

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

Growth Measurement No. 2

Growth from 4/6'11 to 4/12'11

Average growth (inches) this week Plant-Cane	HoCP 96-540.....	<u>1.10</u>
	L 99-226	<u>0.95</u>
	L 99-233	<u>1.95</u>
	HoCP 00-950.....	<u>0.80</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540.....	<u>1.05</u>
	L 99-226	<u>0.65</u>
	L 99-233	<u>0.95</u>
	HoCP 00-950.....	<u>0.75</u>
Average height (inches) to date Plant-Cane	HoCP 96-540.....	<u>5.40</u>
	L 99-226	<u>4.20</u>
	L 99-233	<u>7.90</u>
	HoCP 00-950.....	<u>2.90</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540.....	<u>5.80</u>
	L 99-226	<u>5.10</u>
	L 99-233	<u>7.70</u>
	HoCP 00-950.....	<u>3.15</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	1.10	1.05	5.40	5.80
2010	0.15	0.40	6.00	3.75
2009	0.90	0.35	3.80	4.85
2008	0.45	0.30	5.10	3.05
2007	0.40	0.20	3.45	4.30
2006	0.90	0.75	6.85	4.60
2005	0.15	0.30	4.25	5.45
2004	0.25	0.20	4.30	4.45

GROWTH MEASUREMENTS CLIMATOLOGICAL DATA					
For week of 04/05 to 04/11					
Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2011	86	44	80.6	61.3	0.00
2010	80	45	77.3	56.7	0.17
2009	85	41	74.1	54.7	0.00
2008	85	56	82.0	63.0	0.86
2007	83	39	66.1	49.3	1.52
2006	83	42	81.1	54.6	0.00
2005	85	54	78.7	58.7	1.30
2004	85	49	80.3	57.6	1.31
Avg.	83	46	77.5	57.0	0.74

Rainfall total for 2010 (inches)..... 7.40