

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

Growth Measurement No. 5

Growth from 4/25/2018-5/01/2018

| | | |
|--|-------------------|------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | 0.10 |
| | L 01-283 | 0.70 |
| | L 01-299 | 0.40 |
| | HoCP 04-838 | 0.30 |
| Average growth (inches) this week 1 st -Stubble | HoCP 96-540 | 0.80 |
| | L 01-283 | 1.30 |
| | L 01-299 | 0.95 |
| | HoCP 04-838 | 0.70 |
| Average growth (inches) to date Plant-Cane | HoCP 96-540 | 5.70 |
| | L 01-283 | 6.75 |
| | L 01-299 | 4.50 |
| | HoCP 04-838 | 6.05 |
| Average growth (inches) to date 1 st -Stubble | HoCP 96-540 | 6.35 |
| | L 01-283 | 6.20 |
| | L 01-299 | 3.55 |
| | HoCP 04-838 | 4.20 |

For week of 4/25/2018-5/01/2018

| Average Height and Growth (in Inches) | | | | |
|---------------------------------------|------------|-------------|------------|-------------|
| Year | Plant-Cane | 1st Stubble | Plant-Cane | 1st Stubble |
| 2018 | 0.10 | 0.80 | 5.70 | 6.35 |
| 2017 | 1.50 | 1.50 | 11.75 | 10.80 |
| 2016 | 1.70 | 1.45 | 12.65 | 8.90 |
| 2015 | 0.75 | 0.65 | 10.25 | 7.80 |
| 2014 | 0.80 | 0.40 | 4.10 | 4.10 |
| 2013 | 1.40 | 0.50 | 6.30 | 4.50 |
| 2012 | 1.35 | 1.80 | 13.15 | 12.00 |
| 2011 | 1.35 | 1.50 | 9.30 | 10.30 |
| 2010 | 1.35 | 1.20 | 8.20 | 6.00 |
| 2009 | 2.00 | 1.00 | 6.45 | 6.65 |
| 2008 | 0.95 | 1.00 | 8.20 | 5.70 |
| 2007 | 0.90 | 1.10 | 4.95 | 6.20 |
| Avg. | 1.18 | 1.08 | 8.42 | 7.44 |

2018 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA

For week of 04/24 to 04/30

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|---------------------------------------|---------------------|---------------------|-----------------------|----------------------|----------------------|
| 2018 | 83 | 52 | 78.8 | 54.7 | 0.30 |
| 2017 | 87 | 49 | 81.5 | 63.5 | 1.84 |
| 2016 | 83 | 59 | 81.6 | 66.7 | 4.20 |
| 2015 | NA | NA | NA | NA | 2.79 |
| 2014 | 85 | 58 | 81.4 | 67.8 | 0.06 |
| 2013 | 82 | 56 | 76.5 | 61.0 | 3.08 |
| 2012 | 87 | 47 | 80.4 | 59.2 | 0.00 |
| 2011 | 86 | 48 | 82.9 | 62.7 | 0.00 |
| 2010 | 84 | 51 | 80.3 | 58.7 | 0.01 |
| 2009 | 83 | 63 | 82.4 | 65.7 | 0.03 |
| 2008 | 83 | 49 | 79.1 | 58.1 | 0.77 |
| 2007 | 88 | 57 | 84.1 | 62.0 | 0.66 |
| Avg. | 85 | 53 | 80.8 | 61.8 | 1.15 |
| Rainfall total for 2018 (inches)..... | | | 14.73 | | |