

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

Growth Measurement No. 9 Growth from 5/25'10 to 5/31'10

Average growth (inches) this week Plant-Cane	HoCP 96-540 ..... <u>4.55</u>
	L 99-226..... <u>3.35</u>
	L 99-233..... <u>5.30</u>
	HoCP 00-950 ..... <u>4.60</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 ..... <u>3.20</u>
	L 99-226..... <u>3.50</u>
	L 99-233..... <u>4.50</u>
	HoCP 00-950 ..... <u>3.00</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 ..... <u>20.10</u>
	L 99-226 ..... <u>19.40</u>
	L 99-233..... <u>25.55</u>
	HoCP 00-950 ..... <u>17.05</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 ..... <u>14.60</u>
	L 99-226..... <u>15.95</u>
	L 99-233..... <u>20.90</u>
	HoCP 00-950 ..... <u>12.50</u>

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

Year	Plant- Cane Growth	1st Stubble Growth	Plant- Cane Height	1st Stubble Height
2010	4.55	3.20	20.10	14.60
2009	3.80	2.65	17.35	15.20
2008	5.10	4.70	18.15	15.40
2007	1.60	2.40	11.75	14.00
2006	4.63	3.15	24.95	16.95
2005	2.60	2.65	12.50	14.95
2004	4.70	4.20	20.55	19.55

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA  
 For week of 05/25 to 05/31**

Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2010	96	68	91.4	69.7	0.80
2009	92	64	86.3	67.6	1.10
2008	92	66	89.6	69.9	0.00
2007	86	62	83.6	66.1	1.65
2006	94	64	90.7	67.7	0.18
2005	92	65	86.3	67.9	3.99
2004	91	67	88.4	71.0	0.00
Avg.	92	65	88.0	68.6	1.10

Rainfall total for 2010 (inches).....14.85