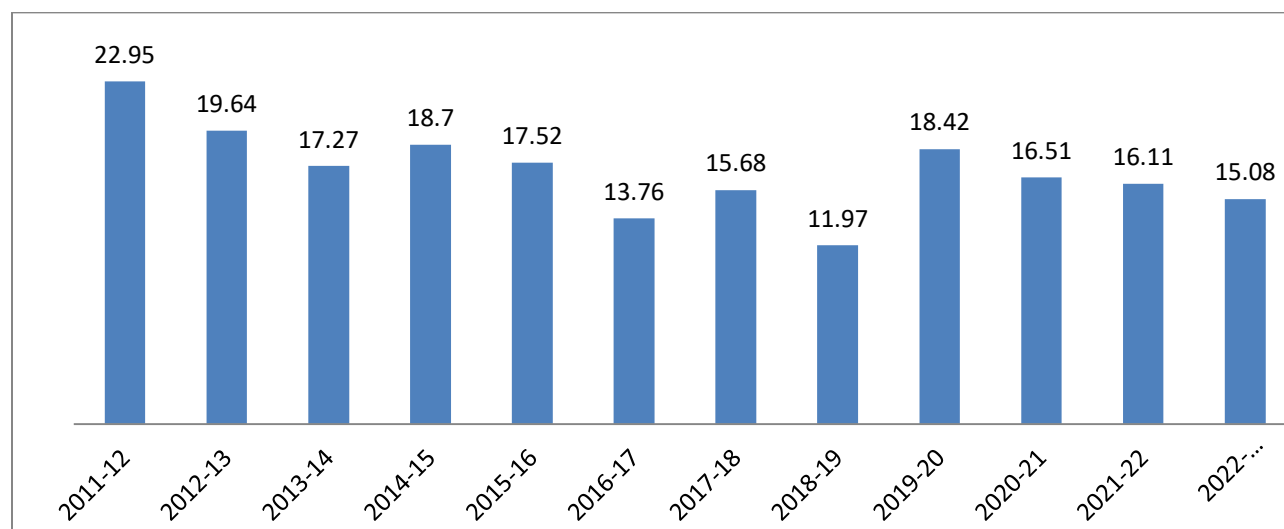


## Castor Outlook – December 2022

Castor is one of the oldest cultivated crops; however, it contributes to only 0.15% of the vegetable oil produced in the world. The oil produced from this crop is considered to be of importance to the global specialty chemical industry because it is the only commercial source of a hydroxylate fatty acid. Castor plant is grown in arid and semi-arid regions. In 2020-21, World major producing countries are India (16.51 lakh tonnes), Mozambique (0.72 lakh tonnes), China (0.17 lakh tonnes), Thailand (0.12 lakh tonnes) and Myanmar (0.12 lakh tonnes).



Source: Directorate of Economics and Statistics (DES). \* 1<sup>st</sup> Advance estimates

**Figure 1: Production of Castor in India (in lakh tonnes)**

Area under castor reported during 2022-23 was 8.917 lakh ha (22.030 lakh acres) as against 7.547 lakh ha (18.65 lakh acres) during the same period in 2020-21. Among states, Gujarat is leading with 6.992 lakh ha (17.10 lakh acres) under castor followed by Rajasthan 1.491 lakh ha (3.684 lakh acres), Andhra Pradesh 0.351 lakh ha (0.870 lakh acres), Odisha 0.042 lakh ha (0.100 lakh acres) and Telangana 0.019 lakh ha (0.048 lakh acres). According to Government 1<sup>st</sup> advance estimates, all India castor production in 2022-23 is at 15.08 lakh tonnes.

**Table 1: State wise area under castor in India**

State	2021-22			2022-23		
	Area (lakh ha)	Area (lakh acres)	% to total area	Area (lakh ha)	Area (lakh acres)	% to total area
Gujarat	6.133	15.150	81.26	6.922	17.10	77.63
Rajasthan	1.027	2.540	13.61	1.491	3.684	16.72
Andhra Pradesh	0.179	0.440	2.37	0.351	0.870	3.94
Odisha	0.05	0.120	0.66	0.042	0.100	0.47
Karnataka	0.064	0.160	0.85	0.034	0.080	0.38
Telangana	0.021	0.054	0.49	0.02	0.048	0.22
Others	0.057	0.140	0.76	0.057	0.140	0.64
All India	7.547	18.650	100.00	8.917	22.030	100.00

Source: [www.agricoop.nic.in](http://www.agricoop.nic.in)

**Table 2: Castor Domestic Supply & Demand (in lakh tonnes)**

	2020-21	2021-22
Opening Stocks	6.22	7.73
Production	16.51	16.11
Imports	0.00	0.00
<b>Total Supply</b>	<b>22.73</b>	<b>23.84</b>
Exports	0.00	0.00
Consumption	15.00	15.50
<b>Total Demand</b>	<b>15.00</b>	<b>15.50</b>
Ending Stocks	7.73	8.34

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

In Telangana state, Gadwal 498 ha (1230 acres), Narayanpet 515 ha (1273 acres), Mahabubnagar 405 ha (1000 acres), Wanaparthy 355 ha (878 acres) and Nagarkurnool 74 ha (184 acres) are major castor growing districts. According to Telangana State Government 1<sup>st</sup> advance estimates, castor production in 2022-23 is at 0.01 lakh tonnes from 0.02 lakh ha (0.05 lakh acres) with productivity of 778 Kg/ha (314 Kg/acre).

**Table 3: District wise area under castor in Telangana**

District	2021-22			2022-23		
	Area (ha)	Area (acres)	% to total area	Area (ha)	Area (acres)	% to total area
Narayanpet	607	1499	27.74	515	1273	26.25
Gadwal	405	1000	18.51	498	1230	25.36
Mahabubnagar	495	1223	22.64	405	1000	20.62
Wanaparthy	432	1068	19.77	355	878	18.10
Nagarkurnool	80	198	3.66	74	184	3.79
Siddipet	41	101	1.87	32	80	1.65
Others	127	314	5.81	83	205	4.23
Telangana State	2187	5403	100.00	1963	4850	100.00

Source: [www.agri.telangana.gov.in](http://www.agri.telangana.gov.in)**Table 4: State wise wholesale prices of Castor during November 2022**

State	Prices November, 2022	Prices October, 2022	Prices November, 2021	% Change (Over Previous Month)	% Change (Over Previous Year)
Andhra Pradesh	6228.18	5925.85	5368.96	5.1	16
Gujarat	7205.06	7009.53	6418.52	2.79	12.25
Karnataka	5510.12	6061.55	4943.79	-9.1	11.46
Madhya Pradesh	6412.64	6175		3.85	—
Maharashtra	6200	6325	5594.74	-1.98	10.82
Rajasthan	5749.41	6526.23	6088.29	-11.9	-5.57
Tamil Nadu	6395.52	6520	5253.06	-1.91	21.75
Telangana	6233.5	6047.45		3.08	—
<b>Average</b>	<b>6241.8</b>	<b>6323.83</b>	<b>5611.23</b>		

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

Last year between April to September the castor oil export was 3.71 lakh tonnes, which during the current year in the same period decreased to 3.09 lakh tonnes. Last year between April to October the castor seed meal export was 1.96 lakh tonnes, which during the current year in the same period decreased to 1.89 lakh tonnes. Major castor oil importing countries from India are China (1.37 lakh tonnes), Netherlands (0.48 lakh tonnes), France (0.38 lakh tonnes), USA (0.32 lakh tonnes) and Japan (0.09 lakh tonnes).

**Table 5: Prices and arrivals of Castor in Gadwal market during November 2022**

<b>Date</b>	<b>Arrival (Quintal)</b>	<b>Maximum price (Rs/quintal)</b>	<b>Minimum price (Rs/quintal)</b>	<b>Modal price (Rs/quintal)</b>
1	52	6,100	5,880	5,910
2	42	6,102	5,750	5,940
3	71	6,102	5,691	5,980
4	29	6,150	5,510	6,010
5	90	6,200	5,260	6,040
7	174	6,270	5,737	6,120
9	121	6,380	4,270	6,280
10	62	6,360	5,112	6,257
11	84	6,382	4,346	6,290
12	33	6,360	5,422	6,280
14	308	6,419	3,610	6,410
15	77	6,469	4,509	6,437
16	75	6,500	6,320	6,350
17	24	6,560	4,810	6,470
18	35	6,510	5,510	6,460
19	56	6,545	6,516	6,525
21	121	6,520	4,357	6,290
22	49	6,530	4,597	6,342
24	33	6,490	5,010	6,137
25	10	6,320	3,119	5,119
26	31	6,522	4,257	6,472
28	59	6,522	4,557	6,410
30	65	6,527	4,676	6,402

Source: <http://tsmarketing.in>

Under these circumstances, Agricultural Market Intelligence Centre, PJTSAU expects that Castor may trade in price range between Rs. 6000 - 6300 per quintal in the month of December 2022.