

Maize Outlook – September 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 57.74 million metric tonnes (MMT) for 2021-22 Marketing Year, with the exports of 0.62 MMT for the period of 8th Aug 2022 – 11th Aug 2022, these exports were down by 12 percent from previous week and down by 33 percent from prior 4-week average, to the destinations China (273,500 MT), Mexico (271,300 MT), Trinidad and Tobago (25,100 MT, including 200 MT - Late), Panama (24,200 MT), and Honduras (14,700 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	282.8
Production	1136.1	1219.5	1178.6
Imports	188.1	179.1	173.3
Total Availability	1434	1498.1	1461.4
Food	136.4	137.4	134.5
Feed	678.8	720.7	705
Industrial	298	309.1	310.5
Others	42.2	48.2	46.7
Total Consumption	1155.4	1215.4	1196.8
Exports	188.1	179.1	173.3
Ending Stocks	278.7	282.8	264.7

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	2.36
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 81.52 lakh hectares (201.43 lakh acres) as on 02nd September 2022 which is higher than 80.36 lakh hectares (198.57 lakh acres) covered during corresponding period of last year. Major maize growing states are Madhya Pradesh 16.14 lakh ha (39.88 lakh acres), Karnataka 14.12 lakh ha (34.90 lakh acres),

Maharashtra 8.76 lakh ha (21.67 lakh acres), Rajasthan 9.44 lakh ha (23.33 lakh acres), Uttar Pradesh 7.52 lakh ha (18.59 lakh acres), Himachal Pradesh 2.79 lakh ha (6.89 lakh acres), Bihar 3.32 lakh ha (8.20 lakh acres), Telangana 2.135 lakh ha (5.28 lakh acres) and Gujarat 2.87 lakh ha (7.11 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	15.13	37.39	18.83	16.14	39.88	19.80
Karnataka	13.83	34.17	17.21	14.124	34.90	17.33
Rajasthan	8.39	20.72	10.44	9.442	23.33	11.58
Maharashtra	8.60	21.24	10.70	8.768	21.67	10.76
Uttar Pradesh	7.69	18.99	9.56	7.525	18.59	9.23
Bihar	3.74	9.24	4.65	3.32	8.20	4.07
Gujarat	2.93	7.24	3.64	2.878	7.11	3.53
Himachal Pradesh	2.65	6.55	3.30	2.79	6.89	3.42
Odisha	2.41	5.95	3.00	2.506	6.19	3.07
Telangana	2.47	6.10	3.07	2.48	6.13	3.04
others	15.01	37.08	18.67	14.02	34.65	17.20
All India	80.36	198.57	100.00	81.52	201.43	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	10.24	36640	90540	14.72
Rangareddy	28902	71418	11.68	29616	73182	11.90
Bhadradri Kotthagudem	12385	30605	5.00	27584	68162	11.08
Vikarabad	24366	60210	9.84	23294	57561	9.36
Mahabubabad	17833	44065	7.20	21885	54080	8.79
Jagtial	13628	33675	5.51	18369	45390	7.38
Mahabubnagar	30270	74799	12.23	14888	36789	5.98
Nizamabad	10816	26727	4.37	13061	32275	5.25
Nagarkurnool	16240	40129	6.56	12919	31924	5.19
Siddipet	17663	43646	7.14	12873	31810	5.17
Others	50073	123733	20.23	37743	93265	15.17
Telangana	247526	611649	100	248873	614978	100

Source: www.agritelangana.gov.in

During vanakalam (kharif) in Telangana, it has been sown in 2.48 lakh hectares (6.15 lakh acres) as on 07th September 2022 which is slightly higher than 2.47 lakh hectares (6.11 lakh acres) covered during corresponding period of last year. The major growing districts are Kamareddy

36640 ha (90540 acres), Rangareddy 29616 ha (73182 acres), Vikarabad 23294 ha (57561 acres), Mahabubabad 21885 ha (54080 acres), Mahabubnagar 14888 ha (36789 acres), Nizamabad 13061 ha (32275 acres) and Siddipet 12873 ha (31810 acres).

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

State	Prices August, 2022	Prices July, 2022	Prices August, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1850	1910.19	1386.8	-3.15	33.4
Bihar		2140.11		—	—
Chhattisgarh	1749.31	1679.9	1481.09	4.13	18.11
Gujarat	2406.04	2313.18	1951.05	4.01	23.32
Haryana	2256.09	1972.31	1650	14.39	36.73
Karnataka	2339.47	2246.66	1884.73	4.13	24.13
Madhya Pradesh	2101.49	2045.75	1630.06	2.72	28.92
Maharashtra	2434.41	2403.61	1954.99	1.28	24.52
Nagaland	5321.13	3400	3100	56.5	71.65
NCT of Delhi	2150.39	2241.27		-4.05	—
Odisha	1482.82	1651.01	1473.51	-10.19	0.63
Punjab	1806.37	1761.23	1619.64	2.56	11.53
Rajasthan	2128.02	2058.26	1769.72	3.39	20.25
Tamil Nadu	2445.82	2404.68	1469.82	1.71	66.4
Telangana	1944.14	1975.91	1825.02	-1.61	6.53
Uttar Pradesh	2102.93	1979.79	1660.22	6.22	26.67
Average	2301.23	2130.17	1775.48		

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

Corn on CBOT rose by 25.4 USD to 673.6 USD per MT for Sep'22 contract, as compared to previous month, as a result of increase in the world production and ending stocks estimates by USDA in its August '22 monthly report. Corn prices are rising as a result of financial market strong spill overs and growing concerns that the U.S. harvest will be lower than anticipated by the U.S. Agriculture Department. 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.

August-22 started with Maize trading in domestic market at prices steady to range bound to that of prevailing during July-22 on the account of decrease in flow of supplies in major spot markets. When compared to July-22 average spot prices for Maize at major spot markets displayed almost a firm trend. At benchmark market Gulabghat for Rabi Maize, average monthly prices were registered at Rs. 2571 which was 12% up as during July-22, Rabi Maize arrivals registered across various spot markets in the country saw a week-on-week consecutive decline in

the quantity, since Rabi harvesting was coming to an end with the time. In some of the bench mark markets like Devangere steady arrivals were noticed on week on week basis since farmers started bringing stocked Maize to the market.

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

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	79	1,819	2,389	2,389
4	18	2,089	2,169	2,169
5	9	2,191	2,191	2,191
11	1	2,011	2,011	2,011
16	2	2,251	2,251	2,251
17	7	2,509	2,509	2,509
18	4	2,005	2,056	2,056
24	49	1,801	2,509	2,506
29	12	2,316	2,316	2,316
30	14	2,111	2,259	2,259

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 October 22. 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. 1940 - 2200** quintal during the month of September, 2022.