

PJTSAU

AGRICULTURAL MARKET INTELLIGENCE CENTRE

Maize



(As on 30th June 2021)

Estimated World Maize Production in 2021-22 (Million Tonnes)

Country	Forecasted Production (Million Tonnes)	% to total production
USA	380.76	32.00
China	268	22.52
Brazil	118	9.92
European Union	66.7	5.61
Argentina	51	4.29
India	28.5	2.38
Others	276.89	23.29
World	1189.85	100.00

Source: USDA World Agricultural Supply and Demand Estimates Report , June 2021

Maize - All India

- **Season & Year: Yasangi (Rabi) 2020-21**
- **Area coverage: 16.93 lakh hectares (as on 29th January 2021)**
- **All India average productivity: 4893 Kg/ha (Kharif 2018-19)**
- **All India expected production: 82.83 lakh tonnes (Yasangi 2020-21)**

STATE	2019-20			2020-21		
	Lakh ha	Lakh acres	% to total area	Lakh ha	Lakh acres	% to total area
BIHAR	5.05	12.48	28.89	5.27	13.02	31.13
MAHARASHTRA	2.27	5.61	12.99	2.72	6.72	16.07
TAMIL NADU	1.64	4.05	9.38	1.57	3.88	9.27
WEST BENGAL	1.45	3.58	8.30	1.52	3.76	8.98
ANDHRA PRADESH	1.67	4.13	9.55	1.28	3.16	7.56
TELANGANA	1.38	3.41	7.89	1.07	2.64	6.32
GUJARAT	1.32	3.26	7.55	0.97	2.40	5.73
Others	2.70	6.67	15.45	2.53	6.25	14.94
CENTRAL LEVEL	17.48	43.19	100.00	16.93	41.83	100.00

Source: All India Crop Situation – rabi 2020-21, Govt. of India

Maize - Telangana State

- **Season & Year:** Vanakalam 2020-21
- **Area coverage:** 42412 hectares (as on 30th June 2021)

Districts	2019-20			2020-21		
	Ha	Acres	% to total area	Ha	Acres	% to total area
Kamareddy	5418	13388	33.90	7902	19526	18.63
Vikarabad	516	1275	3.23	7386	18250	17.41
Nizamabad	4083	10090	25.55	6912	17079	16.30
Siddipet	829	2048	5.19	4348	10745	10.25
Mahabubnagar	64	157	0.40	2085	5153	4.92
Jagityal	1915	4732	11.98	1953	4825	4.60
Mehabubabad	0	0	0.00	1744	4310	4.11
Sangareddy	0	0	0.00	1091	2697	2.57
Nagarkurnool	490	1212	3.07	883	2182	2.08
Others	2667	6591	16.69	8108	20035	19.12
TELANGANA	15982	39493	100.00	42412	104802.00	100.00

International Demand and Supply of Maize – June 2021 (in Million Tonnes)

	2019/20 (Estimated)	2020/21 (Forecast)	2021/22 (Projected)
Opening Stocks	326.6	297.4	266.9
Production	1125.5	1134.1	1193.9
Imports	174.5	187.2	182.4
Total Availability	1452.1	1431.5	1460.8
Food	129.5	130.6	132.3
Feed	692.2	695.4	717.2
Industrial	293.4	299.5	307.8
Others	39.6	39.2	42.4
Total Consumption	1154.7	1164.7	1199.8
Exports	174.5	187.2	182.4
Ending Stocks	297.4	266.9	261

Source: International Grains Council

Domestic Demand and Supply of Maize – June 2021

(in Million Tonnes)

	2018/19 (Estimated)	2019/20 (Forecast)	2020-21 (Projected)
Opening Stocks	2.5	6.42	11.8
Production	27.72	28.77	24.51
Imports	0.21	0.34	0.02
Total Supply	30.43	35.53	36.33
Export	0.58	1.11	2.78
Domestic Consumption	23.43	22.62	22.52
Total Demand	24.01	23.73	25.23
Ending Stock	6.42	11.8	11.03
Monthly Use	2	1.98	2.1
Stock to Use Ratio	5.92%	14.38%	10.46%

State wise wholesale prices monthly analysis for maize June 2021 (Rs/q)

State	Prices June, 2021	Prices May, 2021	Prices June, 2020	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	1417.54	1340.52	1480.06	5.75	-4.22
Chhattisgarh	1381.81	1367.4	1177.67	1.05	17.33
Gujarat	1756.02	2060.79	1807.95	-14.79	-2.87
Haryana	1432.09	1380	1175.79	3.77	21.8
Jharkhand	1700	1707.04	1807.03	-0.41	-5.92
Karnataka	1656.09	1520.66	1371.84	8.91	20.72
Madhya Pradesh	1500.1	1460.99	1131.28	2.68	32.6
Maharashtra	1624.03	1471.66	1263.44	10.35	28.54
Nagaland	2000			—	—
Odisha	1341.14	1318.12	1323.14	1.75	1.36
Punjab	1336.13	1774.89	1080.24	-24.72	23.69
Rajasthan	1630.23	1573.54	1519.82	3.6	7.26
Tamil Nadu	1790.01	1693.06	1445.59	5.73	23.83
Telangana			1518.17	—	—
Uttar Pradesh	1529.02	1545.34	1330.76	-1.06	14.9
Average	1578.16	1554.92	1388.06		

Arrivals and Prices of Maize in Kesamudram Market during June 2021

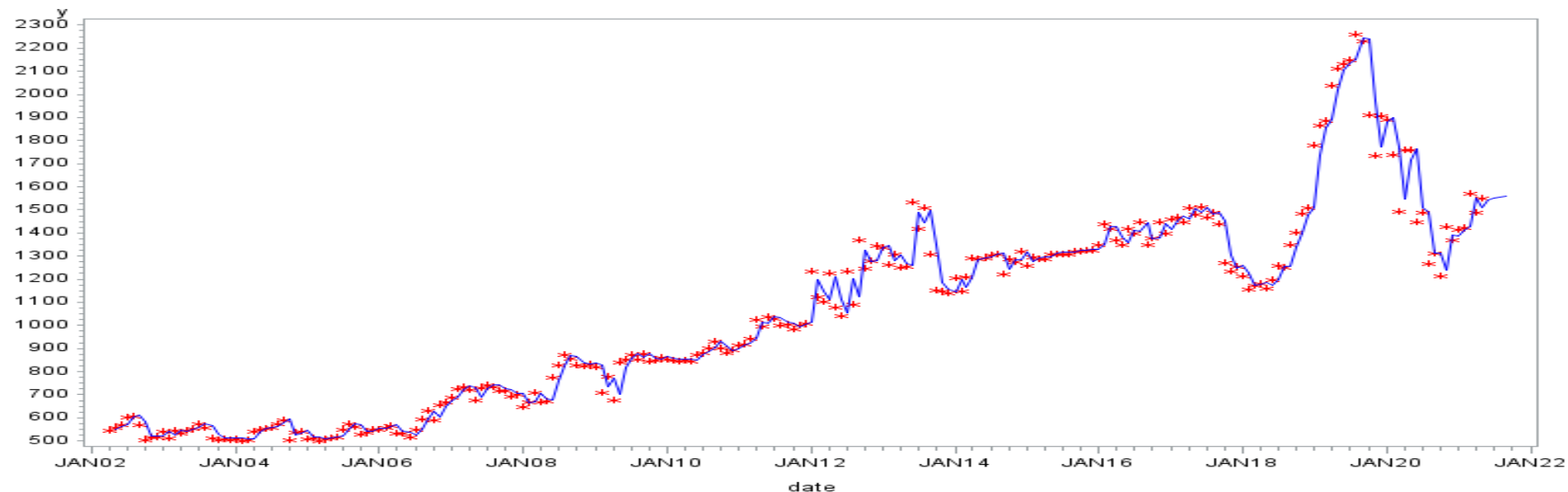
Date	Arrival (Quintals)	Minimum price (Rs/quintal)	Maximum price (Rs/quintal)	Modal price (Rs/quintal)
1	621	1,083	1,569	1,509
7	566	1,351	1,584	1,475
8	368	1,255	1,601	1,587
14	110	1,411	1,611	1,591
15	170	1,019	1,622	1,612
17	60	1,592	1,592	1,592
18	152	1,489	1,716	1,716
21	134	1,555	1,689	1,659
22	68	1,649	1,806	1,680
23	63	1,001	1,859	1,689
24	71	1,551	1,826	1,826
25	39	1,475	1,850	1,850
28	41	1,403	1,851	1,689
29	21	1,609	1,858	1,858
30	23	1,609	1,712	1,709

Source: <http://tsmarketing.in>

Maize Price Forecast (July 2021)

Forecast Model	ARIMA 110
Model Price Forecast	Rs. 1620/ q
Farmers Expectation	Rs. 1750-1900/ q
Traders Expectation	Rs. 1300-1500/ q
MSP	Rs. 1850/ q
Integrated Price Forecast	Rs. 1550– 1800/ q

ARIMA fitting for Maize price data



Red color represent Actual
Blue color represent Forecast by ARIMA model

Trade Information

- It expects that Maize would trade steady to strong, on the expectation that crop arrivals in coming weeks would remain slow and there are chances of Maize shortage in Markets in coming weeks. Also, demand from local and international feed makers continue, that would support the Market at the lower level.
- In Devangere region of Karnataka Market, Maize is being traded between the price range of Rs. 1550-1700 per quintal. It would trade in the range of Rs. 1,550-1,800 per quintal. Also, millers and feed makers demand in this situation will maintain the high prices of Maize in Devangere Market.
- In Gulabbagh region of Bihar, Maize is being traded between Rs. 1,500 – Rs. 1750 per quintal (Bilty Price). Maize in Gulabbagh would trade steady with a strong bias in the range of Rs.1,500 - 1,800 per quintal for the week.
- Expectation of decreased crop arrivals and possible shortage of Maize, in coming week will weigh on the market sentiments. Also, millers feed makers and stockiest demand; in this situation will maintain the high prices of Maize in Gulabbagh Market.