

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

Growth Measurement No. 12

Growth from 6/11/2019 – 6/17/2019

| | | |
|------------------------------------------------------------|-------------------|-------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | 6.83 |
| | L 01-299 | 8.95 |
| | HoCP 04-838 | 8.45 |
| | HoCP 09-804 | 8.85 |
| Average growth (inches) this week 1 st -Stubble | HoCP 96-540 | 7.25 |
| | L 01-299 | 8.28 |
| | HoCP 04-838 | 5.72 |
| | HoCP 09-804 | 7.17 |
| Average growth (inches) to date Plant-Cane | HoCP 96-540 | 43.20 |
| | L 01-299 | 49.85 |
| | HoCP 04-838 | 43.00 |
| | HoCP 09-804 | 55.45 |
| Average growth (inches) to date 1 st -Stubble | HoCP 96-540 | 32.85 |
| | L 01-299 | 28.60 |
| | HoCP 04-838 | 24.05 |
| | HoCP 09-804 | 36.50 |

For week of 6/11/2019 – 6/17/2019

| Average Height and Growth (in Inches) for L 01-299 | | | | |
|----------------------------------------------------|-------------------|--------------------|-------------------|--------------------|
| Year | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2019 | 8.95 | 8.28 | 49.85 | 28.60 |
| 2018 | 6.95 | 7.65 | 28.65 | 31.40 |
| 2017 | 8.20 | 7.95 | 43.45 | 47.00 |
| 2016 | 8.60 | 8.50 | 56.45 | 45.50 |
| 2015 | 6.65 | 6.45 | 51.50 | 38.35 |
| 2014 | 5.50 | 4.85 | 19.65 | 22.00 |
| 2013 | 6.70 | 7.65 | 25.55 | 23.30 |
| Avg. | 7.36 | 7.33 | 39.30 | 33.74 |

2019 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA

For week of 06/11 to 06/17

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|-------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2019 | 91 | 63 | 89.1 | 68.9 | 0.56 |
| 2018 | 89 | 70 | 87.9 | 71.2 | 1.92 |
| 2017 | 91 | 71 | 88.1 | 73.0 | 1.74 |
| 2016 | 93 | 73 | 90.7 | 74.5 | 0.42 |
| 2015 | 89 | 71 | 87.6 | 73.2 | 0.10 |
| 2014 | 89 | 66 | 87.6 | 69.5 | 1.50 |
| 2013 | 94 | 72 | 90.7 | 74.4 | 1.07 |
| 2012 | 89 | 67 | 86.9 | 70.1 | 1.97 |
| 2011 | n/a | n/a | n/a | n/a | n/a |
| 2010 | 95 | 73 | 92.7 | 75.1 | 3.32 |
| Avg. | 91 | 70 | 89.0 | 72.2 | 1.40 |

Rainfall total for 2019 (inches)..... 26.38