

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

Growth Measurement No. 1

Growth from 3/25/2014 to 4/1/2014

Average growth (inches) this week Plant-Cane	HoCP 96-540 <u>0.30</u>
	L 99-226..... <u>0.10</u>
	L 01-299..... <u>0.30</u>
	HoCP 04-838 <u>0.20</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 <u>0.20</u>
	L 99-226..... <u>0.45</u>
	L 01-299..... <u>0.35</u>
	HoCP 04-838 <u>0.40</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 <u>3.05</u>
	L 99-226..... <u>2.80</u>
	L 01-299..... <u>1.70</u>
	HoCP 04-838 <u>3.10</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 <u>3.35</u>
	L 99-226..... <u>3.35</u>
	L 01-299..... <u>2.05</u>
	HoCP 04-838 <u>2.60</u>

Average Height and Growth (in Inches)				
HoCP 96-540				
Year	Plant-Cane Growth	1st Stubble Growth	Plant-Cane Height	1st Stubble Height
2014	0.30	0.20	3.05	3.35
2013	0.10	0.05	3.45	3.80
2012	1.10	0.80	8.05	6.55
2011	0.35	0.40	4.30	4.75
2010	0.55	0.60	5.40	3.35
2009	0.35	0.35	3.25	4.50
2008	0.40	0.25	4.65	2.75
2007	0.65	0.35	3.05	4.10
2006	0.95	1.25	5.95	3.85
2005	0.50	0.20	4.10	5.15
2004	0.35	0.25	4.05	4.25

GROWTH MEASUREMENTS CLIMATOLOGICAL DATA					
For week of 03/25 to 03/31					
Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2014	77	40	69.6	49.2	1.18
2013	78	32	67.5	41.1	0.20
2012	84	55	82.0	59.6	0.02
2011	84	51	78.9	61.0	0.44
2010	77	43	72.4	48.3	0.41
2009	81	48	76.3	59.4	4.85
2008	83	35	78.9	53.7	0.00
2007	84	59	81.4	62.3	0.25
2006	82	35	76.6	50.3	0.00
2005	84	44	77.9	56.0	0.05
2004	82	47	79.7	55.3	0.13
Avg.	81	44	76.5	54.2	0.68
Rainfall total for 2014 (inches).....			12.79		