

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

Growth Measurement No. 16

Growth from 7/13'11 to 7/19'11

Average growth (inches) this week Plant-Cane	HoCP 96-540..... <u>6.90</u> L 99-226 ..... <u>8.20</u> L 99-233 ..... <u>7.85</u> HoCP 00-950..... <u>6.25</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540..... <u>5.85</u> L 99-226 ..... <u>5.81</u> L 99-233 ..... <u>5.50</u> HoCP 00-950..... <u>4.90</u>
Average height (inches) to date Plant-Cane	HoCP 96-540..... <u>57.90</u> L 99-226 ..... <u>63.10</u> L 99-233 ..... <u>73.85</u> HoCP 00-950..... <u>57.00</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540..... <u>62.35</u> L 99-226 ..... <u>57.70</u> L 99-233 ..... <u>71.15</u> HoCP 00-950..... <u>54.90</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	6.90	5.85	57.90	62.35
2010	5.94	6.30	83.05	65.80
2009	7.15	7.90	60.45	64.70
2008	7.40	7.40	71.80	68.10
2007	7.30	5.65	68.60	65.55
2006	7.15	7.65	84.45	62.35
2005	5.94	5.90	58.55	65.30
2004	6.70	7.35	74.20	72.55

**Average air temperature (°F)**

Max.....	<u>92.5</u>
Min .....	<u>71.8</u>
Avg. High .....	<u>86.7</u>
Avg. Low .....	<u>74.0</u>

Rainfall total for week (inches)..... 12.38  
 Rainfall total for 2011 (inches)..... 24.32