

2018 SUGARCANE GROWTH MEASUREMENT DATA  
 USDA-ARS, SUGARCANE RESEARCH UNIT  
 ARDOYNE FARM, HOUMA, LOUISIANA

Growth Measurement No. 10

Growth from 5/30/2018-6/5/2018

|  |                   |       |
|--|-------------------|-------|
| Average growth (inches) this week Plant-Cane               | HoCP 96-540 ..... | 5.55  |
|  | L 01-283 .....    | 8.05  |
|  | L 01-299 .....    | 4.60  |
|  | HoCP 04-838 ..... | 4.45  |
| Average growth (inches) this week 1 <sup>st</sup> -Stubble | HoCP 96-540 ..... | 7.55  |
|  | L 01-283 .....    | 8.45  |
|  | L 01-299 .....    | 4.65  |
|  | HoCP 04-838 ..... | 5.20  |
| Average growth (inches) to date Plant-Cane                 | HoCP 96-540 ..... | 18.45 |
|  | L 01-283 .....    | 26.45 |
|  | L 01-299 .....    | 15.90 |
|  | HoCP 04-838 ..... | 15.85 |
| Average growth (inches) to date 1 <sup>st</sup> -Stubble   | HoCP 96-540 ..... | 22.80 |
|  | L 01-283 .....    | 27.15 |
|  | L 01-299 .....    | 16.80 |
|  | HoCP 04-838 ..... | 17.00 |

**For week of 5/30/2018-6/5/2018**

| Average Height and Growth (in Inches) for L 01-299 |                   |                    |                   |                    |
|--|-------------------|--------------------|-------------------|--------------------|
| Year   | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2018   | 4.60              | 4.65               | 15.90             | 16.80              |
| 2017   | 7.78              | 7.25               | 28.15             | 32.20              |
| 2016   | 7.85              | 9.20               | 32.75             | 29.30              |
| 2015   | 7.10              | 5.25               | 37.80             | 25.30              |
| 2014   | 2.10              | 2.65               | 8.90              | 11.00              |
| 2013   | 3.00              | 2.95               | 12.45             | 10.30              |
| 2012   | 4.90              | 7.10               | 32.75             | 46.70              |
| Avg.   | 5.33              | 5.58               | 24.10             | 24.51              |

**2018 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA**

For week of 05/29 to 06/04

| <b>Year</b> | <b>Max Air Temp</b> | <b>Min Air Temp</b> | <b>Avg. High Temp</b> | <b>Avg. Low Temp</b> | <b>Rain for week</b> |
|-------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2018        | 92                  | 71                  | 90.0                  | 73.4                 | 0.00                 |
| 2017        | 87                  | 67                  | 83.8                  | 70.1                 | 6.97                 |
| 2016        | 89                  | 67                  | 86.8                  | 69.8                 | 3.27                 |
| 2015        | 91                  | 68                  | 87.8                  | 69.6                 | 0.36                 |
| 2014        | 85                  | 69                  | 82.7                  | 70.8                 | 2.59                 |
| 2013        | 92                  | 68                  | 87.7                  | 71.8                 | 0.98                 |
| 2012        | 90                  | 61                  | 88.2                  | 67.7                 | 0.37                 |
| 2011        | 100                 | 66                  | 95.1                  | 69.3                 | 0.00                 |
| 2010        | 91                  | 69                  | 86.6                  | 71.0                 | 1.80                 |
| 2009        | 92                  | 64                  | 86.6                  | 67.6                 | 0.59                 |
| 2008        | 92                  | 66                  | 89.7                  | 70.9                 | 0.00                 |
| 2007        | 88                  | 64                  | 84.7                  | 67.9                 | 2.62                 |
| Avg.        | 91                  | 67                  | 87.5                  | 70.0                 | 1.63                 |

Rainfall total for 2018 (inches)..... 18.27