

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

Growth Measurement No. 20 Growth from 8/10'10 to 8/16'10

Average growth (inches) this week Plant-Cane	HoCP 96-540 <u>4.70</u>
	L 99-226..... **
	L 99-233..... <u>2.90</u>
	HoCP 00-950 <u>5.50</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 <u>6.06</u>
	L 99-226..... <u>5.44</u>
	L 99-233..... <u>5.28</u>
	HoCP 00-950 <u>5.05</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 <u>107.95</u>
	L 99-226 **
	L 99-233..... <u>108.40</u>
	HoCP 00-950 <u>93.60</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 <u>92.25</u>
	L 99-226..... <u>102.00</u>
	L 99-233..... <u>102.00</u>
	HoCP 00-950 <u>83.85</u>

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

Year	Plant- Cane Growth	1st Stubble Growth	Plant- Cane Height	1st Stubble Height
2010	4.70	6.06	107.95	92.25
2009	5.85	4.80	89.05	91.00
2008	5.10	5.25	92.20	9.85
2007	6.60	5.40	96.65	86.95
2006	4.80	6.20	105.95	87.55
2005	3.70	4.55	78.05	86.35
2004	2.40	2.70	94.25	92.05

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA
 For week of 08/10 to 08/16**

Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2010	99	75	93.1	75.9	2.35
2009	96	73	92.1	74.1	1.14
2008	95	72	89.0	73.9	1.42
2007	103	74	97.3	75.9	2.58
2006	98	72	93.3	73.9	0.32
2005	98	73	96.9	71.3	0.5
2004	95	57	93.1	66.1	0.22
Avg.	98	73	93.1	73.0	1.21

Rainfall total for 2010 (inches)...36.83

**Plant-cane L99-226 was not measureable due to lodging in the plot.