

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

Growth Measurement No. 10

Growth from 6/1'11 to 6/7'11

Average growth (inches) this week Plant-Cane	HoCP 96-540.....	<u>3.35</u>
	L 99-226 .....	<u>2.20</u>
	L 99-233 .....	<u>4.80</u>
	HoCP 00-950.....	<u>3.75</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540.....	<u>4.00</u>
	L 99-226 .....	<u>2.00</u>
	L 99-233 .....	<u>4.35</u>
	HoCP 00-950.....	<u>3.78</u>
Average height (inches) to date Plant-Cane	HoCP 96-540.....	<u>19.85</u>
	L 99-226 .....	<u>17.05</u>
	L 99-233 .....	<u>32.45</u>
	HoCP 00-950.....	<u>18.70</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540.....	<u>23.95</u>
	L 99-226 .....	<u>17.50</u>
	L 99-233 .....	<u>31.05</u>
	HoCP 00-950.....	<u>18.00</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	3.35	4.00	19.85	23.95
2010	3.90	5.40	27.55	20.00
2009	5.50	4.13	23.05	18.50
2008	5.10	4.40	23.25	19.80
2007	4.60	6.40	16.35	20.40
2006	5.50	4.35	32.75	21.30
2005	3.90	5.85	16.40	20.80
2004	8.10	8.30	28.65	27.85

GROWTH MEASUREMENTS CLIMATOLOGICAL DATA					
For week of 05/31 to 06/06					
Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2011	100	66	97.0	69.1	1.08
2010	92	70	86.9	72.6	1.64
2009	92	63	86.0	67.3	0.58
2008	92	68	89.9	73.9	0.00
2007	96	64	86.0	68.3	1.69
2006	96	65	93.3	66.3	0.97
2005	91	67	87.4	69.1	3.36
2004	91	68	89.0	71.7	3.19
Avg.	93	66	89.4	69.8	1.63

Rainfall total for 2011 (inches)..... 8.62