

Maize Outlook – January 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	1126.5	1125.9	1211.8
Imports	174.5	188.5	176.8
Total Availability	1452.9	1423.9	1490
Food	130.1	130.3	133.3
Feed	691.9	679.4	715.9
Industrial	293.4	298	308.6
Others	39.5	37.9	44.9
Total Consumption	1154.9	1145.6	1202.7
Exports	174.5	188.5	176.8
Ending Stocks	298	278.3	287.4

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	17.34
Production	28.77	24.51	23.95
Imports	0.34	0.02	0.15
Total Supply	35.53	36.33	41.44
Export	1.11	3.47	1.59
Domestic Consumption	22.62	22.52	22.75
Total Demand	23.73	25.99	24.34
Ending Stock	11.8	10.34	17.1
Monthly Use	1.98	2.16	2.03
Stock to Use Ratio	14.38%	7.96%	7.07%

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	10873	26867	24.39	17551	43370	21.38
Nirmal	13982	34551	31.37	16510	40798	20.12
Kamareddy	2086	5154	4.68	6995	17284	8.52
Nizamabad	537	1326	1.20	4806	11876	5.86
Warangal (Rural)	5068	12523	11.37	4558	11264	5.55
Mahabubabad	3436	8490	7.71	4536	11208	5.53
Badradri Kothagudem	1556	3845	3.49	3918	9681	4.77
Gadwal	972	2401	2.18	1777	4391	2.17
Others	6066	14990	13.61	21422	52935	26.10
Telangana	44575	110147	100.00	82073	202807.00	100.00

Source: www.agritelangana.gov.in

During Yasangi (rabi) in Telangana, it has been sown in 0.82 lakh hectares (2.03 lakh acres) as on 05th January 2022 which is higher than 0.45 lakh hectares (1.10 lakh acres) covered during corresponding period of last year. The major growing districts are Khammam 17551 ha (43370 acres), Nirmal 16510 ha (40798 acres), Kamareddy 6995 ha (17284 acres), Nizamabad 4806 ha (11876 acres), Warangal Rural 4558 ha (11264 acres) and Mahabubabad 4536 ha (11208 acres) .

Table 5: State wise Wholesale Prices Monthly Analysis for Maize December, 2021

State	Prices December, 2021	Prices November, 2021	Prices December, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1523.37	1471.66	1333.15	3.51	14.27
Chhattisgarh	1520.5	1541.25	1289.32	-1.35	17.93
Gujarat	1775.78	1671.2	1548.06	6.26	14.71
Haryana		1921.43	1403	—	—
Karnataka	1617.1	1641.37	1356.56	-1.48	19.21
Madhya Pradesh	1535.27	1487.73	1251.59	3.2	22.67
Maharashtra	1586.65	1532.81	1311.86	3.51	20.95
Odisha	1618.06	1562.22	1368.23	3.57	18.26
Punjab	1926.5	1842.6		4.55	—
Rajasthan	1645.29	1621.58	1440.78	1.46	14.19
Tamil Nadu	1562.26	1623.16	1374.12	-3.75	13.69
Telangana	1813.98	1718.61	1533.68	5.55	18.28
Uttar Pradesh	1717.96	1690.27	1707.71	1.64	0.6
Average	1653.56	1640.45	1501.39		

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

Maize on CBOT rose by US\$ 10.13 per MT to US\$ 233.55 per MT for March, 2022 contract compared to the previous month on the account of dry weather condition related concerns in Brazil and Argentina. It expects that forecast of dry weather conditions in Brazil and Argentina would support CBOT Maize.

Maize cash markets showed a mixed trend with firm bias towards end during the month of December'21 compared to previous month due to improvement in demand from the feed industry towards end and reduced availability of required quality material. Also, Maize market was firm compared to corresponding period last year. For the month of January'22, it expects that Maize would trade with steady to slightly firm sentiment as demand for good quality material seems to be improving as per the trend. Also, Rabi arrivals in current scenario seem to be delayed and arrivals would decrease during mid-January to mid-February.

Good quality Maize is being traded in Bihar between Rs. 2,000 - Rs. 2,150 per quintal. Poultry feed Maize is being supplied to Punjab and Haryana between Rs. 2,300 - Rs. 2,400 per quintal sourced from Gulabgh, Bihar. Sources revealed that Maize in Nizamabad market is being traded at Rs. 1,850 per quintal. Loose Maize in Davangere market, Karnataka is being traded at Rs. 1,600 per quintal.

Table 6: Maize arrivals and prices in Kesamudram Market for the month of December 2021

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	7	1,009	1,649	1,639
2	15	1,655	1,769	1,725
3	56	1,001	1,769	1,886
6	34	1,459	1,818	1,749
7	83	1,559	1,821	1,789
8	27	1,789	1,789	1,789
9	187	1,050	1,793	1,675
10	24	1,389	1,759	1,639
13	115	1,511	182	1,802
14	115	1,511	1,802	1,802
15	67	1,689	1,789	1,689
16	78	1,715	1,778	1,778
17	18	1,500	1,755	1,689
20	36	1,733	1,759	1,759
22	20	1,189	1,769	1,769
24	3	1,702	1,702	1,702
27	5	1,289	1,359	1,289
28	16	1,489	1,652	1,652
29	189	1,676	1,753	1,676
30	6	1,669	1,989	1,989

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

Maize Price Outlook

In Karnataka, maize is likely to trade steady with a slightly firm bias. Also, there is expectation of increase in demand from poultry industry with winter season to be at its peak and decreased arrivals in coming term. It expects that maize would trade in a range of Rs. 1,600 - 1,850 per quintal (loose price) during the month of January'22.

In Naugachia region of Bihar, Maize is being traded at Rs. 2,150 per quintal (Bilty Price). In Gulabghat also, it is being traded at Rs. 2,150 per quintal (Bilty Price). It is expected that maize would trade steady to firm in near term due to expected delay in rabi maize arrivals. It expects that maize in Gulabghat would trade in a range of Rs. 1,900-2,500 per quintal (Bilty Price) during the month of January'22.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize would trade in price range of **Rs. 1650 - 1870** per quintal during the month of January, 2022.