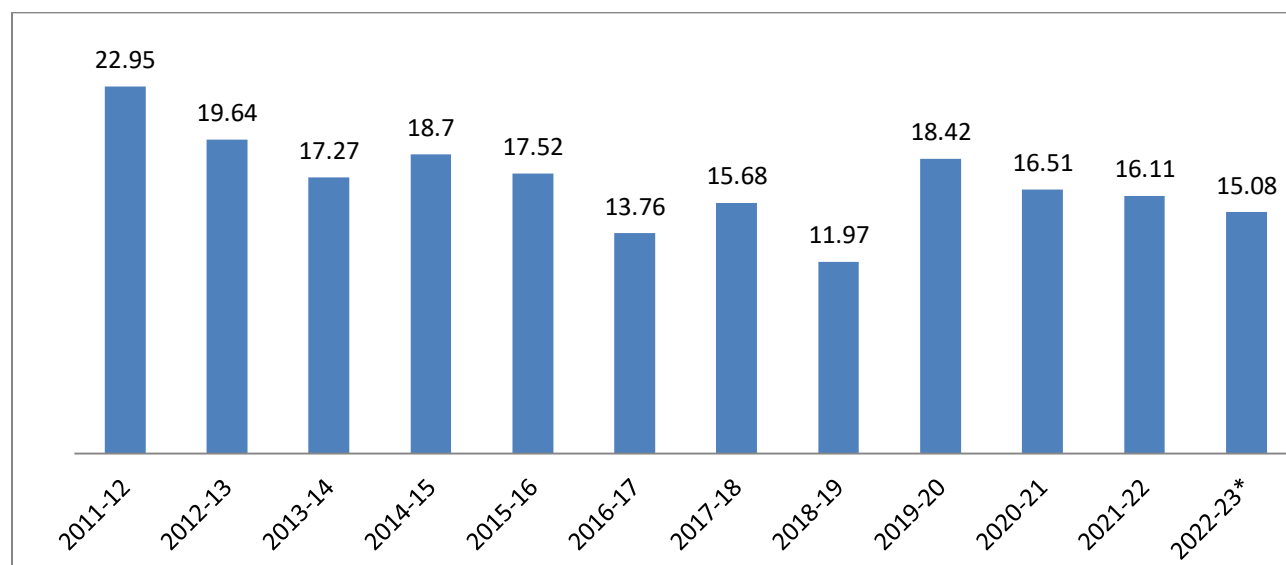


## Castor Outlook – January 2023

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 2021-22. 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      | <b>0.064</b>   | <b>0.160</b>      | <b>0.85</b>     | <b>0.034</b>   | <b>0.080</b>      | <b>0.38</b>     |
| Telangana      | <b>0.021</b>   | <b>0.054</b>      | <b>0.49</b>     | <b>0.02</b>    | <b>0.048</b>      | <b>0.22</b>     |
| Others         | <b>0.057</b>   | <b>0.140</b>      | <b>0.76</b>     | <b>0.057</b>   | <b>0.140</b>      | <b>0.64</b>     |
| All India      | <b>7.547</b>   | <b>18.650</b>     | <b>100.00</b>   | <b>8.917</b>   | <b>22.030</b>     | <b>100.00</b>   |

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            |
| <b>Telangana State</b> | <b>2187</b> | <b>5403</b>  | <b>100.00</b>   | <b>1963</b> | <b>4850</b>  | <b>100.00</b>   |

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

| State          | Prices December, 2022 | Prices November, 2022 | Prices December, 2021 | % Change (Over Previous Month) | % Change (Over Previous Year) |
|----------------|-----------------------|-----------------------|-----------------------|--------------------------------|-------------------------------|
| Andhra Pradesh | 6312.35               | 6237.52               | 5044.58               | 1.2                            | 25.13                         |
| Gujarat        | 7184.76               | 7209.93               | 6000.96               | -0.35                          | 19.73                         |
| Karnataka      | 5863.77               | 5510.12               | 5577.75               | 6.42                           | 5.13                          |
| Madhya Pradesh | 6384.62               | 6410.32               |                       | -0.4                           | —                             |
| Maharashtra    |                       | 6200                  | 5535                  | —                              | —                             |
| Rajasthan      | 6890.13               | 6138.15               | 5633.9                | 12.25                          | 22.3                          |
| Tamil Nadu     | 6930                  | 6395.52               | 5305.32               | 8.36                           | 30.62                         |
| Telangana      | 6239.16               | 6233.5                |                       | 0.09                           | —                             |
| Uttar Pradesh  | 5000                  |                       |                       | —                              | —                             |
| <b>Average</b> | <b>6350.6</b>         | <b>6291.88</b>        | <b>5516.25</b>        |                                |                               |

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

Last year between April to November the castor oil export was 4.78 lakh tonnes, which during the current year in the same period decreased to 3.92 lakh tonnes. Last year between April to November the castor seed meal export was 2.35 lakh tonnes, which during the current year in the same period decreased to 2.25 lakh tonnes.

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

| <b>Date</b> | <b>Arrival<br/>(Quintal)</b> | <b>Maximum price<br/>(Rs/quintal)</b> | <b>Minimum price<br/>(Rs/quintal)</b> | <b>Modal price<br/>(Rs/quintal)</b> |
|-------------|------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|
| 1           | 26                           | 6,417                                 | 4,562                                 | 6,317                               |
| 2           | 22                           | 6,347                                 | 5,857                                 | 6,137                               |
| 3           | 18                           | 6,312                                 | 4,237                                 | 5,919                               |
| 5           | 70                           | 6,740                                 | 4,520                                 | 5,580                               |
| 6           | 75                           | 6,440                                 | 4,157                                 | 6,340                               |
| 8           | 28                           | 6,420                                 | 5,577                                 | 6,370                               |
| 10          | 14                           | 6,370                                 | 4,060                                 | 6,260                               |
| 12          | 11                           | 5,560                                 | 4,601                                 | 5,277                               |
| 13          | 14                           | 6,412                                 | 6,320                                 | 6,412                               |
| 14          | 45                           | 6,520                                 | 6,250                                 | 6,350                               |
| 15          | 7                            | 6,317                                 | 4,557                                 | 6,317                               |
| 17          | 53                           | 6,480                                 | 6,060                                 | 6,380                               |
| 19          | 38                           | 6,310                                 | 4,557                                 | 6,110                               |
| 20          | 62                           | 6,359                                 | 4,909                                 | 5,889                               |
| 21          | 49                           | 6,312                                 | 6,020                                 | 6,110                               |
| 22          | 78                           | 6,312                                 | 5,676                                 | 5,969                               |
| 24          | 55                           | 6,332                                 | 5,691                                 | 6,325                               |
| 27          | 102                          | 6,302                                 | 5,720                                 | 6,130                               |
| 28          | 44                           | 6,230                                 | 5,720                                 | 6,170                               |
| 29          | 60                           | 6,212                                 | 5,889                                 | 6,210                               |
| 30          | 52                           | 6,290                                 | 5,740                                 | 6,140                               |
| 31          | 47                           | 6,290                                 | 5,740                                 | 6,250                               |

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 January 2023.