool	1214.1	3000.0	5.6	883.0	2182.0	0.95
Others	2327.8	5752.0	10.7	16925.2	41823.0	18.23
TELANGANA	21799.6	53868.0	100.0	92845.6	229426.0	100.00

Source: www.agri.telangana.gov.in

During current vanakalam (kharif) 2021-22 in Telangana, it has been sown in 0.92 lakh hectares (2.29 lakh acres) as on 07th July 2021 which is higher than 0.21 lakh hectares (0.53 lakh acres) covered during corresponding period of last year. The major growing districts are Kamareddy 18576 (45904 acres), Siddipet 12611 ha (31163 acres), Vikarabad 9641ha (23824 acres), Mahabubnagar 8604 ha (21263 acres), Nizamabad 8332 ha (20589 acres), Rangareddy 6733 ha (16639 acres), Warangal Rural 6437 ha (15907 acres), Jagityal 4100 ha (10132 acres) and Nagarkurnool 883 ha (2182 acres).

Corn on CBOT rose by US\$ 14.86 per MT to US\$ 258.55 per MT for July, 2021 contract compared to the previous month due to concerns related to poor condition of Corn crop and comparatively less area covered under Corn planting in U.S. It expects that Corn crop condition related concerns in U.S. and Brazil, would support CBOT Corn.

Sources revealed that good quality Maize, being traded in Bihar at Rs.1,800 per quintal is being exported to Bangladesh sourced from Gulabghat and Purnia, Bihar. Maize in Bihar, markets is being traded between Rs.1,600-Rs.1,800 per quintal, depending on the quality of Maize. Maize in Nizamabad market is being traded at Rs.1,700 per quintal, with little to no arrival in the market.

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

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	621	1,083	1,569	1,509
7	566	1,351	1,584	1,475
8	368	1,255	1,601	1,587
14	110	1,411	1,611	1,591
15	170	1,019	1,622	1,612
17	60	1,592	1,592	1,592
18	152	1,489	1,716	1,716
21	134	1,555	1,689	1,659
22	68	1,649	1,806	1,680
23	63	1,001	1,859	1,689
24	71	1,551	1,826	1,826
25	39	1,475	1,850	1,850
28	41	1,403	1,851	1,689
29	21	1,609	1,858	1,858
30	23	1,609	1,712	1,709

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

Maize Price Outlook

In Karnataka, maize is likely to trade range bound with a slightly weak bias in near term and strong bias by end of the month on the expectation of decreased domestic demand and export demand in the initial days of July month. However, 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. 1450-1780 per quintal (loose price) during the month of July '21 and in Gulabgh region of Bihar would trade steady to likely to trade range bound in the Range of Rs.1450 - Rs.1800.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize may trade in price range of **Rs. 1550 - 1800** quintal during the month of July, 2021.