

Maize Outlook – June 2022

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. U.S. Maize exports have reached 44.72 million metric tonnes (MMT) for 2021-22 Marketing Year with the export of 1.82 MMT for the period of 13th May 2022 – 19th May 2022. These exports were up by 34 percent from the previous week and up by 15 percent for prior 4-week average, to the destinations China (793,000 MT), Japan (352,200 MT), Mexico (308,500 MT), Canada (75,500 MT), and South Korea (63,300 MT).

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	298	278.9
Production	1127.8	1131.5	1213.8
Imports	175.1	188.1	174.2
Total Availability	1454.2	1429.4	1492.7
Food	131.1	132	134.5
Feed	692.4	678.6	714.6
Industrial	293.4	298	308.6
Others	39.4	41.9	49.8
Total Consumption	1156.2	1150.6	1207.5
Exports	175.1	188.1	174.2
Ending Stocks	298	278.9	285.2

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	2.18
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	24.93
Ending Stock	11.8	17.48	17.33
Monthly Use	1.98	2.17	2.08
Stock to Use Ratio	14.38%	8.96%	10.73%

Source: www.agriwatch.com

In India, rabi maize has been sown in around 19.31 lakh hectares (47.72 lakh acres) as on 04th February 2022 which is higher than 17.51 lakh hectares (43.27 lakh acres) covered during corresponding period of last year. Major maize growing states are Bihar 5.96 lakh ha (14.73 lakh acres), Maharashtra 3.37 lakh ha (8.33 lakh acres), Telangana 1.92 lakh ha (4.74 lakh acres), Tamil Nadu 1.91 lakh ha (4.72 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
Bihar	5.27	13.02	30.10	5.96	14.73	30.86
Maharashtra	2.72	6.72	15.53	3.37	8.33	17.45
Andhra Pradesh	1.53	3.78	8.74	1.95	4.82	10.10
Telangana	1.79	4.42	10.22	1.92	4.74	9.94
Tamil Nadu	1.57	3.88	8.97	1.91	4.72	9.89
Others	4.63	11.44	26.44	4.20	10.38	21.75
CENTRAL LEVEL	17.51	43.27	100.00	19.31	47.72	100.00

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

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
Warangal (Rural)	43899	108477	23.74	33508	82801	15.44
Khammam	32504	80318	17.58	32646	80669	15.04
Nirmal	19159	47343	10.36	30084	74339	13.86
Hanmakonda	12621	31187	6.82	22221	54908	10.24
Kamareddy	7388	18255	3.99	14280	35287	6.58
Mahabubabad	13975	34533	7.56	11682	28866	5.38
Karimnagar	9151	22613	4.95	9521	23527	4.39
Siddipet	3712	9172	2.01	6331	15643	2.92
Nizamabad	2135	5276	1.15	5133	12685	2.36
Others	40382	99785	21.84	51688	127724	23.81
TELANGANA	184925	456959	100.00	217094	536449.00	100.00

Source: www.agritelangana.gov.in

During yasangi (rabi) in Telangana, it has been sown in 2.17 lakh hectares (5.36 lakh acres) as on 16th March 2022 which is higher than 1.84 lakh hectares (4.56 lakh acres) covered during corresponding period of last year. The major growing districts are Warangal Rural 35508 ha (82801 acres), Khammam 32646 ha (80669 acres), Nirmal 30084 ha (74339 acres), Kamareddy 14280 ha (35287 acres), Nizamabad 5133 ha (12685 acres), and Mahabubabad 11682 ha (28866 acres).

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

State	Prices May, 2022	Prices April, 2022	Prices May, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1862.45	2071.27	1340.52	-10.08	38.93
Bihar	2127.45	2025		5.06	—
Chhattisgarh	1794.63	1655.48	1367.4	8.41	31.24
Gujarat	2251.05	2297.37	2060.79	-2.02	9.23
Haryana	2213.3		1380	—	60.38
Karnataka	2185.19	2225.68	1516.74	-1.82	44.07
Madhya Pradesh	2052.92	2076.42	1460.99	-1.13	40.52
Maharashtra	2123.71	2166.27	1471.66	-1.96	44.31
Manipur		2800		—	—
NCT of Delhi	2331.72			—	—
Odisha	1897.39	1679.32	1318.12	12.99	43.95
Punjab		2027.45	1774.89	—	—
Rajasthan	2181.42	2175.4	1573.54	0.28	38.63
Tamil Nadu	2082.83	2125.41	1693.06	-2	23.02
Telangana	2044.57	2001.4		2.16	—
Uttar Pradesh	1971.22	1903.04	1545.34	3.58	27.56
Uttarakhand	1900	2216		-14.26	—
Average	2067.99	2096.37	1554.62		

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

Corn on CBOT fell by 23.62 USD to 296.64 USD per MT for July'22 contract, as compared to previous month, as a result of spill-over effect from the fall in Wheat prices and also after Ukraine resuming its Corn exports through Romania and Belarus ports. In near future it is expected that due to speculations related possible improved supply along with strong international feed demand it is expected that Corn on CBOT would trade range bound to weak.

May 2022 started with Maize trading in domestic market at fairly high prices on the account of strong export demand alongside the decent domestic demand from feed as well as starch industry. By the midmonth, Maize prices started to fall down on the account of the phenomena of fear-psychosis following wheat export ban. After this the joint plea presented by Poultry feed association and starch association to ban/limit Maize exports, demand decreased further and prices of Maize fell by a noticeable margin.

Table 6: Maize arrivals and prices in Badepally Market for the Month of May 2022

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
2	1,450	1,550	2,200	2,100
5	1,696	1,421	2,045	1,971
6	1,334	1,501	2,032	1,814
7	944	1,491	2,031	1,810
9	745	1,609	2,077	2,077
10	479	1,229	2,093	2,081
12	1,049	1,537	2,121	2,021
13	482	1,629	2,189	2,169
14	444	1,611	2,201	2,187
16	1,294	1,701	2,239	2,219
17	1,375	1,511	2,250	2,111
18	802	1,401	2,161	1,951
19	782	1,489	2,159	2,129
20	995	1,471	2,180	2,171
21	784	1,751	2,177	2,067
23	1,031	1,721	2,187	2,171
24	1,310	1,629	2,191	2,071
25	952	1,749	2,200	2,031
26	425	1,200	2,001	2,066
27	791	1,759	2,218	2,212
28	722	1,729	2,240	2,209
31	1607	1901	2236	2111

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

Maize Price Outlook

Maize sourced from Bihar and West Bengal is being supplied to Bangladesh at the delivery rate of Rs. 2,600 per quintal. Also, Bihar is supplying Maize to Kolkata and Siliguri at the rate of Rs. 2,450 per quintal. Maize sourced from Devangere, Karnataka is being delivered for feed purpose to Tamil Nadu and Maharashtra at the rate of Rs. 2,500 to Rs. 2,550 per quintal and Rs. 2,400 to Rs. 2,450 per quintal respectively.

The MSP of maize is increased by Rs. 92 from Rs. 1870 to Rs. 1962 per quintal for the year 2022-23.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1870 - 2150** quintal during the month of June, 2022.