

Maize Outlook – July 2022

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. U.S. Maize exports have reached at 51.47 million metric tonnes (MMT) for 2021-22 Marketing Year, with the exports of 1.25 MMT for the period of 17th June 2022 – 23rd June 2022, these exports were up by 9 percent from previous week but down by 9 percent from prior 4-week average, to the destinations Japan (425,900 MT), Mexico (296,300 MT), China (207,700 MT), South Korea (69,800 MT), and Guatemala (66,800 MT).

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

	2020/21 (Estimated)	2021/22 (Forecast)	2022/23 (Projected)
Opening Stocks	298	278.7	285.2
Production	1136	1218.6	1189.8
Imports	188.1	175.3	168.3
Total Availability	1433.9	1497.2	1475
Food	136.4	137.4	134.6
Feed	678.7	718.2	713.4
Industrial	298	308.7	309.5
Others	42.2	47.7	46.1
Total Consumption	1155.3	1212	1203.6
Exports	188.1	175.3	168.3
Ending Stocks	278.7	285.2	271.4

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	17.48
Production	28.77	31.65	24.63
Imports	0.34	0.02	0.15
Total Supply	35.53	43.47	42.26
Export	1.11	3.47	2.35
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	25.1
Ending Stock	11.8	17.48	17.16
Monthly Use	1.98	2.17	2.09
Stock to Use Ratio	14.38%	8.96%	7.98%

Source: www.agriwatch.com

In India, Vanakalam (kharif) maize has been sown in around 26.0 lakh hectares (64.25 lakh acres) as on 08th July 2022 which is lower than 32.73 lakh hectares (80.88 lakh acres) covered during corresponding period of last year. Major maize growing states are Karnataka 8.85 lakh ha (21.88 lakh acres), Madhya Pradesh 6.13 lakh ha (15.15 lakh acres), Maharashtra 3.93 lakh ha (9.71 lakh acres), Himachal Pradesh 2.79 lakh ha (6.89 lakh acres), Jammu Kashmir 1.84

lakh ha (4.54 lakh acres), Telangana 0.66 lakh ha (1.63 lakh acres), Arunachal Pradesh 0.41 lakh ha (1.01 lakh acres) and Bihar 0.35 lakh ha (0.86 lakh acres).

Table 3: State wise area under maize in India

State	2021-22			2022-23		
	Lakh ha	Lakh acres	% to total area	Lakh ha	Lakh acres	% to total area
Karnataka	9.10	22.49	27.80	8.85	21.88	34.05
Madhya Pradesh	9.44	23.33	28.84	6.13	15.15	23.58
Maharashtra	3.90	9.64	11.92	3.93	9.71	15.12
Himachal Pradesh	2.65	6.55	8.10	2.79	6.89	10.73
Jammu Kashmir	1.95	4.82	5.96	1.84	4.54	7.07
Telangana	0.86	2.13	2.63	0.66	1.63	2.54
Arunachal Pradesh	0.35	0.86	1.07	0.41	1.01	1.58
Chhattisgarh	2.05	5.07	6.26	0.41	1.01	1.58
Bihar	1.77	4.37	5.41	0.35	0.86	1.35
others	0.66	1.63	2.02	0.63	1.55	2.42
All India	32.73	80.88	100.00	26.00	64.25	100.00

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

Table 4: District wise area under maize in Telangana State

Districts	2021-22			2022-23		
	Ha	Acres	% to total area	Ha	Acres	% to total area
Kamareddy	18577	45904	22	14059	34741	22
Nizamabad	8330	20584	10	7404	18296	11
Vikarabad	9641	23824	11	5878	14526	9
Rangareddy	6734	16639	8	4871	12036	7
Jagtial	4100	10132	5	4579	11316	7
Mahabubabad	3059	7560	4	4353	10756	7
Sangareddy	4880	12059	6	4020	9934	6
Siddipet	4348	10745	5	3984	9845	6
Mahabubnagar	8605	21263	10	3827	9457	6
Nirmal	49	120	0	3008	7434	5
Others	16150	39907	19	9219	22781	14
TELANGANA	84473	208737	100	65204	161122	100

Source: www.agritelangana.gov.in

In Telangana, Vanakalam (kharif) maize has been sown in 0.65 lakh hectares (1.61 lakh acres) as on 6th July 2022 which is lower than 0.84 lakh hectares (2.08 lakh acres) covered during corresponding period of last year. The major growing districts are Kamareddy 14059 ha (34741 acres), Nizamabad 7404 ha (18296 acres), Vikarabad 5878 ha (14526 acres), Rangareddy 4871 ha (12036 acres), Jagtial 4579 ha (11316 acres), and Mahabubabad 4353 ha (10756 acres).

Table 5: State wise Wholesale Prices Monthly Analysis for Maize June, 2022

State	Prices June, 2022	Prices May, 2022	Prices June, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1904.92	1865.36	1417.54	2.12	34.38
Bihar	2153.78	2112.3		1.96	—
Chhattisgarh	1922.16	1795.9	1383.1	7.03	38.97
Gujarat	2276.89	2250.58	1758.82	1.17	29.46
Haryana	1855.65	2212.3	1434.97	-16.12	29.32
Jharkhand			1700	—	—
Karnataka	2180.31	2185.68	1657.15	-0.25	31.57
Madhya Pradesh	2026.57	2053.3	1510.2	-1.3	34.19
Maharashtra	2145.54	2115.25	1631.38	1.43	31.52
Nagaland	5700		2000	—	185
NCT of Delhi	2123.82	2331.72		-8.92	—
Odisha	1752.31	1897.39	1341.85	-7.65	30.59
Punjab	1502.85		1342.18	—	11.97
Rajasthan	2041.09	2181.31	1628.76	-6.43	25.32
Tamil Nadu	2241.93	2085.33	1792.89	7.51	25.05
Telangana	2032.8	2043.25	1700	-0.51	19.58
Uttar Pradesh	1995.93	1971.05	1530.17	1.26	30.44
Uttrakhand	2020	1900		6.32	—
Average	2228.03	2066.71	1588.6		

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

Corn on CBOT fell by 3.84 USD to 292.80 USD per MT for July'22 contract, as compared to previous month, as a result of increase in the world production and ending stocks estimates by USDA in its June'22 monthly report. Also, is related to tight global supply related concerns on the account of cooling weather progress in U.S and rapid harvest of second crop of Brazilian Corn, has created a pressure on Corn on CBOT. However, it expects that for upcoming term Corn on CBOT would not suffer any further dip due to further overall tight global Corn supply during upcoming season.

June-22 started with Maize trading in domestic market at prices trading weak as compared to that of prevailing during May-22 on the account of sluggish domestic and export demand from feed as well as starch industry. However, during second half of the month with good export demand and emergence of fair domestic demand from feed industry catalyzed by reducing arrivals, prices took a firm route. When compared to May-22 average spot prices for Maize at major spot markets displayed a mixed trend. However, Maize market displayed a firm sentiment

during June-22 as compared to that of Jun-21, on the account of prevailing tight-supply demand scenario in the domestic market.

Table 6: Maize arrivals and prices in Kesamudram Market for the Month of June 2022

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	1,025	1,800	2,188	2,069
3	1,120	1,967	2,196	2,181
6	565	1,619	2,195	2,149
7	450	1,809	2,195	2,105
8	61	1,759	2,125	2,119
9	406	2,015	2,225	2,179
10	64	1,359	2,226	2,222
13	247	1,859	2,232	2,059
14	118	1,905	2,159	2,125
15	136	2,089	2,255	2,255
16	28	2,269	2,281	2,281
17	526	1,711	2,322	2,215
20	44	1,818	2,255	2,253
21	35	2,015	2,222	2,115
22	99	2,200	2,280	2,280
23	25	2,105	2,288	2,266
24	2	2,300	2,300	2,300
27	91	1,559	2,448	2,438
28	47	2,069	2,420	2,275

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

Maize Price Outlook

For the June-22 a decent to slightly weak demand of Maize was observed in domestic industry as well as from the side of the exporters, due to disparity in terms of inter - state delivery of Maize. As per trade sources, the demand from feed industry and starch industry reportedly improved during the past week.

As per the sources, Hyderabad feed makers are buying Maize from Nizamabad at the delivery rate of Rs. 2,650 per quintal. As the Rabi Maize supply is about to end and the flow of supplies have reduced in Bihar markets, the previously stocked is being released in the Southern markets of the country. From Gulabgh, Bihar Maize for poultry purpose was being supplied to Siliguri and Kolkata at the delivery rate between Rs. 2,350 per quintal to Rs. 2,450 per quintal.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1900 - 2160** quintal during the month of July, 2022.