

## Maize Outlook – March 2021

Maize or corn (*Zea mays*) is cultivated globally being one of the most important cereal crops worldwide. As per USDA, U.S. Maize exports have reached 24.16 MMT in the 2020-21 marketing year. At 1.19 MMT (for the period 12 - 18, February 2021) U.S. Maize exports were down 14 percent from the previous week and 11 percent from the prior 4-week average; mainly for the destinations like Mexico (321,100 MT), Japan (226,700 MT), Vietnam (146,200 MT), China (144,300 MT), and Peru (110,300 MT). However, it expects that increase in export demand for U.S. Maize in near term would support CBOT Maize.

**Table 1: International Grain Council's World Corn Projections (in million metric tonnes)**

	2018/19 (Estimated)	2019/20 (Forecast)	2020/21 (Projected)
Opening Stocks	344.20	326.20	297.40
Production	1130.10	1125.00	1133.60
Imports	164.60	173.60	184.40
<b>Total Availability</b>	<b>1474.30</b>	<b>1451.20</b>	<b>1431.00</b>
Food	127.20	129.20	131.20
Feed	675.10	692.80	695.90
Industrial	304.40	293.30	297.20
Others	41.30	38.40	38.70
<b>Total Consumption</b>	<b>1148.10</b>	<b>1153.80</b>	<b>1163.00</b>
Exports	164.60	173.60	184.40
<b>Ending Stocks</b>	<b>326.20</b>	<b>297.40</b>	<b>268.00</b>

Source: International Grains Council

**Table 2: International Grain Council's Indian corn Projections (in million metric tonnes)**

	2018/19 (Estimated)	2019/20 (Forecast)	2020-21 (Projected)
Opening Stocks	2.5	6.42	11.8
Production	27.72	28.77	25.18
Imports	0.21	0.34	0.02
<b>Total Supply</b>	<b>30.43</b>	<b>35.53</b>	<b>37</b>
Export	0.58	1.11	1.87
Domestic Consumption	23.43	22.62	22.58
<b>Total Demand</b>	<b>24.01</b>	<b>23.73</b>	<b>24.45</b>
Ending Stock	6.42	11.8	12.55
Monthly Use	2	1.98	2.04
Stock to Use Ratio	5.92%	14.38%	17.01%

Source: [www.agriwatch.com](http://www.agriwatch.com)

In India, rabi maize has been sown in around 16.93 lakh hectares (41.83 lakh acres) as on 29<sup>th</sup> January 2021 which is lower than 17.48 lakh hectares (43.19 lakh acres) covered during corresponding period of last year. Major maize growing states are Bihar 5.27 lakh ha (13.02 lakh acres), Maharashtra 2.27 lakh ha (6.72 lakh acres), Tamil Nadu 1.57 lakh ha (3.88 lakh acres), Gujarat 0.97 lakh ha (2.40 lakh acres), West Bengal 1.52 lakh ha (3.76 lakh acres) and Telangana 1.07 lakh ha (2.64 lakh acres).

In Telangana during Yasangi (rabi), it has been sown in 1.78 lakh hectares (4.42 lakh acres) as on 3<sup>rd</sup> March 2021 which is lower than 1.88 lakh hectares (4.65 lakh acres) covered during corresponding period of last year. The major growing districts are Warangal Rural 42356 ha (104665 acres), Khammam 32276 ha (79757 acres), Nirmal 18915 ha (46740 acres), Mahbubabad 13318 ha (32910 acres) and Warangal (Urban) 12363 ha (30552 acres).

As per trade sources, India exported around 3,59,265 MT of Maize in the month of December 2020 at an average FoB of US\$ 221.05 per MT, out of which, 2,02,092 MT was exported to Bangladesh at an average FoB of US\$ 212.49 per MT and around 73,632 MT was exported to Nepal at an average FoB of US\$ 218.98 per MT. Around 69,647 MT was exported to Vietnam at an average FoB of US\$ 229.60 per MT.

Corn on CBOT rose by 5.02 USD/MT to 218.69 USD/MT for March'21 contract compared to previous week as storms in major production areas of Brazil disrupted fieldwork, threatening to slow export shipments from one of the world's major suppliers. It expects that increase in export demand for U.S. Maize in near term would support CBOT Maize.

**Table 3: State wise Wholesale Prices Monthly Analysis for Maize**

State	Prices February, 2021	Prices January, 2021	Prices February, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1340.34	1248.82	1680.48	7.33	-20.24
Chhattisgarh	1251	1234.91	1644.27	1.3	-23.92
Gujarat	1460.81	1486.02	1854.76	-1.7	-21.24
Jharkhand	1700	1700	1760	0	-3.41
Karnataka	1424.79	1308.31	1722.4	8.9	-17.28
Madhya Pradesh	1242.1	1212.8	1515	2.42	-18.01
Maharashtra	1315.89	1309.58	1573.63	0.48	-16.38
NCT of Delhi			1785.7	—	—
Odisha	1255.76	1282.42	1789.14	-2.08	-29.81
Punjab			2059.46	—	—
Rajasthan	1347.81	1373.75	1757.59	-1.89	-23.31
Tamil Nadu	1360.17	1335.77	1667.51	1.83	-18.43
Telangana	1467.56	1368.97	1773.99	7.2	-17.27
Uttar Pradesh	1422.93	1674.94	1880.47	-15.05	-24.33
Uttarakhand			1757.14	—	—
Average	1382.43	1378.02	1748.1		

Source: [www.agriwatch.com](http://www.agriwatch.com)

**Table 5: Maize arrivals and prices in Choppadandi Market for the month of February 2021**

Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
2	3	1,211	1,368	1,368
3	2	1,401	1,401	1,401
5	2	1,255	1,255	1,255
8	29	1,202	1,430	1,430
9	16	1,433	1,456	1,456
10	36	1,412	1,412	1,412
12	1	1,441	1,441	1,441
15	165	1,446	1,467	1,456
16	14	1,418	1,426	1,418
17	10	1,326	1,439	1,439
20	87	1,206	1,475	1,472
22	2	1,456	1,456	1,456
23	30	1,502	1,502	1,502

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

### Maize Price Outlook

As per trade sources, India exported around 3,59,265 MT of Maize in the month of December 2020 at an average FoB of US\$ 221.05 per MT, out of which, 2,02,092 MT was exported to Bangladesh at an average FoB of US\$ 212.49 per MT and around 73,632 MT was exported to Nepal at an average FoB of US\$ 218.98 per MT. Around 69,647 MT was exported to Vietnam at an average FoB of US\$ 229.60 per MT.

In Gulabghat region of Bihar, Maize is being traded at Rs.1,525-1,550 per quintal (Bilty Price). Maize in Gulabghat would trade steady to range bound and stay in the range of Rs. 1,500-1,570 per quintal for the week.

Karnataka, maize is likely to trade steady to slightly firm in near term. Tamil Nadu feed makers are buying Maize at Rs. 1,700 per quintal; sourced from Devangere region of Karnataka. Hyderabad poultry feed makers are buying Maize at Rs.1,550- 1,600 per quintal; sourced from Nizamabad region of Telangana.

Overall Maize cash markets traded steady to slightly firm during the week compared to last week. It expects that Maize would trade steady to slightly firm in near term due to continuous demand from global and domestic feed markets. However, higher stock availability would limit the gain.

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that maize could trade in price range of Rs. 1450 - 1550 quintal during the month of March, 2021.