

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

Growth Measurement No. 19 Growth from 8/3'10 to 8/9'10

Average growth (inches) this week Plant-Cane	HoCP 96-540 ..... <u>6.90</u>
	L 99-226..... <u>6.25</u>
	L 99-233..... <u>5.90</u>
	HoCP 00-950 ..... <u>4.95</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 ..... <u>4.85</u>
	L 99-226..... <u>4.80</u>
	L 99-233..... <u>5.80</u>
	HoCP 00-950 ..... <u>4.30</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 ..... <u>103.25</u>
	L 99-226 ..... <u>107.75</u>
	L 99-233..... <u>105.50</u>
	HoCP 00-950 ..... <u>88.10</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 ..... <u>81.70</u>
	L 99-226..... <u>85.15</u>
	L 99-233..... <u>96.75</u>
	HoCP 00-950 ..... <u>78.80</u>

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

Year	Plant- Cane Growth	1st Stubble Growth	Plant- Cane Height	1st Stubble Height
2010	6.90	4.85	103.25	81.70
2009	5.80	5.35	83.20	86.20
2008	4.10	4.75	87.10	85.60
2007	5.15	4.35	9.05	81.55
2006	5.70	5.70	101.15	81.35
2005	4.45	4.75	74.35	81.80
2004	5.60	5.30	91.85	89.35

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA  
 For week of 08/03 to 08/09**

Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2010	97	74	94.4	76.0	2.38
2009	97	72	94.1	73.7	1.32
2008	96	70	89.4	72.9	5.33
2007	97	73	93.9	74.4	0.29
2006	98	72	93.7	73.3	4.34
2005	97	69	94.9	71.0	0.04
2004	96	66	93.1	71.6	1.15
Avg.	97	71	93.4	73.3	2.12

Rainfall total for 2010 (inches)...34.48