

2019 SUGARCANE GROWTH MEASUREMENT DATA
 USDA-ARS, SUGARCANE RESEARCH UNIT
 ARDOYNE FARM, HOUMA, LOUISIANA

Growth Measurement No. 16

Growth from 7/9/2019 – 7/15/2019

| | | |
|--|-------------------|-------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | 4.61 |
| | L 01-299 | 3.94 |
| | HoCP 04-838 | 4.11 |
| | HoCP 09-804 | 4.28 |
| Average growth (inches) this week 1 st -Stubble | HoCP 96-540 | 4.45 |
| | L 01-299 | 4.40 |
| | HoCP 04-838 | 4.50 |
| | HoCP 09-804 | 4.20 |
| Average growth (inches) to date Plant-Cane | HoCP 96-540 | 72.30 |
| | L 01-299 | 72.35 |
| | HoCP 04-838 | 64.95 |
| | HoCP 09-804 | 78.40 |
| Average growth (inches) to date 1 st -Stubble | HoCP 96-540 | 54.30 |
| | L 01-299 | 51.95 |
| | HoCP 04-838 | 49.15 |
| | HoCP 09-804 | 60.05 |

For week of 7/9/2019 – 7/15/2019

| Average Height and Growth (in Inches) for L 01-299 | | | | |
|--|-------------------|--------------------|-------------------|--------------------|
| Year | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2019 | 3.94 | 4.40 | 72.35 | 51.95 |
| 2018 | 5.95 | 6.30 | 59.20 | 61.75 |
| 2017 | 5.35 | 5.15 | 68.70 | 70.90 |
| 2016 | 5.05 | 5.30 | 81.50 | 71.80 |
| 2015 | 7.10 | 5.35 | 79.90 | 64.15 |
| 2014 | 7.25 | 6.95 | 52.00 | 53.90 |
| 2013 | 7.60 | 6.25 | 65.45 | 51.25 |
| Avg. | 6.03 | 5.67 | 68.44 | 60.81 |

2019 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA

For week of 07/09 to 07/15

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|-------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2019 | 97 | 71 | 86.4 | 74.5 | 4.24 |
| 2018 | 92 | 70 | 90.0 | 72.1 | 0.92 |
| 2017 | 93 | 71 | 90.7 | 72.6 | 2.47 |
| 2016 | 94 | 70 | 92.3 | 72.2 | 2.70 |
| 2015 | 94 | 72 | 93.3 | 73.2 | 0.85 |
| 2014 | 95 | 70 | 90.8 | 72.1 | 3.62 |
| 2013 | 94 | 71 | 90.1 | 72.2 | 0.68 |
| 2012 | 91 | 70 | 87.4 | 71.6 | 4.59 |
| 2011 | n/a | n/a | n/a | n/a | n/a |
| 2010 | 95 | 72 | 91.9 | 74.1 | 0.00 |
| Avg. | 94 | 71 | 90.3 | 72.7 | 2.23 |

Rainfall total for 2019 (inches)..... 32.00