

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

Growth Measurement No. 16

Growth from 7/11/2018-7/17/2018

| | | |
|--|-------------------|-------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | 6.55 |
| | L 01-283 | 3.90 |
| | L 01-299 | 5.95 |
| | HoCP 04-838 | 6.10 |
| Average growth (inches) this week 1 st -Stubble | HoCP 96-540 | 7.00 |
| | L 01-283 | 5.40 |
| | L 01-299 | 6.30 |
| | HoCP 04-838 | 6.35 |
| Average growth (inches) to date Plant-Cane | HoCP 96-540 | 68.85 |
| | L 01-283 | 67.65 |
| | L 01-299 | 59.20 |
| | HoCP 04-838 | 60.95 |
| Average growth (inches) to date 1 st -Stubble | HoCP 96-540 | 70.65 |
| | L 01-283 | 67.60 |
| | L 01-299 | 61.75 |
| | HoCP 04-838 | 61.15 |

For week of 7/11/2018-7/17/2018

| Average Height and Growth (in Inches) for L 01-299 | | | | |
|--|-------------------|--------------------|-------------------|--------------------|
| Year | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2018 | 5.95 | 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 |
| 2012 | 5.75 | 4.10 | 78.80 | 87.30 |
| Avg. | 6.29 | 5.63 | 69.36 | 65.86 |

2018 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA

For week of 07/10 to 07/16

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|-------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2018 | 92 | 70 | 90.1 | 72.6 | 1.69 |
| 2017 | 93 | 71 | 90.7 | 72.6 | 2.86 |
| 2016 | 94 | 70 | 92.1 | 71.8 | 3.27 |
| 2015 | 95 | 72 | 93.4 | 73.9 | 0.60 |
| 2014 | 95 | 70 | 90.6 | 71.8 | 3.29 |
| 2013 | 94 | 71 | 89.2 | 72.5 | 1.46 |
| 2012 | 91 | 70 | 87.3 | 71.5 | 4.87 |
| 2011 | n/a | n/a | n/a | n/a | n/a |
| 2010 | 95 | 72 | 92.3 | 74.3 | 0.48 |
| 2009 | 96 | 74 | 92.6 | 75.3 | 1.55 |
| 2008 | 96 | 72 | 92.9 | 73.0 | 1.36 |
| 2007 | 93 | 69 | 87.6 | 72.7 | 1.99 |
| Avg. | 94 | 71 | 90.8 | 72.9 | 2.13 |

Rainfall total for 2018 (inches)..... 30.19