

PRODUZINDO ENERGIA PARA A VIDA



# **OPERATING AND FINANCIAL REPORT**

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COLOLINA

# HARVEST 2019/20

November/ 2019 Disclosure: 2019/12/17

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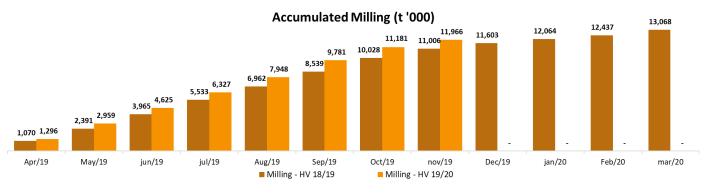
## Operational Summary - (HV 18/19 x HV 19/20)

Industrial and Agricultural Operating Performance – Accumulated Crop Results (April to November)

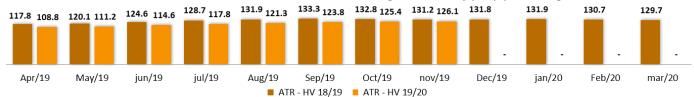
| Sugarcane Total           | HV 18/19 (R) | HV 19/20 (R) | Nominal Change | Change % |
|---------------------------|--------------|--------------|----------------|----------|
| Raw Material              | 11,005,718   | 11,966,347   | 960,629        | 8.7%     |
| Own Sugarcane (t)         | 3,555,444    | 3,771,098    | 215,654        | 6.1%     |
| Third-Party Sugarcane (t) | 7,450,274    | 8,195,250    | 744,975        | 10.0%    |
| POL (%) - S. Total        | 13.56        | 13.07        | -0.48          | -3.6%    |
| ATR - S. Total            | 135.89       | 132.28       | -3.61          | -2.7%    |
| TCH - S. Total            | 75.38        | 80.60        | 5.22           | 6.9%     |
| Kg ATR/ha - S. Total      | 10,244       | 10,662       | 418.50         | 4.1%     |

| Production                  | HV 18/19 (R) | HV 19/20 (R) | Nominal Change | Change % |
|-----------------------------|--------------|--------------|----------------|----------|
| Equivalent Sugar (bg)       | 28,966,936   | 30,969,134   | 2,002,198      | 6.9%     |
| Total Sugar (bg)            | 14,803,865   | 16,007,877   | 1,204,012      | 8.1%     |
| VHP Sugar (t)               | 656,563      | 685,457      | 28,894         | 4.4%     |
| Raw Sugar (bg)              | 0            | 85,611       | 85,611         | 100.0%   |
| Crystal Sugar (bg)          | 1,672,611    | 2,213,136    | 540,525        | 32.3%    |
| Molasses (t)                | 52,405       | 61,000       | 8,594          | 16.4%    |
| Total Ethanol (m³)          | 418,568      | 440,324      | 21,756         | 5.2%     |
| Anhydrous (m <sup>3</sup> ) | 204,424      | 213,921      | 9,497          | 4.6%     |
| Hydrous (m <sup>3</sup> )   | 214,144      | 226,403      | 12,259         | 5.7%     |
| Energy (MWh)                | 583,449      | 599,150      | 15,702         | 2.7%     |

(Sc = 50 Kg/20 = tons)







Evolution of the Accumulated Average Productivity per Hectare (t/ha) - Own Sugarcane

| 86.7 90.2 |        | 92.4 91.1 | 88.4 89.0 |        | 81.8 81.0    | 78.3 78.7 | 76.8 78.5 | 76.3   | 76.1   | 76.3   | 75.5   |
|-----------|--------|-----------|-----------|--------|--------------|-----------|-----------|--------|--------|--------|--------|
| Apr/19    | May/19 | jun/19    | jul/19    | Aug/19 | Sep/19       | Oct/19    | nov/19    | Dec/19 | jan/20 | Feb/20 | mar/20 |
|           |        |           |           | TC     | H - HV 18/19 | TCH - HV  | 19/20     |        |        |        |        |

#### Evolution of the Accumulated Amount of Sugar per Hectare (ATR Kg/ha) - Own Sugarcane

|   | 10,214 | 10,852 | 11,515 | 11,377 | 11,147      | 10,905     | 10,400 | 10,070      | 10,056 | 10,038 | 9,969  | 9,797  |
|---|--------|--------|--------|--------|-------------|------------|--------|-------------|--------|--------|--------|--------|
|   | 9,819  | 10,400 | 10,438 | 10,482 | 10,418      | 10,023     | 9,867  | 9,897       |        |        |        |        |
| Г | Apr/19 | May/19 | jun/19 | jul/19 | Aug/19      | Sep/19     | Oct/19 | nov/19      | Dec/19 | jan/20 | Feb/20 | mar/20 |
|   |        |        |        | —— К   | G de ATR/ha | - HV 18/19 |        | ATR/ha - HV | 19/20  |        |        |        |



### Gross Revenue - (HV 18/19 x HV 19/20)

Gross Revenue- Accumulated Crop Results (April to November)

| Commercial - Volume           | HV 18/19 (R) | HV 19/20 (R) | Nominal Change | Change % |
|-------------------------------|--------------|--------------|----------------|----------|
| VOLUME                        |              |              |                |          |
| Sucrose Production - (bg)     | 18,903,553   | 21,187,905   | 2,284,352      | 12.1%    |
| Total Sugar - (bg)            | 9,749,131    | 10,072,290   | 323,159        | 3.3%     |
| VHP Sugar - (t)               | 436,029      | 453,521      | 17,493         | 4.0%     |
| Crystal Sugar - (bg)          | 1,028,559    | 1,001,865    | -26,694        | -2.6%    |
| Total Ethanol - (m³)          | 267,367      | 324,783      | 57,416         | 21.5%    |
| Anhydrous - (m <sup>3</sup> ) | 147,715      | 155,107      | 7,392          | 5.0%     |
| Hydrous - (m <sup>3</sup> )   | 119,652      | 169,676      | 50,024         | 41.8%    |
| Molasses - (t)                | 49,646       | 59,827       | 10,180         | 20.5%    |
| Energy Total - (MWh)          | 491,532      | 380,283      | -111,248       | -22.6%   |
| Contract Energy               | 253,319      | 328,093      | 74,774         | 29.5%    |
| Spot Energy                   | 238,212      | 52,190       | -186,022       | -78.1%   |

\* Within the volume of 491.532 for the 18/19 crop, resale of energy performed in the energy compensation chamber is included. If we purge these values we will reach a cogeneration of 355.501. Therefore, when we compare only the direct sales between one crop and another, we will have an increase of + 3.6% in the volume sold. (Sc = 50Kg/20 = tons)

**Commercial - Gross Price** HV 18/19 (R) HV 19/20 (R) **Nominal Change** Change % AVARAGE PRICE Sucrose Production - (R\$/bg) 57.66 60.38 2.72 4.7% 55.94 56.96 1.8% Total Sugar - (R\$/bg) 1.02 1,107.83 VHP Sugar - (R\$/t) 1,096.79 11.04 1.0% Crystal Sugar - (R\$/bg) 65.24 71.16 5.92 9.1% Total Ethanol - (R\$/m<sup>3</sup>) 2,067.51 1,946.70 120.81 6.2% Anhydrous - (R\$/m<sup>3</sup>) 1,919.51 2,042.23 122.71 6.4% 5.6% Hydrous - (R\$/m<sup>3</sup>) 1,980.26 2,090.62 110.36 17.0% Molasses - (R\$/t) 486.75 569.46 82.71 Energy Total - (R\$/MWh) 257.73 216.42 -41.31 -16.0% Contract Energy 207.24 220.53 13 6.4% Spot Energy 311.42 190.58 -121 -38.8%

| Commercial - Gross Revenues    | HV 18/19 (R) | HV 19/20 (R) | Nominal Change | Change % |
|--------------------------------|--------------|--------------|----------------|----------|
| REVENUES                       |              |              |                |          |
| Gross Revenue - (R\$ mil)      | 1,242,745    | 1,378,922    | 136,177        | 11.0%    |
| Sucrose Production - (R\$ mil) | 1,089,983    | 1,279,277    | 189,294        | 17.4%    |
| Total Sugar - (R\$ mil)        | 545,335      | 573,717      | 28,382         | 5.2%     |
| VHP Sugar - (R\$ mil)          | 478,232      | 502,427      | 24,194         | 5.1%     |
| Crystal Sugar - (R\$ mil)      | 67,103       | 71,290       | 4,187          | 6.2%     |
| Total Ethanol - (R\$ mil)      | 520,483      | 671,492      | 151,009        | 29.0%    |
| Anhydrous - (R\$ mil)          | 283,541      | 316,764      | 33,223         | 11.7%    |
| Hydrous - (R\$ mil)            | 236,942      | 354,728      | 117,786        | 49.7%    |
| Molasses - (R\$ mil)           | 24,165       | 34,069       | 9,903          | 41.0%    |
| Others - (R\$ mil)             | 26,080       | 17,344       | -8,736         | -33.5%   |
| Energy - (R\$ mil)             | 126,682      | 82,301       | -44,381        | -35.0%   |
| Contract Energy                | 52,497       | 72,354       | 19,857         | 37.8%    |
| Spot Energy                    | 74,185       | 9,947        | -64,238        | -86.6%   |

| Fixings Frame Suga | Fixings Frame Sugar VHP |         |      | Cents/lb | brl/ton |
|--------------------|-------------------------|---------|------|----------|---------|
|                    | Hedge Volume (t)        | 732,979 | 86%  | 13.15    | 1,159   |
| Harvest 2019/20    | Volume to be fixed (t)  | 122,487 | 14%  | 13.25    | 1,245   |
|                    | Total Production        | 855,466 | 100% | 13.17    | 1,171   |
|                    | Hedge Volume (t)        | 446,415 | 52%  | 14.20    | 1,321   |
| Harvest 2020/21    | Volume to be fixed (t)  | 418,719 | 48%  | 13.72    | 1,295   |
|                    | Total Production        | 865,134 | 100% | 13.97    | 1,308   |
|                    | Hedge Volume (t)        | 265,668 | 31%  | 14.47    | 1,410   |
| Harvest 2021/22    | Volume to be fixed (t)  | 599,507 | 69%  | 14.09    | 1,370   |
|                    | Total Production        | 865,175 | 100% | 14.21    | 1,382   |



Balance Sheet - Accumulated Crop Results (April to November)

|                                |              | С             | onsolida | ted Balance        | Sheets under BRGAAP                           |            |               |          |                    |
|--------------------------------|--------------|---------------|----------|--------------------|---|------------|---------------|----------|--------------------|
| ASSETS                         | ļ            | Amount (R\$ t | housand) |                    | LIABILITY                                     |            | Amount (R\$ t | housand) | )                  |
|                                | 2019/03/31 : | 2019/11/30    |          | Variation<br>(+ -) |   | 2019/03/31 | 2019/11/30    |          | Variation<br>(+ -) |
| Current                        | 1,294,904    | 1,676,532     | 29%      | 381,628            | Current                                       | 1,237,474  | 1,739,789     | 41%      | 502,31             |
| Cash, Banks and Applications   | 316,303      | 355,349       | 12%      | 39,046             | Suppliers                                     | 99,741     | 181,821       | 82%      | 82,08              |
| Accounts Receivable            | 96,948       | 104,369       | 8%       | 7,422              | Loans and Financing                           | 905,494    | 1,078,106     | 19%      | 172,61             |
| Readily Marketable Inventories | 30,895       | 272,843       | 783%     | 241,948            | Agricultural lease / partnership payable      | 0          | 73,177        | 100%     | 73,17              |
| Stock Semifinished             | 1,307        | 442           | -66%     | -865               | Taxes and Contributions                       | 29,443     | 19,744        | -33%     | -9,69              |
| Other Stocks                   | 7,490        | 130,853       | 1647%    | 123,363            | Advances from Customers                       | 72,686     | 270,964       | 273%     | 198,27             |
| Advences from suppliers        | 393,293      | 361,703       | -8%      | -31,590            | Labor Legislation Liabilities                 | 66,864     | 88,508        | 32%      | 21,64              |
| Warehouse                      | 52,879       | 66,850        | 26%      | 13,971             | Other Obligations                             | 7,859      | 27,470        | 250%     | 19,61              |
| Biological Assets              | 236,289      | 239,179       | 1%       | 2,890              | Third Party Stock                             | 55,387     | 0             | -100%    | -55,38             |
| Recoverable Taxes              | 122,492      | 100,312       | -18%     | -22,180            | Proposed dividends                            | 0          | 0             | 0%       |                    |
| Related Parties                | 0            | 0             | 0%       | 0                  |   |            |               |          |                    |
| Other Credits                  | 37,009       | 44,632        | 21%      | 7,623              |   |            |               |          |                    |
| Noncurrent                     | 4,143,147    | 5,243,736     | 27%      | 1,100,589          | Noncurrent                                    | 2,866,839  | 3,883,855     | 35%      | 1,017,01           |
| Long-term Receivables          | 2,908,043    | 3,129,445     | 8%       | 221,402            | Loans and Financing                           | 1,821,951  | 2,138,471     | 17%      | 316,52             |
| Financial investments          | 1,580        | 2,432         | 54%      | 852                | Agricultural lease / partnership payable      | 0          | 653,885       | 100%     | 653,88             |
| Advences from suppliers        | 65,795       | 126,175       | 92%      | 60,381             | Taxes and Contributions                       | 95,493     | 123,159       | 29%      | 27,66              |
| Related Parties                | 42,747       | 43,893        | 3%       | 1,146              | Provisions for Contingencies                  | 8,756      | 8,434         | -4%      | -32                |
| Recoverable Taxes              | 1,740        | 2,666         | 53%      | 926                | Provisions for Deferred Income Tax and Social | 593,420    | 591,923       | 0%       | -1,49              |
| Judicial Deposits              | 1,414        | 1,264         | -11%     | -150               | Advances from Customers Future Delivery       | 0          | 0             | 0%       |                    |
| Other Credits Receivable       | 2,794,766    | 2,953,015     | 6%       | 158,248            | Other Obligations                             | 347,217    | 367,984       | 6%       | 20,76              |
| Investments                    | 19,189       | 19,520        | 2%       | 331                | Net Equity                                    | 1,333,739  | 1,296,624     | -3%      | -37,11             |
| Fixed Assets                   | 1,215,322    | 1,364,388     | 12%      | 149,066            | Share Capital                                 | 408,845    | 408,845       | 0%       |                    |
| Intangible                     | 593          | 947           | 60%      | 354                | Shares in Treasury                            | -1,215     | -1,215        | 0%       |                    |
| Right of use                   | 0            | 729,436       | 100%     | 729,436            | Revaluation Reserve                           | 2,986      | 0             | -100%    | -2,98              |
| -                              |              |               |          |                    | Equity Adjustment                             | 105,293    | 95,275        | -10%     | -10,01             |
|                                |              |               |          |                    | Profit Reserves                               | 817,829    | 793,719       | -3%      | -24,11             |
| TOTAL ASSETS                   | 5,438,052    | 6,920,268     | 27%      | 1,482,216          | TOTAL LIABILITY                               | 5,438,052  | 6,920,268     | 27%      | 1,482,21           |

Dollar on March 2019 = 3.8964

Dollar on November 2019 = 4.2237

#### Income Statement - Accumulated Crop Results (April to November)

| Income Statement - BRGAAP                            | Amount<br>(R\$ thousand)<br>November/18 | %т     | Amount<br>(R\$ thousand)<br>November/19 | %Т     | Change R\$ | Change % |
|--|---|--------|---|--------|------------|----------|
| (+) Gross Sales Revenue                              | 1,247,395                               | 100.0% | 1,378,922                               | 100.0% | 131,527    | 10.5%    |
| (-) Deductions                                       | -74,138                                 | -5.9%  | -105,194                                | -7.6%  | 31,056     | 41.9%    |
| (=) Net Sales Revenue (A)                            | 1,173,257                               | 94.1%  | 1,273,728                               | 92.4%  | 100,471    | 8.6%     |
| (-) Cost of Goods Sold (B)                           | -635,902                                | -54.2% | -606,663                                | -47.6% | -29,239    | -4.6%    |
| (-) Depreciation, Amortization, Depletion            | -160,010                                | -13.6% | -229,782                                | -18.0% | 69,772     | 43.6%    |
| ( - ) Crop Treatment Amortization                    | -89,294                                 | -7.6%  | -85,367                                 | -6.7%  | -3,928     | -4.4%    |
| (=) Gross Profit                                     | 288,050                                 | 24.6%  | 351,916                                 | 27.6%  | 63,865     | 22.2%    |
| (-) Administrative Expenses (C)                      | -84,677                                 | -7.2%  | -82,885                                 | -6.5%  | -1,792     | -2.1%    |
| (-) Depreciation                                     | -2,714                                  | -0.2%  | -2,765                                  | -0.2%  | 51         | 1.9%     |
| (-) Expenses with Sales and Logistics (D)            | -71,535                                 | -6.1%  | -86,277                                 | -6.8%  | 14,741     | 20.6%    |
| (-) Depreciation                                     | -2,324                                  | -0.2%  | -2,371                                  | -0.2%  | 47         | 2.0%     |
| (=) Operating Income - Before Income / Expenses      | 126,800                                 | 10.8%  | 177,618                                 | 13.9%  | 50,818     | 40.1%    |
| (±) Other Operating Income and Expenses (E)          | 34,919                                  | 3.0%   | 12,627                                  | 1.0%   | -22,292    | -63.8%   |
| (±) Other Depreciation, Loss of Permanent Assets     | -15,993                                 | -1.4%  | -11,505                                 | -0.9%  | -4,489     | -28.1%   |
| (±) Equity   | -11                                     | 0.0%   | 837                                     | 0.1%   | 848        | 7741.5%  |
| (=) Operating Profit                                 | 145,715                                 | 12.4%  | 179,577                                 | 14.1%  | 33,863     | 23.2%    |
| (±) Net Financial ex Foreign Exchange                | -208,140                                | -17.7% | -161,237                                | -12.7% | -46,903    | -22.5%   |
| (±) Exchange Rates                                   | -189,908                                | -16.2% | -108,150                                | -8.5%  | -81,758    | -43.1%   |
| (=) Income Before income tax and social contribution | -252,333                                | -21.5% | -89,810                                 | -7.1%  | 162,523    | -64.4%   |
| (-) Income Tax and Social Contribution               | 96,913                                  | 8.3%   | -2,692                                  | -0.2%  | -99,604    | -102.8%  |
| Net Income / Loss                                    | -155,421                                | -13.2% | -92,502                                 | -7.3%  | 62,919     | -40.5%   |
| EBITDA (F)=(A+B+C+D+E)                               | 416,050                                 | 35.5%  | 511,367                                 | 40.1%  | 95,316     | 22.9%    |
| Variation of Biological Assets (G)                   | 25,734                                  |        | -3,854                                  |        | -29,588    | -115.0%  |
| IFRS Effects Adjustment 16 (H)                       | 0                                       |        | -90,295                                 |        | -90,295    | -100.0%  |
| ADJUSTED EBITDA (I)=(F+G+H)                          | 441,784                                 | 37.7%  | 417,218                                 | 32.8%  | -24,566    | -5.6%    |
| Gross Debt   | 2,951,804                               |        | 3,216,577                               |        | 264,772    | 9.0%     |
| Net Debt   | 2,654,064                               |        | 2,858,796                               |        | 204,732    | 7.7%     |
| Readily Marketable Inventories                       | 401,043                                 |        | 273,284                                 |        | -127,759   | -31.9%   |
| Net Debt Stocks                                      | 2,253,021                               |        | 2,585,511                               |        | 332,491    | 14.8%    |

Dollar on November 2018 = 3.8630

Dollar on March 2019 = 3.8964





Net Financial Reconciliation - Accumulated Crop Results (April to November)

|     | Opening of Net Financial and Foreign Exchange    | Amount<br>(R\$ thousand)<br>November/18 | Amount<br>(R\$ thousand)<br>November/19 |
|-----|--|---|---|
| (=) | NET FINANCIAL                                    | -208,140                                | -161,237                                |
| (+) | Correction IAA                                   | 29,141                                  | 162,873                                 |
| (-) | Provision Pis / Cofins referring to IAA / 4870   | 0                                       | -28,340                                 |
| (-) | Attorney's fees related to Provision IAA/4870    | 0                                       | -277                                    |
| (+) | Interest on Mutual Loan                          | 3,338                                   | 1,026                                   |
| (+) | Income from Investments                          | 11,180                                  | 6,709                                   |
| (+) | Interest (CPC 06)                                | 0                                       | -52,155                                 |
| (±) | Other Financial Expenses / Income                | -28,900                                 | -49,702                                 |
| (-) | Interest on loans                                | -185,273                                | -180,994                                |
| (±) | Gains and Losses, Net of Derivative Transactions | -37,624                                 | -20,375                                 |
| (=) | EXCHANGE VARIATION                               | -189,908                                | -108,150                                |

#### Dollar on November 2018 = 3.8630

#### Dollar on March 2019 = 3.8964

#### Dollar on November 2019 = 4.2237

\*The IAA credit update growth is due to two factors: 1) correction rate variation (IPCA-E + 6% pa) in November 2019 the accumulated IPCA-E index was 1.57% correction, in the same period of the previous crop in November 2018 the rate was 3.09%, 2) In December 2018 the company updated the provision of IAA / Lei 4870 credits in the amount of R \$ 1.7 BI.

#### Capex and Depreciation - Accumulated Crop Results (April to November)

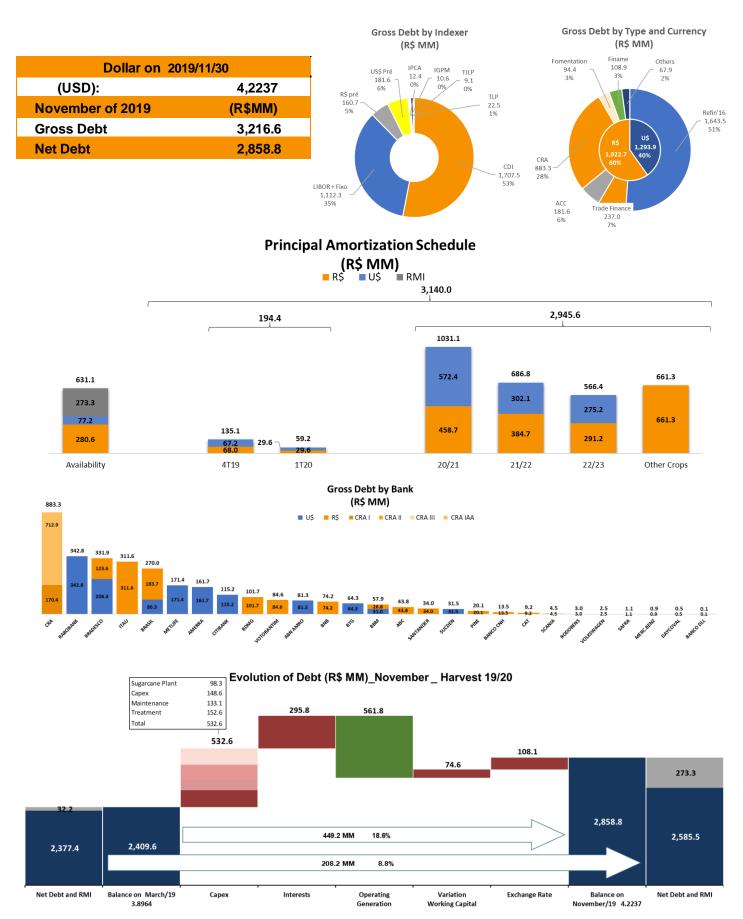
|  | BRGAAP                       |           |                                   |              |           |                  |                                    |  |  |  |
|--|------------------------------|-----------|-----------------------------------|--------------|-----------|------------------|------------------------------------|--|--|--|
| Group of Accounts                      | Balance in<br>March 31, 2019 | Additions | Disposals<br>and/or<br>Write-offs | Depreciation | Transfers | Reclassification | Balance in<br>November 30,<br>2019 |  |  |  |
| Aircraft                               | 777                          | 0         | 0                                 | -135         | 0         | 0                | 642                                |  |  |  |
| Facilities, Buildings and Improvements | 285,747                      | 7,764     | 0                                 | -13,753      | 11,799    | 0                | 291,557                            |  |  |  |
| Furniture and Utensiles                | 8,549                        | 2,912     | -4                                | -1,395       | 510       | 0                | 10,572                             |  |  |  |
| Machinery, Vehicles and Implements     | 490,638                      | 68,913    | -7,207                            | -40,753      | 6,274     | 0                | 517,865                            |  |  |  |
| Common Replacement Parts and Itens     | 79,239                       | 152,565   | 0                                 | -120,199     | 5,463     | 0                | 117,068                            |  |  |  |
| Land and Properties                    | 19,457                       | 336       | -13                               | 0            | 0         | 0                | 19,780                             |  |  |  |
| Fixed Asset in Progress                | 27,174                       | 68,638    | 0                                 | 0            | -24,045   | -468             | 71,298                             |  |  |  |
| Advance to Suppliers                   | 0                            | 0         | 0                                 | 0            | 0         | 0                | 0                                  |  |  |  |
| Total Capex                            | 911,580                      | 301,129   | -7,224                            | -176,235     | 0         | -468             | 1,028,782                          |  |  |  |
| Sugarcane Crops                        | 303,742                      | 98,260    | -2,070                            | 0            | 0         | -64,326          | 335,606                            |  |  |  |
| Treatment of Sugacane Cultivation      | 0                            | 0         | 0                                 | 0            | 0         | 0                | 0                                  |  |  |  |
| Total Plant Carrier                    | 303,742                      | 98,260    | -2,070                            | 0            | 0         | -64,326          | 335,606                            |  |  |  |
| Sugacane Cultivation                   | 103,941                      | 0         | -2,211                            | -76,249      | 2,128     | 64,326           | 91,935                             |  |  |  |
| Fair value change                      | -19,269                      | 0         | 0                                 | 0            | -2,128    | 3,854            | -17,543                            |  |  |  |
| Treatment of Sugacane Cultivation      | 151,617                      | 133,127   | 0                                 | -119,958     | 0         | 0                | 164,786                            |  |  |  |
| Total Biological Assets in Current     | 236,289                      | 133,127   | -2,211                            | -196,206     | 0         | 68,180           | 239,179                            |  |  |  |
| Intangible                             | 593                          | 52        | 0                                 | -166         | 0         | 468              | 947                                |  |  |  |
| Grand Total                            | 1,452,204                    | 532,567   | -11,505                           | -372,607     | 0         | 3,854            | 1,604,513                          |  |  |  |

| DEPRECIATION - DEPLETION - AMORTIZATION       | Amount<br>(R\$ thousand)<br>November/19 |
|---|---|
| Depreciation, Treatment and Depletion in COGS | -266,239                                |
| Depreciation in the Administrative            | -2,765                                  |
| Depreciation in the Commercial                | -2,371                                  |
| Total Depreciation - Income Statement         | -271,375                                |
| Stock Depreciation                            | -101,232                                |
| Total Depreciation                            | -372,607                                |



### Indebtednes

Indebtednes Analysis - Accumulated Crop Results (November - 2019)



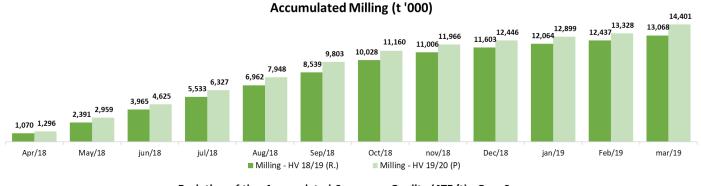


Harvest Projections 2019/20 (March- 2020) - GUIDANCE

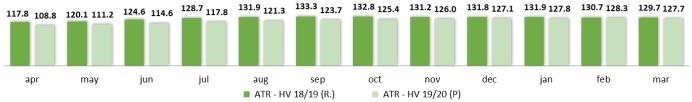
| Sugarcane Total           | HV 18/19(R) | HV 19/20 (P) | Nominal Change | Change % |
|---------------------------|-------------|--------------|----------------|----------|
| Raw Material              | 13,068,213  | 14,400,520   | 1,332,307      | 10.2%    |
| Own Sugarcane (t)         | 4,844,092   | 5,346,265    | 502,173        | 10.4%    |
| Third-Party Sugarcane (t) | 8,224,121   | 9,054,255    | 830,134        | 10.1%    |
| POL (%) - S. Total        | 13.50       | 13.20        | -0.30          | -2.2%    |
| ATR - S. Total            | 135.02      | 132.26       | -2.76          | -2.0%    |
| TCH - S. Total            | 74.51       | 77.93        | 3.42           | 4.6%     |

| Production                  | HV 18/19 (R.) | HV 19/20 (P) | Nominal Change | Change % |
|-----------------------------|---------------|--------------|----------------|----------|
| Equivalent Sugar (bg)       | 33,891,120    | 37,039,238   | 3,148,118      | 9.3%     |
| Total Sugar (bg)            | 17,984,039    | 19,912,507   | 1,928,468      | 10.7%    |
| VHP Sugar (t)               | 800,861       | 877,391      | 76,530         | 9.6%     |
| Raw Sugar (Sc)              | 87,683        | 151,551      | 63,868         | 72.8%    |
| Crystal Sugar (bg)          | 1,879,137     | 2,213,136    | 333,999        | 17.8%    |
| Molasses (t)                | 52,405        | 63,537       | 11,132         | 21.2%    |
| Total Ethanol (m³)          | 472,342       | 506,062      | 33,720         | 7.1%     |
| Anhydrous (m <sup>3</sup> ) | 239,310       | 256,429      | 17,119         | 7.2%     |
| Hydrous (m <sup>3</sup> )   | 233,031       | 249,633      | 16,601         | 7.1%     |
| Energy (MWh)                | 642,364       | 720,251      | 77,886         | 12.1%    |

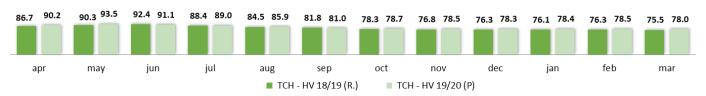
(Sc = 50 Kg/20 = tons)



Evolution of the Accumulated Sugarcane Quality (ATR/t) - Own Sugarcane



Evolution of the Accumulated Average Productivity per Hectare (t/ha) - Own Sugarcane



#### Evolution of the Accumulated Amount of Sugar per Hectare (ATR Kg/ha) - Own Sugarcane

| 10,214 | 10,852                               | 11,515 | 11,377 | 11,147 | 10,905 | 10,400 | 10,070                         | 10,056 | 10,019 | 10,068 | 9,958 |
|--------|--------------------------------------|--------|--------|--------|--------|--------|--------------------------------|--------|--------|--------|-------|
| 9,819  | 10,401                               | 10,437 | 10,483 | 10,417 | 10,018 | 9,863  | 9,891                          | 9,952  | 10,038 | 9,969  | 9,797 |
| apr    | may                                  | jun    | jul    | aug    | sep    | oct    | nov                            | dec    | jan    | feb    | mar   |
|        | <b></b> KG de ATR/ha - HV 18/19 (R.) |        |        |        |        |        | —— KG de ATR/ha - HV 19/20 (P) |        |        |        |       |



Harvest Projections 2019/20 (March- 2020) - GUIDANCE

| Commercial - Volume             | HV 18/19 (R) | HV 19/20 (P) | Nominal Change | Change %      |
|---------------------------------|--------------|--------------|----------------|---------------|
| VOLUME                          |              |              |                |               |
| Sucrose Production - (Sc)       | 34,474,687   | 36,368,574   | 1,893,887      | 5.5%          |
| Total Sugar - (sc)              | 18,696,911   | 19,590,896   | 893,984        | 4.8%          |
| VHP Sugar - (t)                 | 828,531      | 861,850      | 33,320         | 4.0%          |
| Crystal Sugar - (sc)            | 2,126,300    | 2,353,887    | 227,587        | 10.7%         |
| Total Ethanol - (m³)            | 470,822      | 498,016      | 27,194         | 5.8%          |
| Anhydrous - (m <sup>3</sup> )   | 244,406      | 250,437      | 6,031          | 2.5%          |
| Hydrous - (m <sup>3</sup> )     | 226,416      | 247,579      | 21,164         | 9.3%          |
| Molasses - (t)                  | 52,196       | 64,317       | 12,121         | 23.2%         |
| Energy* - (MWh)                 | 510,330      | 400,105      | -110,225       | -21.6%        |
| (Sc = 50Kg/20 = tons)           |              |              |                |               |
| Commercial - Gross Price        | HV 18/19 (R) | HV 19/20 (P) | Nominal Change | Change %      |
| AVARAGE PRICE                   |              |              |                |               |
| Sucrose Production - (R\$/Sc)   | 58.55        | 62.20        | 3.65           | 6.2%          |
| Total Sugar - (R\$/Sc)          | 56.70        | 58.42        | 1.71           | 3.0%          |
| VHP Sugar - (R\$/t)             | 1,106.07     | 1,132.27     | 26.21          | 2.4%          |
| Crystal Sugar - (R\$/sc)        | 67.61        | 71.63        | 4.02           | 5.9%          |
| Total Ethanol - (R\$/m³)        | 1,981.73     | 2,170.61     | 188.88         | 9.5%          |
| Anhydrous - (R\$/m³)            | 1,950.99     | 2,154.12     | 203.13         | 10.4%         |
| Hydrous - (R\$/m <sup>3</sup> ) | 2,014.92     | 2,187.29     | 172.37         | 8.6%          |
| Molasses - (R\$/t)              | 482.77       | 569.75       | 86.97          | 18.0%         |
| Energy* - (R\$/MWh)             | 261.36       | 228.57       | -32.79         | -12.5%        |
| Commercial - Gross Revenues     | HV 18/19 (R) | HV 19/20 (P) | Nominal Change | Change %      |
|                                 | HV 10/19 (K) | HV 19/20 (P) | Nominal Change | Change 76     |
| REVENUES                        | 0.475.045    | 0.050.554    | 477 600        | 0.04          |
| Gross Revenue - (R\$ mil)       | 2,175,945    | 2,353,554    | 177,609        | 8.2%          |
| Sucrose Production - (R\$ mil)  | 2,018,416    | 2,262,102    | 243,685        | 12.1%<br>8.0% |
| Total Sugar - (R\$ mil)         | 1,060,174    | 1,144,460    | <b>84,285</b>  |               |
| VHP Sugar - (R\$ mil)           | 916,412      | 975,851      | 59,439         | 6.5%          |
| Crystal Sugar - (R\$ mil)       | 143,762      | 168,608      | 24,846         | 17.3%         |
| Total Ethanol - (R\$ mil)       | 933,043      | 1,080,998    | 147,954        | 15.9%         |

| VHP Sugar - (R\$ IIII)    | 910,412 | 975,851   | 59,439  | 0.5%    |
|---------------------------|---------|-----------|---------|---------|
| Crystal Sugar - (R\$ mil) | 143,762 | 168,608   | 24,846  | 17.3%   |
| Total Ethanol - (R\$ mil) | 933,043 | 1,080,998 | 147,954 | 15.9%   |
| Anhydrous - (R\$ mil)     | 476,835 | 539,470   | 62,636  | 13.1%   |
| Hydrous - (R\$ mil)       | 456,209 | 541,528   | 85,319  | 18.7%   |
| Molasses - (R\$ mil)      | 25,199  | 36,644    | 11,445  | 45.4%   |
| Energy* - (R\$ mil)       | 133,380 | 91,453    | -41,927 | -31%    |
| Others - (R\$ mil)        | 24,149  | 0         | -24,149 | -100.0% |

\* Energy line has volume, prices and Revenues (Mill and Energetic)

## **Notes**



Harvest Projections 2019/20 (March- 2020) - GUIDANCE

|       | Income Statement - BRGAAP                        | HV 18/19 (R) | %Т     | HV 19/20 (P) | %Т     | Change R\$ | Change % |
|-------|--|--------------|--------|--------------|--------|------------|----------|
| (+)   | Gross Sales Revenue                              | 2,175,945    | 100.0% | 2,353,554    | 100.0% | 177,609    | 8.2%     |
| (-)   | Deductions                                       | -122,052     | -5.6%  | -140,313     | -6.0%  | 18,261     | 15.0%    |
| (=)   | Net Sales Revenue (A)                            | 2,053,893    | 94.4%  | 2,213,242    | 94.0%  | 159,348    | 7.8%     |
| (-)   | Cost of Goods Sold (B)                           | -1,123,130   | -54.7% | -1,110,584   | -50.2% | -12,546    | -1.1%    |
| (-)   | Depreciation, Amortization, Depletion            | -314,275     | -15.3% | -303,176     | -13.7% | -11,099    | -3.5%    |
| (-)   | Crop Treatment Amortization                      | -174,562     | -8.5%  | -160,843     | -7.3%  | -13,719    | -7.9%    |
| (=)   | Gross Profit                                     | 441,927      | 21.5%  | 638,638      | 28.9%  | 196,711    | 44.5%    |
| (-)   | Administrative Expenses (C)                      | -123,406     | -6.0%  | -127,726     | -5.8%  | 4,320      | 3.5%     |
| (-)   | Depreciation                                     | -4,065       | -0.2%  | -3,829       | -0.2%  | -236       | -5.8%    |
| (-)   | Expenses with Sales and Logistics (D)            | -93,266      | -4.5%  | -124,091     | -5.6%  | 30,825     | 33.1%    |
| (-)   | Depreciation                                     | -3,509       | -0.2%  | -2,834       | -0.1%  | -675       | -19.2%   |
| (=)   | Operating Income - Before Income / Expenses      | 217,681      | 10.6%  | 380,157      | 17.2%  | 162,476    | 74.6%    |
| (±)   | Other Operating Income and Expenses (E)          | 81,937       | 4.0%   | 54,260       | 2.5%   | -27,677    | -33.8%   |
| (±)   | Other Depreciation, Loss of Permanent Assets     | -24,181      | -1.2%  | 0            | 0.0%   | 24,181     | -100.0%  |
| (±)   | Equity   | 1,221        | 0.1%   | 1,221        | 0.1%   | 0          | 0.0%     |
| (=)   | Operating Profit                                 | 276,658      | 13.5%  | 435,638      | 19.7%  | 158,980    | 57.5%    |
| (±)   | Net Financial ex Foreign Exchange                | 314,098      | 15.3%  | -152,817     | -6.9%  | -466,915   | -148.7%  |
| (±)   | Exchange Rates                                   | -199,368     | -9.7%  | -53,760      | -2.4%  | 145,608    | -73.0%   |
| ( = ) | Income Before income tax and social contribution | 391,388      | 19.1%  | 229,061      | 10.3%  | -162,327   | -41.5%   |
| (-)   | Income Tax and Social Contribution               | -146,607     | -7.1%  | -69,765      | -3.2%  | 76,842     | -52.4%   |
|       | Net Income / Loss                                | 244,781      | 11.9%  | 159,296      | 7.2%   | -85,485    | -34.9%   |
|       | EBITDA (F)=(A+B+C+D+E)                           | 797,249      | 38.8%  | 906,322      | 40.9%  | 109,072    | 13.7%    |
|       | Variation of Biological Assets (G)               | 19,269       |        | 0            |        | -19,269    | -100.0%  |
|       | Gains / losses on derivatives on exports (H)     | 0            |        | 0            |        | 0          | -100.0%  |
|       | ADJUSTED EBITDA (I)=(F+G+H)                      | 816,518      | 39.8%  | 906,322      | 40.9%  | 89,803     | 11.0%    |

## Notes

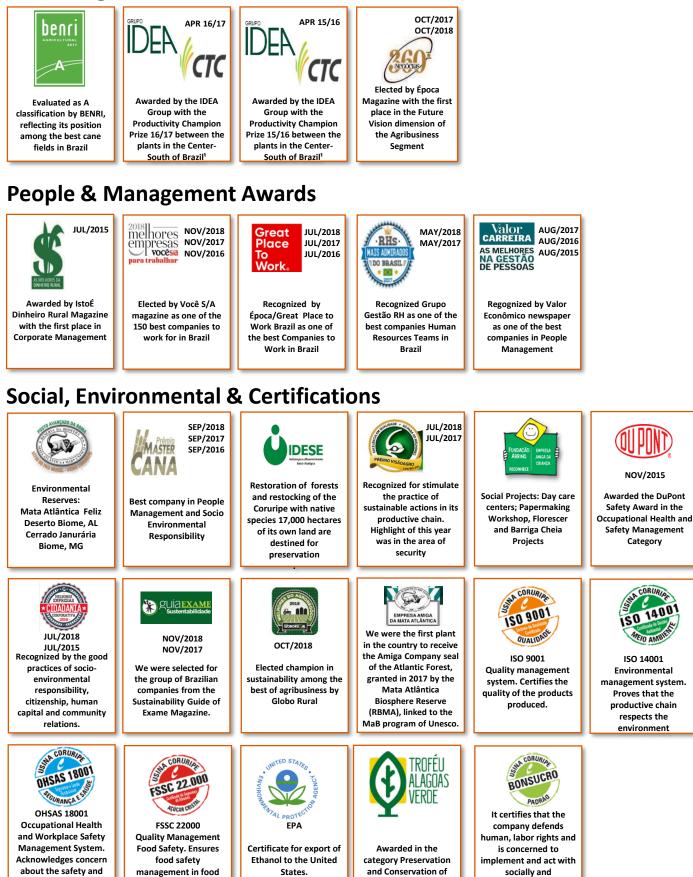


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