

Maize Outlook – February 2022

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. U.S. Maize exports have reached to 136.67 MMT for the 2021-22 marketing year, with the exports of 9.21 MMT for the period of (17th Dec – 23rd Dec) 2021, exports were down by 16 percent from the previous week and 9 percentage from the prior 4-week average, to the destinations like Mexico (278,300 MT), China (277,000 MT), Japan (189,800 MT), Canada (64,000 MT), and Costa Rica (27,600 MT). It expects that dry weather related conditions in Brazil and Argentina could provide support to U.S corn exports

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	278.3
Production	1127.5	1129.2	1207.4
Imports	174.5	188.5	177.3
Total Availability	1453.9	1427.2	1485.6
Food	131	133.3	135.5
Feed	692	679.8	711.8
Industrial	293.4	298	307.6
Others	39.5	37.9	44
Total Consumption	1155.9	1148.9	1198.8
Exports	174.5	188.5	177.3
Ending Stocks	298	278.3	286.8

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	17.34
Production	28.77	31.51	24.37
Imports	0.34	0.02	0.15
Total Supply	35.53	43.33	41.86
Export	1.11	3.47	2.5
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	25.25
Ending Stock	11.8	17.34	16.61
Monthly Use	1.98	2.16	2.1
Stock to Use Ratio	14.38%	7.96%	4.85%

Source: www.agriwatch.com

In India, rabi maize has been sown in around 6.17 lakh hectares (15.25 lakh acres) as on 03rd December 2021 which is lower than 6.33 lakh hectares (15.64 lakh acres) covered during corresponding period of last year. Major maize growing states are Tamil Nadu 1.60 lakh ha (3.96 lakh acres), Maharashtra 1.21 lakh ha (2.99 lakh acres), Bihar 0.86 lakh ha (2.13 lakh acres), Telangana 0.82 lakh ha (2.03 lakh acres), Gujarat 0.50 lakh ha (1.24 lakh acres) and West Bengal 0.31 lakh ha (0.77 lakh acres) and.

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
Tamil Nadu	1.05	2.59	16.56	1.60	3.96	26.00
Maharashtra	1.08	2.67	17.09	1.21	2.99	19.58
Bihar	1.95	4.82	30.81	0.86	2.13	13.94
Telangana	0.45	1.11	7.11	0.82	2.03	13.29
Gujarat	0.48	1.18	7.55	0.50	1.24	8.12
West Bengal	0.38	0.94	6.00	0.31	0.77	5.02
Andhra Pradesh	0.27	0.67	4.27	0.22	0.54	3.57
Others	0.67	1.66	10.62	0.65	1.60	10.49
All India	6.33	15.64	100.00	6.17	15.25	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
Khammam	28967	71578	21.99	25444	62873	20.66
Nirmal	13982	34551	10.62	18269	45143	14.83
Warangal (Rural)	29400	72649	22.32	13830	34174	11.23
Hanmakonda	11941	29507	9.07	10173	25137	8.26
Kamareddy	5085	12566	3.86	8233	20343	6.69
Mehabubabad	7950	19645	6.04	6677	16500	5.42
Siddipet	2855	7056	2.17	5802	14337	4.71
Karimnagar	5199	12846	3.95	5602	13844	4.55
Nizamabad	813	2010	0.62	4924	12167	4.00
Others	25514	63046	19.37	24195	59788	19.65
TELANGANA	131707	325454	100.00	123148	304306.00	100.00

Source: www.agritelangana.gov.in

During yasangi (rabi) in Telangana, it has been sown in 1.23 lakh hectares (3.04 lakh acres) as on 02nd February 2022 which is lower than 1.31 lakh hectares (3.25 lakh acres) covered during corresponding period of last year. The major growing districts are Khammam 25444 ha (62873 acres), Nirmal 18269 ha (45143 acres), Kamareddy 8233 ha (20343 acres), Nizamabad 4924 ha (12167 acres), Warangal Rural 13830 ha (34174 acres) and Mahabubabad 6677 ha (16500 acres).

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

State	Prices January, 2022	Prices December, 2021	Prices January, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1667.54	1523.37	1248.82	9.46	33.53
Bihar	1973.32			—	—
Chhattisgarh	1571.57	1522.05	1234.91	3.25	27.26
Gujarat	1852.18	1775.89	1486.02	4.3	24.64
Karnataka	1732.32	1617.18	1308.36	7.12	32.4
Madhya Pradesh	1703.97	1535.23	1212.8	10.99	40.5
Maharashtra	1724.89	1587.95	1309.58	8.62	31.71
Manipur	3300			—	—
NCT of Delhi	1981.48			—	—
Odisha	1497.17	1619.64	1282.42	-7.56	16.75
Punjab		1926.5		—	—
Rajasthan	1847.28	1645.17	1373.75	12.29	34.47
Tamil Nadu	1771.58	1560.06	1335.77	13.56	32.63
Telangana	1846.41	1813.97	1368.97	1.79	34.88
Uttar Pradesh	1718.29	1717.72	1674.94	0.03	2.59
Uttrakhand	1894.87			—	—
Average	1872.19	1653.73	1378.03		

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

Maize cash markets traded firm during the month of January 2022 compared to previous month and corresponding period last year due to improvement in demand from the feed industry as well as improvement in the demand of exports and reduced availability of required quality material since seventy percent arrivals were already delivered in the market by the month of December 2021. For the month of February'22, it expects that Maize would trade with steady to firm sentiment as demand for good quality material seems to be improving as per the trend. Also, Rabi arrivals in current scenario seen to be delayed and arrivals would decrease during mid-February to March.

Good quality Maize with optimum moisture content was being traded in Bihar between Rs. 2,100 to Rs. 2,350 per quintal. Also, poultry demand seems to be strong. Maize sourced from Bihar was being supplied to Kolkata and Siliguri fulfill the demand of poultry industry at the rate of Rs. 2,250 per quintal. Also, average quality feed purpose maize is being exported to Bangladesh between Rs. 2,250 per quintal sourced from Bihar. Sources revealed that maize in Nizamabad market was being traded at Rs. 2,000 per quintal. Loose maize in market of Davangere, Karnataka was being traded at Rs. 2,000 per quintal. Stockiest demand seems to be active at approximate Rs. 2,050 per quintal of godown delivery rate in Davangere.

Table 6: Maize arrivals and prices in Kesamudram Market for the month of January 2022

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
3	476	1,429	1,812	1,803
4	208	1,426	1,810	1,809
5	343	1,721	1,809	1,809
6	285	1,777	1,808	1,790
7	120	1,750	1,806	1,802
8	143	1,710	1,809	1,809
10	246	1,610	1,810	1,804
11	31	1,800	1,811	1,811
17	4	1,754	1,754	1,754
19	14	1,710	1,710	1,710
21	62	1,777	1,881	1,881
22	24	1,679	1,879	1,879
24	1	1,841	1,841	1,841
25	23	1,470	1,810	1,470
27	33	1,833	1,887	1,867
29	10	1,899	1,899	1,899

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

Maize Price Outlook

In Karnataka, maize is likely to trade steady with a firm bias. Also, there is expectation of increase in demand from feed industry and exports and low availability of material in the markets. It expects that maize would trade in a range of Rs. 1,800 - 2,050 per quintal (loose price) during the month of February'22.

In Naugachia region of Bihar, Maize is being traded at Rs. 2,300 per quintal (Bilty Price). In Gulabghat also, it is being traded at Rs. 2,300 per quintal (Bilty Price). It is expected that maize would trade steady to firm in near term due to expected delayed rabi maize arrivals. It expects that maize in Gulabghat would trade in a range of Rs. 1,950-2,500 per quintal (Bilty Price) during the month of February'22.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of **Rs. 1720 - 1900** quintal during the month of February, 2022.