

Maize Outlook – August 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 55.39 million metric tonne (MMT) for 2021-22 Marketing Year, with the exports of 0.86 MMT for the period of 15th July 2022 – 21st July 2022, these exports were down by 22 percent from previous week and 19 percent from prior 4-week average, to the destinations Mexico (396,000 MT), China (208,000 MT), Japan (72,300 MT), Guatemala (65,400 MT), and Colombia (47,500 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	284.7
Production	1136	1220.3	1188.6
Imports	188.1	177.7	169.3
Total Availability	1433.9	1499	1473.3
Food	136.4	137.4	134.4
Feed	678.7	720.2	712
Industrial	298	308.7	309.5
Others	42.2	48	46
Total Consumption	1155.3	1214.3	1202
Exports	188.1	177.7	169.3
Ending Stocks	278.7	284.7	271.3

Source: <https://www.igc.int/en/markets/marketinfo-sd.aspx>

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	2.36
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	25.1
Ending Stock	11.8	17.48	17.15
Monthly Use	1.98	2.17	2.09
Stock to Use Ratio	14.38%	8.96%	7.94%

Source: www.agriwatch.com

In India, Vanakalam (kharif) maize has been sown in around 75.74 lakh hectares (187.16 lakh acres) as on 05th August 2022 which is lower than 76.33 lakh hectares (188.62 lakh acres) covered during corresponding period of last year. Major maize growing states are Madhya Pradesh 15.6 lakh ha (38.55 lakh acres), Karnataka 13.18 lakh ha (32.57 lakh acres), Maharashtra

8.33 lakh ha (20.59 lakh acres), Rajasthan 9.39 lakh ha (23.21 lakh acres), Uttar Pradesh 6.70 lakh ha (16.55 lakh acres), Himachal Pradesh 2.79 lakh ha (6.89 lakh acres), Bihar 2.64 lakh ha (6.52 lakh acres), Telangana 1.70 lakh ha (4.20 lakh acres) and Gujarat 2.82 lakh ha (6.97 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
Madhya Pradesh	15.58	38.50	20.41	15.60	38.55	20.60
Karnataka	12.54	30.99	16.43	13.18	32.57	17.40
Rajasthan	8.13	20.09	10.65	9.39	23.21	12.40
Maharashtra	8.14	20.11	10.66	8.33	20.59	11.00
Uttar Pradesh	7.30	18.04	9.56	6.70	16.55	8.84
Gujarat	2.87	7.10	3.77	2.82	6.97	3.72
Himachal Pradesh	2.65	6.55	3.47	2.79	6.89	3.68
Bihar	3.40	8.40	4.45	2.64	6.52	3.49
Telangana.	2.33	5.76	3.05	1.70	4.20	2.24
others	13.39	33.08	17.54	12.59	31.11	16.62
All India	76.33	188.62	100.00	75.74	187.16	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	25350	62642	10.87	32221	79619	18.90
Rangareddy	27124	67025	11.63	25339	62614	14.87
Vikarabad	23885	59020	10.24	22444	55461	13.17
Mahabubabad	17833	44065	7.65	13804	34110	8.10
Mahabubnagar	30414	75154	13.05	12893	31860	7.56
Nizamabad	10189	25177	4.37	11281	27876	6.62
Siddipet	17612	43519	7.55	9636	23810	5.65
Jagtial	11773	29092	5.05	8328	20578	4.89
Nagarkurnool	12269	30318	5.26	8249	20384	4.84
Sangareddy	8107	20033	3.48	5559	13737	3.26
Others	48587	120061	20.84	20684	51111	12.14
Telangana	233142	576106	100	170438	421160	100

Source: www.agri.telangana.gov.in

During Vanakalam (kharif) in Telangana, it has been sown in 1.70 lakh hectares (4.21 lakh acres) as on 03rd August 2022 which is Lower than 2.33 lakh hectares (5.76 lakh acres) covered during corresponding period of last year. The major growing districts are Kamareddy 32221 ha (79619 acres), Rangareddy 25339 ha (62614 acres), Vikarabad 22444 ha (55461 acres),

Mahabubabad 13804 ha (34110 acres), Mahabubnagar 12893 ha (31860 acres), Nizamabad 11281 ha (27876 acres) and Siddipet 9636 ha (23810 acres).

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

State	Prices July, 2022	Prices June, 2022	Prices July, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1910.23	1904.91	1524.9	0.28	25.27
Bihar	2143.3	2153.47		-0.47	—
Chhattisgarh	1691.09	1923.68	1425.09	-12.09	18.67
Gujarat	2313.16	2280.74	1918.38	1.42	20.58
Haryana	1956.14	1856.13	1524.01	5.39	28.35
Karnataka	2250.62	2179.37	1846.48	3.27	21.89
Madhya Pradesh	2095.86	2031.7	1645.15	3.16	27.4
Maharashtra	2405.86	2149.05	1825.83	11.95	31.77
Nagaland	3400	5641.94	2500	-39.74	36
NCT of Delhi	2233.02	2123.82		5.14	—
Odisha	1646.8	1752.31	1417.31	-6.02	16.19
Pondicherry	2029			—	—
Punjab	1761.96	1599.09	1499.89	10.19	17.47
Rajasthan	2057.8	2041.11	1626.33	0.82	26.53
Tamil Nadu	2405.17	2244.94	1883.74	7.14	27.68
Telangana	1975.83	2036.52	1667.66	-2.98	18.48
Uttar Pradesh	1978.17	1995.81	1569.69	-0.88	26.02
Average	2132.59	2230.73	1704.96		

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

Corn on CBOT fell by 4.92 USD to 242.61 USD per MT for Sep'22 contract, as compared to previous month, as the result of increase in the world production and ending stocks estimates by USDA in its July 2022 monthly report. Also, it is related to tight global supply 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 is expected that for upcoming term Corn on CBOT would not suffer any further dip due to further overall tight global Corn supply during upcoming season.

July-2022 started with Maize trading in domestic market at firm prices as compared to that of prevailing during June-2022 on the account of strong domestic and export demand from feed as well as starch industry. When compared to June-2022 average spot prices for Maize at major spot markets displayed a firm trend. At benchmark market Gulabghat for Rabi Maize, average monthly prices were registered 4% up as compared to that of previous month this year. Highest price in Gulabghat was registered at Rs. 2,300 per quintal (Bilty Maize).

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

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	4	1,859	2,109	2,109
4	3	2,201	2,201	2,201
5	44	1,709	2,485	2,305
6	61	2,059	2,489	2,489
7	202	1,905	2,475	2,475
8	141	2,255	2,483	2,483
14	41	2,385	2,485	2,485
15	7	2,109	2,380	2,380
18	307	2,200	2,451	2,451
19	199	2,219	2,466	2,441
20	106	1,809	2,412	2,345
21	8	2,221	2,221	2,221
22	62	1,516	2,366	2,139
26	44	1,855	2,411	2,411
27	24	2,425	2,425	2,425

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

Maize Price Outlook

It is expected that Maize would trade steady to range bound in a narrow zone in near term, and may attain firm bias later for August 2022. Also, continuous ongoing buying in markets along with reduced or no arrivals accompanied with no near future arrivals of any new Maize crop in coming months will provide support to Maize market.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1910 - 2180** quintal during the month of August, 2022.