

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

Growth Measurement No. 5

Growth from 4/27'11 to 5/2'11

Average growth (inches) this week Plant-Cane	HoCP 96-540.....	<u>1.35</u>
	L 99-226	<u>1.80</u>
	L 99-233	<u>1.95</u>
	HoCP 00-950.....	<u>1.45</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540.....	<u>1.50</u>
	L 99-226	<u>1.15</u>
	L 99-233	<u>2.25</u>
	HoCP 00-950.....	<u>0.85</u>
Average height (inches) to date Plant-Cane	HoCP 96-540.....	<u>9.30</u>
	L 99-226	<u>8.85</u>
	L 99-233	<u>13.90</u>
	HoCP 00-950.....	<u>7.15</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540.....	<u>10.30</u>
	L 99-226	<u>8.25</u>
	L 99-233	<u>12.55</u>
	HoCP 00-950.....	<u>5.70</u>

Average height and growth in inches
HoCP 96-540

Year	Plant- Cane Growth	1 st Stubble Growth	Plant- Cane Height	1 st Stubble Height
2011	1.35	1.50	9.30	10.30
2010	0.35	1.20	8.20	6.00
2009	1.70	1.00	6.45	6.65
2008	0.95	1.00	8.20	5.70
2007	0.90	1.10	4.95	6.20
2006	1.70	1.50	10.10	7.70
2005	0.35	0.50	5.20	6.85
2004	1.55	1.45	7.65	7.75

GROWTH MEASUREMENTS CLIMATOLOGICAL DATA					
For week of 04/26 to 05/02					
Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2011	87	48	83.1	64.1	0.00
2010	84	51	79.7	63.3	0.00
2009	82	63	83.1	66.0	0.03
2008	82	49	79.0	60.9	0.77
2007	87	57	84.9	60.9	0.62
2006	87	54	82.7	61.1	2.52
2005	82	49	81.4	54.1	0.39
2004	82	54	77.6	60.0	4.05
Avg.	85	53	81.4	61.3	1.20

Rainfall total for 2011 (inches)..... 7.42