

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

Growth Measurement No. 18

Growth from 7/27'10 to 8/2'10

Average growth (inches) this week Plant-Cane	HoCP 96-540 <u>6.45</u>
	L 99-226..... <u>7.22</u>
	L 99-233..... <u>4.50</u>
	HoCP 00-950 <u>5.60</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 <u>5.15</u>
	L 99-226..... <u>4.75</u>
	L 99-233..... <u>5.28</u>
	HoCP 00-950 <u>4.40</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 <u>96.35</u>
	L 99-226 <u>101.50</u>
	L 99-233..... <u>99.60</u>
	HoCP 00-950 <u>83.15</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 <u>76.85</u>
	L 99-226..... <u>80.35</u>
	L 99-233..... <u>90.95</u>
	HoCP 00-950 <u>74.50</u>

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

Year	Plant- Cane Growth	1st Stubble Growth	Plant- Cane Height	1st Stubble Height
2010	6.45	5.15	96.35	76.85
2009	7.00	6.20	77.40	80.85
2008	5.25	6.55	83.00	80.85
2007	8.65	6.00	84.90	77.20
2006	5.95	6.80	95.45	75.65
2005	5.10	6.40	69.90	77.05
2004	5.70	6.05	86.25	84.05

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA
 For week of 07/27 to 08/02**

Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2010	103	72	96.6	75.7	0.11
2009	92	72	91.0	75.1	0.79
2008	97	73	89.1	74.6	1.33
2007	91	72	87.9	73.4	2.62
2006	96	73	92.7	74.7	1.30
2005	*	*	*	*	0.07
2004	96	71	93.1	73.1	2.62
Avg.	96	72	91.7	74.5	1.26

Rainfall total for 2010 (inches)...32.10

*Weather data unavailable from Ardoyne Farm.