

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

Growth Measurement No. 4

Growth from 4/16/2019 – 4/22/2019

Average growth (inches) this week Plant-Cane	HoCP 96-540 .....	0.15
	L 01-299 .....	0.60
	HoCP 04-838 .....	0.15
	HoCP 09-804 .....	0.45
Average growth (inches) this week 1 <sup>st</sup> -Stubble	HoCP 96-540 .....	0.10
	L 01-299 .....	0.00
	HoCP 04-838 .....	0.10
	HoCP 09-804 .....	0.25
Average growth (inches) to date Plant-Cane	HoCP 96-540 .....	10.85
	L 01-299 .....	8.05
	HoCP 04-838 .....	11.05
	HoCP 09-804 .....	11.05
Average growth (inches) to date 1 <sup>st</sup> -Stubble	HoCP 96-540 .....	5.95
	L 01-299 .....	2.25
	HoCP 04-838 .....	3.10
	HoCP 09-804 .....	4.90

**For week of 4/16/2019 – 4/22/2019**

<b>Average Height and Growth (in Inches) for L 01-299</b>				
Year	Plant-Cane Growth	1st Stubble Growth	Plant-Cane Height	1st Stubble Height
2019	0.60	0.00	8.05	2.25
2018	0.15	0.00	4.10	2.60
2017	1.40	1.80	6.50	7.55
2016	1.55	1.15	7.60	5.85
2015	1.85	0.85	7.45	4.45
2014	0.00	0.10	1.80	2.40
2013	0.45	0.05	1.95	2.00
Avg.	0.86	0.56	5.35	3.87

**2019 GROWTH MEASUREMENTS CLIMATOLOGICAL DATA**

For week of 04/15 to 04/21

<b>Year</b>	<b>Max Air Temp</b>	<b>Min Air Temp</b>	<b>Avg. High Temp</b>	<b>Avg. Low Temp</b>	<b>Rain for week</b>
2019	77	47	74.3	52.9	0.02
2018	77	47	72.5	53.6	0.00
2017	83	62	81.3	63.6	0.68
2016	80	52	76.3	65.4	0.05
2015	82	0	68.0	57.6	3.03
2014	83	39	72.6	50.8	0.26
2013	81	43	76.4	58.8	0.76
2012	83	55	77.6	59.8	4.18
2011	84	55	82.3	62.4	0.00
2010	83	54	80.3	56.3	0.19
Avg.	81	45	76.2	58.1	0.92

Rainfall total for 2019 (inches)..... 17.38