

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

Growth Measurement No. <u>8</u>	Growth from <u>5/18'11</u> to <u>5/24'11</u>
Average growth (inches) this week Plant-Cane	HoCP 96-540..... <u>1.75</u> L 99-226 ..... <u>1.50</u> L 99-233 ..... <u>4.70</u> HoCP 00-950..... <u>2.00</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540..... <u>2.40</u> L 99-226 ..... <u>1.80</u> L 99-233 ..... <u>4.50</u> HoCP 00-950..... <u>2.20</u>
Average height (inches) to date Plant-Cane	HoCP 96-540..... <u>13.10</u> L 99-226 ..... <u>12.80</u> L 99-233 ..... <u>22.55</u> HoCP 00-950..... <u>11.15</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540..... <u>15.50</u> L 99-226 ..... <u>12.70</u> L 99-233 ..... <u>21.75</u> HoCP 00-950..... <u>11.00</u>

**Average height and growth in inches**  
**HoCP 96-540**

Year	Plant- Cane Growth	1 <sup>st</sup> Stubble Growth	Plant- Cane Height	1 <sup>st</sup> Stubble Height
2011	1.75	2.40	13.10	15.50
2010	2.35	2.50	15.55	11.40
2009	2.30	2.15	13.55	12.55
2008	1.40	1.40	13.05	10.70
2007	1.70	1.65	10.15	11.60
2006	2.30	1.95	16.60	13.80
2005	2.35	2.65	9.90	12.30
2004	3.85	3.85	15.85	15.35

GROWTH MEASUREMENTS CLIMATOLOGICAL DATA					
For week of 05/17 to 05/23					
Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2011	89	46	85.3	64.7	0.00
2010	91	67	88.7	70.7	0.81
2009	89	56	81.3	62.4	0.02
2008	89	60	83.1	66.4	1.86
2007	93	55	83.3	60.0	0.29
2006	93	52	87.3	60.1	0.00
2005	87	63	89.0	67.9	0.19
2004	87	66	85.7	67.4	0.11
Avg.	89	58	85.5	65.0	0.47

Rainfall total for 2011 (inches)..... 7.54