

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

Growth Measurement No. 11

Growth from 6/6/2018-6/12/2018

| | | |
|------------------------------------------------------------|-------------------|-------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | 5.61 |
| | L 01-283 | 7.90 |
| | L 01-299 | 5.83 |
| | HoCP 04-838 | 6.29 |
| Average growth (inches) this week 1 st -Stubble | HoCP 96-540 | 7.60 |
| | L 01-283 | 7.60 |
| | L 01-299 | 6.55 |
| | HoCP 04-838 | 5.85 |
| Average growth (inches) to date Plant-Cane | HoCP 96-540 | 24.70 |
| | L 01-283 | 34.35 |
| | L 01-299 | 21.70 |
| | HoCP 04-838 | 22.14 |
| Average growth (inches) to date 1 st -Stubble | HoCP 96-540 | 30.40 |
| | L 01-283 | 34.75 |
| | L 01-299 | 23.75 |
| | HoCP 04-838 | 22.85 |

For week of 6/6/2018-6/12/2018

| Average Height and Growth (in Inches) for L 01-299 | | | | |
|----------------------------------------------------|-------------------|--------------------|-------------------|--------------------|
| Year | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2018 | 5.83 | 6.55 | 21.70 | 23.75 |
| 2017 | 7.10 | 6.85 | 35.25 | 39.05 |
| 2016 | 8.05 | 7.70 | 47.85 | 37.00 |
| 2015 | 7.05 | 6.60 | 44.85 | 31.90 |
| 2014 | 4.44 | 5.39 | 14.15 | 17.15 |
| 2013 | 6.40 | 4.60 | 18.85 | 14.90 |
| 2012 | 7.00 | 7.75 | 41.85 | 54.45 |
| Avg. | 6.55 | 6.49 | 32.07 | 31.17 |

2018 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA

For week of 06/05 to 06/11

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|-------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2018 | 92 | 68 | 89.2 | 68.8 | 3.04 |
| 2017 | 88 | 63 | 85.8 | 68.1 | 3.55 |
| 2016 | 93 | 70 | 89.8 | 72.5 | 0.40 |
| 2015 | 93 | 66 | 90.7 | 70.1 | 0.34 |
| 2014 | 91 | 70 | 87.7 | 72.9 | 0.55 |
| 2013 | 91 | 68 | 88.9 | 71.8 | 2.96 |
| 2012 | 94 | 68 | 87.9 | 70.9 | 7.78 |
| 2011 | 97 | 0 | 66.3 | 49.6 | 1.51 |
| 2010 | 94 | 74 | 91.6 | 75.6 | 1.17 |
| 2009 | 90 | 63 | 87.9 | 67.3 | 0.00 |
| 2008 | 92 | 71 | 90.6 | 73.9 | 0.00 |
| 2007 | 97 | 69 | 91.3 | 73.3 | 0.59 |
| Avg. | 93 | 63 | 87.3 | 69.6 | 1.82 |

Rainfall total for 2018 (inches)..... 21.31