

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

Growth Measurement No. 19

Growth from 8/1/2018 – 8/7/2018

|  |                   |       |
|--|-------------------|-------|
| Average growth (inches) this week Plant-Cane               | HoCP 96-540 ..... | 4.80  |
|  | L 01-283 .....    | 3.25  |
|  | L 01-299 .....    | 4.90  |
|  | HoCP 04-838 ..... | 5.35  |
| Average growth (inches) this week 1 <sup>st</sup> -Stubble | HoCP 96-540 ..... | 4.80  |
|  | L 01-283 .....    | 2.35  |
|  | L 01-299 .....    | 4.65  |
|  | HoCP 04-838 ..... | 4.90  |
| Average growth (inches) to date Plant-Cane                 | HoCP 96-540 ..... | 85.60 |
|  | L 01-283 .....    | 79.25 |
|  | L 01-299 .....    | 74.45 |
|  | HoCP 04-838 ..... | 77.50 |
| Average growth (inches) to date 1 <sup>st</sup> -Stubble   | HoCP 96-540 ..... | 88.25 |
|  | L 01-283 .....    | 77.75 |
|  | L 01-299 .....    | 78.50 |
|  | HoCP 04-838 ..... | 78.95 |

**For week of 8/1/2018 – 8/7/2018**

| Average Height and Growth (in Inches) for L 01-299 |                   |                    |                   |                    |
|--|-------------------|--------------------|-------------------|--------------------|
| Year   | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2018   | 4.90              | 4.65               | 74.45             | 78.50              |
| 2017   | 5.60              | 5.00               | 86.00             | 86.85              |
| 2016   | 5.70              | 5.40               | 99.85             | 89.40              |
| 2015   | 6.50              | 7.40               | 97.40             | 80.65              |
| 2014   | 6.30              | 6.60               | 71.05             | 73.70              |
| 2013   | 7.00              | 7.30               | 84.65             | 75.55              |
| 2012   | 5.95              | 5.65               | 93.25             | 102.25             |
| Avg.   | 5.99              | 6.00               | 86.66             | 83.84              |

**2018 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA**

For week of 07/31 to 08/06

| <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        | 89                  | 70                  | 87.4                  | 71.4                 | 2.69                 |
| 2017        | 93                  | 70                  | 89.5                  | 72.2                 | 6.28                 |
| 2016        | 96                  | 73                  | 92.3                  | 74.3                 | 2.69                 |
| 2015        | 98                  | 70                  | 93.3                  | 73.7                 | 2.24                 |
| 2014        | 96                  | 68                  | 91.7                  | 72.1                 | 1.47                 |
| 2013        | 95                  | 73                  | 92.6                  | 74.6                 | 0.36                 |
| 2012        | 94                  | 72                  | 91.7                  | 75.1                 | 2.07                 |
| 2011        | n/a                 | n/a                 | n/a                   | n/a                  | n/a                  |
| 2010        | 103                 | 74                  | 96.6                  | 76.7                 | 0.69                 |
| 2009        | 95                  | 72                  | 93.1                  | 74.7                 | 0.32                 |
| 2008        | 96                  | 73                  | 89.1                  | 74.1                 | 2.01                 |
| 2007        | 94                  | 73                  | 91.0                  | 73.4                 | 2.10                 |
| Avg.        | 95                  | 72                  | 91.7                  | 73.8                 | 2.08                 |

Rainfall total for 2018 (inches)..... 33.58