AW AGRIWATCH

Sugar Fundamental Report

24th Nov, 2022

Recent Update:

Sugar physical market showed a bearish trend today in India. Sugar prices were lower in the Delhi market at Rs. 3500/qtl and in Kolhapur were at Rs. 3375 per quintal.

Uttar Pradesh sugar mills had cleared around 97.40 % of cane dues of the 2021-22 sugar season. The mills have cleared sugarcane dues of around Rs. 2892.32 crore against the total 2969.37 crore. Sugarcane crushing has also paced up for the 2022-23 season and around 3.6 lakh tonne of sugar has been produced till 15th November 2022.

As of 21st November 2022, Gujarat sugarcane sowing has reached 1,05,036 hectares for the 2022-23 season which is slightly higher compared to the previous season's sowing of 79,898 hectares. The good rainfall during the past month has resulted in an increase in acreages under the sugarcane crop.

The crushing operations get affected in Panipat. Due to the slow supply of sugarcane crushing operations get affected in Panipat. The new sugar mill in Panipat has a crushing capacity of 50,000 quintals of cane per day but the slow supply is affecting the crushing activities. About 42,500 quintals of sugarcane has arrived so far. As per Mill Administration, the sugar mill is likely to operate in full swing after 20th November 2022.

The Directorate General of Foreign Trade (DGFT) has issued a notice and as per that, the quantity of 5841 MT (raw/refined) sugar is to be exported to European Union and quantity of 8606 MTRV raw cane sugar is to be exported to USA under TRQ scheme from 1st October, 2022, to 30th September, 2023. The quota will be operated by Agricultural and Processed Food Products Export Development Authority (APEDA).

As per the Indian sugar mills association, Sugar production in India has reached 19.9 lakh tonne as against 20.8 lakh tonne till 15th November 2022. The crushing operations were delayed this year because of rains during late October month and early November. As per market sources, around 35 lakh tonnes of exports contract have already been signed for the 2022-23 season. Out of which, 2 lakh tonne has been physically exported till October 2022 as compared to 4 lakh tonnes during the corresponding period last year.

| State | | oduction ^h Nov'22) | Mills in Operation (as of 15th Nov'21.) | | |
|---------------|---------------------------|----------------------------------|--|------------------|--|
| | No. of Operating Mills | Sugar Production | No. of Operating Mills | Sugar Production | |
| Uttar Pradesh | 76 | 3.6 | 74 | 2.9 | |
| Maharashtra | 141 | 8.6 | 134 | 8.9 | |
| Karnataka | 62 | 6.1 | 63 | 7.6 | |
| Gujarat | 14 | 0.6 | 14 | 0.8 | |



Sugar Fundamental Report

24th Nov, 2022

| Tamil Nadu | 5 | 0.8 | 3 | 0.4 |
|------------------------------|-----|------|-----|------|
| All India | 321 | 19.9 | 308 | 20.8 |
| Unit [.] Lakh tonne | | | | |

Unit: Lakh tonne

Weather Forecast

Thunderstorms accompanied with lightning at isolated places over Costal Andhra Pradesh, Rayalaseema, north Tamil Nadu, Pondicherry & Karaikal. Heavy rainfall at isolated places over north Tamil Nadu, south coastal Andhra Pradesh and adjoining Rayalaseema.

International Market Updates:

Sugar prices on Tuesday settled mixed. Sugar prices have gained support after the Thai Sugar Milliers Corp said that Thailand might push back the start of this year's sugar cane crushing season to early December from 23^{rd} Nov'22 and cut its 2022-23 Thailand sugar cane output estimate to 105 MMT from 110 MMT, citing unfavorable weather conditions. A bearish factor for sugar was Monday's forecast from Czarnikow that Brazil's Center-South mills would produce 34.7 MMT of sugar in 2023-24 (Apr/Mar), up +7% year-on-year basis.

Sugar prices also saw pressure after the Organization of Cane Producers Association in Brazil forecasted Brazil's sugar output in 2022-23 season at 36.9 MMT due to favorable weather and that production would reach 37.2 MMT in 2023-24 season.

As per Unica, Brazil's Center-South sugar output in October was estimated down -3.1% year-on-year basis at 30.281 MMT.

The Australian sugar crush is over 75% complete, with 25.4 million tonnes processed to date. Sugar Futures ended flat after a volatile week.

Pakistan Sugar Mills Association has urged the government to allow the export of surplus sugar. The millers are demanding to allow exports of around 60% of the surplus sugar stock else they would delay the crushing for the coming season. (The mills may start the cane crushing operation in January 2023)

The International Sugar Organization has forecasted that sugar production may increase by around +4.5% year on year basis to a 5-year high of 181.9 million tonne in 2022-23 season, as a result, global sugar market would be in a surplus of +5.6 MMT. However, higher sugar output in India is bearish for prices. India's Sugarcane acreages has increased by +5.4% year-on-year basis, and sugar production is expected to increase by +2.9% year-on-year basis to 35.8 MMT.

Sugar Fundamental Report

24th Nov, 2022

| | | World Balance She | et | |
|--------------------|---------|-------------------|-----------------------------|--------------------------|
| | 2022-23 | 2021-22 | Changes in Million tonne | Percentage Change (%) |
| Production | 182.142 | 172.662 | 9.480 | 5.46 |
| Consumption | 175.957 | 174.327 | 1.630 | 0.94 |
| Surplus/Deficit | 6.185 | -1.665 | | |
| Import | 61.500 | 62.191 | -0.691 | -1.11 |
| Export | 64.486 | 62.512 | 1.974 | 3.16 |
| Ending stock | 99.734 | 96.852 | 2.882 | 2.98 |
| Stock to use ratio | 56.68 | 55.56 | | |

Source: ISO; Million Tonne

AGRIWATCH

Ethanol:

The Chhattisgarh government had signed two MoU (Memorandum of Understandings) at the Chhattisgarh Business Summit 2022. The MoU were signed for setting up an ethanol production plant and drone and UAV manufacturing unit.

According to the press release issued by the CMO, an MoU was signed between the state government and Rajesh Gautam of NKJ Biofuel, Durg for setting up an ethanol production plant in the cooperative sector with an investment of Rs 140 crores, while another MoU was inked with Manish Bajpai of Daybest Research Private Ltd for setting up 4500 drone and UAV manufacturing units at the investment of Rs 50.95 crore.

The government has released guidelines for producing ethanol from sugar and grain-based feedstocks in India. According to the new guidelines, the validating agencies will have to send a copy of the validation report to the directorate of sugar and vegetable oils, the department of food and public distribution and the ministry of petroleum and natural gas within a fortnight of undertaking the onsite validation.

| S.N | Fordam Name | Opening Stock | Production To Date | Stock On Date | Sale in Hand | Last Sold Rate |
|-----|--------------|------------------|-----------------------|------------------|-----------------|-------------------|
| ο | Factory Name | | (in | | | |
| | | | Rs./litre) | | | |
| | ANOOPSAHAR | | | | | |
| 1 | (ANOO) | 3.46 | 31.22 | 3.03 | 44.98 | 59.08 |

Uttar Pradesh: Mill-wise Ethanol List (19/11/2022)

AW AGRIWATCH

Sugar Fundamental Report

24th Nov, 2022

| 2 | GHOSI (GHOS) | 3.7 | 13 | 0.13 | 27.54 | 59.08 |
|-----|------------------|-------|--------|------|--------|-------|
| 3 | KAIMGANJ (KAIM) | 1.62 | 0 | 1.57 | 9.57 | 46.66 |
| 4 | MAJHOLA (MAJH) | 0 | 0 | 0 | 0 | 0 |
| 5 | NANAUTA (NANA) | 2.58 | 13.91 | 1.07 | 29.63 | 46.66 |
| 6 | NANAPRA (NANP) | 0 | 0 | 0.5 | 7 | 46.66 |
| | SAMPORNANAGAR | | | | | |
| 7 | (SAMP) | 4.84 | 7.42 | 0.23 | 61.9 | 46.66 |
| 8 | SATHIAON (SATN) | 14.44 | 19.16 | 0.04 | 29.74 | 59.08 |
| 9 | SNEH ROAD (SNEH) | 0.13 | 42.84 | 0.07 | 92 | 59.08 |
| Tot | | | | | | |
| al | | 30.77 | 127.55 | 6.64 | 302.36 | |

International Sugar Futures ICE (US Cent/lb)

| | Daily Futures Price Listing Tuesday, Nov 22nd, 2022 | | | | | | | | | | |
|----------------|---|-------|-------|-------|-------|--------|---------|--------------|--------|--|--|
| | Most Recent Information | | | | | | | Previous Day | | | |
| Month | Date | Open | High | Low | Close | Change | Volume | Open Int | Change | | |
| Sugar #11(ICE) | | | | | | | | | | | |
| <u>22-Mar</u> | 221122 | 19.94 | 20.07 | 19.68 | 19.74 | -0.12 | 80,996 | 391,133 | 6,799 | | |
| <u>23-May</u> | 221122 | 18.8 | 18.86 | 18.59 | 18.65 | -0.05 | 25,316 | 181,481 | 286 | | |
| <u>23-Jul</u> | 221122 | 18.03 | 18.08 | 17.92 | 17.95 | -0.03 | 22,051 | 115,207 | 1847 | | |
| <u>23-Oct</u> | 221122 | 17.83 | 17.83 | 17.71 | 17.76 | 0.01 | 7,661 | 72,949 | 575 | | |
| <u>24-Mar</u> | 221122 | 17.71 | 17.78 | 17.69 | 17.74 | 0.01 | 3,118 | 46,390 | 588 | | |
| <u>24-May</u> | 221122 | 16.9 | 16.97 | 16.84 | 16.88 | -0.02 | 690 | 13,296 | 152 | | |
| <u>24-Jul</u> | 221122 | 16.34 | 16.41 | 16.27 | 16.3 | -0.04 | 480 | 12,980 | 33 | | |
| <u>24-Oct</u> | 221122 | 16.22 | 16.3 | 16.12 | 16.14 | -0.07 | 240 | 12,788 | -46 | | |
| Total Volume | e and Open Inte | erest | | | | | 140,776 | 863,449 | 10,226 | | |

Source: MRCI

International Sugar Futures LIFFE (US \$/MT)

| | Daily Futures Price Listing Tuesday, Nov 22nd 2022 | | | | | | | | | | | |
|---------------|--|-------|-------|-------|-------|--------|--------|-------------|--------|--|--|--|
| | Most Recent Information | | | | | | | Previous Da | У | | | |
| Month | Date | Open | High | Low | Close | Change | Volume | Open Int | Change | | | |
| | London Sugar (LCE) | | | | | | | | | | | |
| <u>22-Dec</u> | 221122 | 535 | 542.6 | 533.9 | 537.3 | 1.4 | 4,584 | 47,611 | 281 | | | |
| <u>23-Mar</u> | 221122 | 527 | 533.7 | 526.5 | 529.3 | 1.5 | 2,161 | 18,946 | 583 | | | |
| <u>23-May</u> | 221122 | 509.9 | 514.8 | 509.4 | 512.6 | 2.2 | 668 | 7,542 | 131 | | | |

Sugar Fundamental Report

24th Nov, 2022

| <u>23-Aug</u> | 221122 | 492.3 | 495.5 | 491.5 | 495.2 | 3.1 | 237 | 6,778 | 65 |
|---------------|-------------|-------------|-------|-------|-------|-----|-------|--------|------|
| <u>23-Oct</u> | 221122 | 484.8 | 487.5 | 484.5 | 487.5 | 3.1 | 27 | 2,684 | -15 |
| Total Volu | ime and Ope | en Interest | | | | | 7,686 | 85,193 | 1044 |

Source: MRCI

DOMESTIC PRICES AND ARRIVAL

| Sugar Prices at Ke | Sugar Prices at Key Spot Markets: | | | | | | | | | |
|---|-----------------------------------|------------------------------|---|---|---------------|--|--|--|--|--|
| Commodity | | TT 1 (| Prices (| (Rs/Qtl) | CT. | | | | | |
| Sugar | Centre | Variety | 23-Nov-22 | 22-Nov-22 | Change | | | | | |
| Dalle | Delhi | M-Grade | 3500 | 3530 | -30 | | | | | |
| Deini | Delhi | S-Grade | 3500 3530 3480 3510 3640 3640 3480 3480 3565 3565 3545 3545 3615 3615 3672 3676 3556 3556 3575 3400 3325 3340 3639 3654 3639 3654 3645 3660 3880 3880 3820 3820 3840 3840 3840 3840 3840 3840 3840 3840 | 3510 | -30 | | | | | |
| | Khatauli | M-Grade | 3640 | 23-Nov-22 22-Nov-22 3500 3530 3480 3510 3640 3640 3480 3480 3565 3565 3545 3545 3615 3615 3672 3676 3556 3556 3545 3615 3672 3676 3556 3556 3556 3556 3672 3676 3556 3556 3556 3556 3672 3676 3556 3556 3556 3556 3556 3556 3556 3556 3556 3556 357 3400 3639 3654 3645 3660 3880 3880 3820 3820 3940 3940 3425 3425 3800 3840 3840 3840 <t< td=""><td>Unch</td></t<> | Unch | | | | | |
| | Ramala | M-Grade | 3480 3480 | | Unch | | | | | |
| Uttar Pradesh | Dhampur | M-Grade Ex-Mill | 3565 | 3565 | Unch | | | | | |
| | Dhampur | S-Grade Ex-Mill | 3545 | 3545 | Unch | | | | | |
| Commodity 1 Sugar 1 Delhi 1 Uttar Pradesh 1 Image: state stat | Dhampur | L-Grade Ex-Mill | 3615 | 3615 | Unch | | | | | |
| | Mumbai | M-Grade 3672 S-Grade 3556 | 3676 | -4 | | | | | | |
| M. I I. (| Mumbai | S-Grade | 3556 | 3556 | Unch | | | | | |
| | Nagpur | M-Grade | 3500 | 3525 | -25 | | | | | |
| Maharashtra | Nagpur | S-Grade | 3450 | 3465 | -15 | | | | | |
| | Kolhapur | M-Grade | 3375 | 3400 | -25 | | | | | |
| Sugar Delhi Uttar Pradesh Maharashtra Assam Meghalaya Andhra Pradesh West Bengal Tamil Nadu | Kolhapur | S-Grade | 3325 | 3340 | -15 | | | | | |
| Assam | Guhawati | S-Grade | 23-Nov-22 22-Nov-22 3500 3530 3480 3510 3640 3640 3480 3480 3565 3565 3545 3545 3615 3615 3672 3676 3556 3556 3615 3615 3672 3676 3556 3556 3672 3676 3556 3556 3672 3676 3556 3556 3556 3556 3672 3676 3550 3525 3450 3465 3375 3400 3325 3340 3639 3654 3645 3660 3880 3880 3820 3820 3940 3940 3425 3425 3800 3800 3840 3840 | -15 | | | | | | |
| Meghalaya | Shillong | S-Grade | 3645 | 3660 | -15 | | | | | |
| An Illin Day Just | Vijayawada | M-Grade (With Duty) | 3880 | 3880 | Unch | | | | | |
| Andhra Pradesn | Vijayawada | S-Grade (With Duty) | 23-Nov-22 22-Nov-22 3500 3 3480 3 3640 3 3565 3 3565 3 3565 3 3565 3 3565 3 3565 3 3565 3 3615 3 3672 3 3556 3 3575 3 3375 3 3375 3 3639 3 3645 3 3645 3 3940 3 3880 3 3840 3 3840 3 3840 3 | 3820 | Unch | | | | | |
| West Bengal | Kolkata | M-Grade | 3940 | 3940 | Unch | | | | | |
| | Chennai | S-Grade (With GST) | 3425 | 3425 | Unch | | | | | |
| Tamil Nadu | Dindigul | M-Grade (DCA) | 3800 | 3800 | Unch | | | | | |
| | Coimbatore | M-Grade (DCA) | 3840 | 3840 | Unch | | | | | |
| Chattisgarh | Ambikapur | M-Grade (Without Duty) | 3900 | 3900 | Unch | | | | | |
| | | | Sugar Prices are in | INR/Quintal. (1 Qu | intal=100 kg) | | | | | |



AW AGRIWATCH

Sugar Fundamental Report

24th Nov, 2022

| Jaggery (Gur) Pric | es at Key Spot Markets: | | | | |
|--------------------|-------------------------|--------------------------|-----------|-----------|--------|
| Commodity | Centre | Variety | Prices (| (Rs/Qtl) | Change |
| Jaggery(Gur) | | | 23-Nov-22 | 22-Nov-22 | Change |
| | Muzaffarnagar | Chaku Fresh | 3000 | 3000 | Unch |
| | Muzaffarnagar | Chaku(Arrival)(40kg Bag) | 10000 | 10000 | Unch |
| | Muzaffarnagar | Khurpa (Fresh) | 2675 | 2650 | 25 |
| Uttar Pradesh | Muzaffarnagar | Laddoo (Fresh) | 3175 | 3200 | -25 |
| | Muzaffarnagar | Rascut (Fresh) | 2450 | 2450 | Unch |
| | Hapur | Chaursa | 2760 | 2760 | Unch |
| | Hapur | Balti | 2870 | 2870 | Unch |
| | | Gold | NR | NR | - |
| | Chittur | White | NR | NR | - |
| | | Black | NR | NR | - |
| Maharashtra | Latur | Lal Variety | NA | NA | - |
| | Bangalore | Mudde (Average) | 4650 | 4650 | Unch |
| | Belgaum | Mudde (Average) | NA | NA | - |
| | Belthangadi | Yellow (Average) | NA | NA | - |
| | Bijapur/Vijayapura | Achhu | NA | NA | - |
| | Gulbarga/Kalaburgi | Other (Average) | NA | 2850 | - |
| Karnataka | Mahalingapura | Penti (Average) | NA | 3460 | - |
| | Mandya | Achhu (Medium) | NA | 3310 | - |
| | Mandya | Kurikatu (Medium) | NA | 3200 | - |
| | Mandya | Other (Medium) | NA | 2900 | - |
| | Mandya | Yellow (Medium) | NA | 3300 | - |
| | Shimoga/Shivamogga | Achhu (Average) | 3850 | 3850 | Unch |

INTERNATIONAL SUGAR PRICES

| International Sugar Futures ICE | | | | | (Rs/Qtl) | |
|------------------------------------|---------------------------|---------------|---------------|--------------|---------------|---------------|
| | % Change | Today | Week ago | Month Ago | Year Ago | RBI Dollar |
| Futures month | over previou s year | 22-Nov- 22 | 15-Nov- 22 | 21-Oct-22 | 23-Nov- 21 | 22-Nov-22 |
| Oct-22 | 2.25 | 3253 | 3303 | 3166 | 3182 | |
| Mar-23 | 7.77 | 3616 | 3701 | 3407 | 3355 | 81.77 |
| May-23 | 3.57 | 3416 | 3494 | 3240 | 3298 | |

AGRIWATCH

Sugar Fundamental Report

24th Nov, 2022

| nternational Sugar Futures | LIFFE | | | | (Rs/Qtl) | |
|----------------------------|---------------------------|---------------|---------------|--------------|---------------|---------------|
| Futures month | % Change | Today | Week ago | Month Ago | Year Ago | RBI Dollar |
| | over previou s year | 22-Nov- 22 | 15-Nov- 22 | 21-Oct-22 | 23-Nov- 21 | 22-Nov-22 |
| Oct-22 | 9.87 | 4192 | 4257 | 4065 | 3815 | |
| Dec-22 | 6.74 | 3986 | 4716 | 3915 | 3734 | 81.77 |
| Mar-23 | 12.38 | 4328 | 4409 | 4141 | 3851 | |

Disclaimer

The information and opinions contained in the document have been compiled from sources believed to be reliable. The company does not warrant its accuracy, completeness, and correctness. The use of data and information contained in this report is at your own risk. This document is not, and should not be construed as an offer to sell or solicitation to buy any commodities. This document may not be reproduced, distributed, or published, in whole or in part, by any recipient hereof for any purpose without prior permission from the Company. IASL and its affiliates and/or their officers, directors, and employees may have positions in any commodities mentioned in this document (or in any related investment) and may from time to time add to or dispose of any such commodities (or investment). Please see the detailed disclaimer at © 2022 Indian Agribusiness Systems Ltd.