

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

Growth Measurement No. 3

Growth from 4/11'12 to 4/17'12

Average growth (inches) this week Plant-Cane

	HoCP 96-540 .....	<u>1.00</u>
	L 99-226.....	<u>0.30</u>
	HoCP 00-950 .....	<u>0.55</u>
	L 01-299.....	<u>0.75</u>

Average growth (inches) this week 1st-Stubble

	HoCP 96-540 .....	<u>1.15</u>
	L 99-226.....	<u>1.15</u>
	HoCP 00-950 .....	<u>0.50</u>
	L 01-299.....	<u>1.00</u>

Average height (inches) to date Plant-Cane

	HoCP 96-540 .....	<u>10.65</u>
	L 99-226.....	<u>7.20</u>
	HoCP 00-950 .....	<u>5.95</u>
	L 01-299.....	<u>6.30</u>

Average height (inches) to date 1st-Stubble

	HoCP 96-540 .....	<u>9.10</u>
	L 99-226.....	<u>8.10</u>
	HoCP 00-950 .....	<u>5.80</u>
	L 01-299.....	<u>7.05</u>

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

Year	Plant-Cane Growth	1st Stubble Growth	Plant-Cane Height	1st Stubble Height
2012	1.00	1.15	10.65	9.10
2011	0.95	1.20	6.35	7.00
2010	0.20	0.35	6.20	4.10
2009	0.20	0.30	4.00	5.15
2008	1.30	1.00	6.40	4.05
2007	0.35	0.35	3.80	4.65
2006	0.75	0.40	7.60	5.25
2005	0.35	0.55	4.60	6.00
2004	0.65	0.50	4.95	4.95

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA**

For week of 04/10 to 04/16

Year	Max Air Temp	Min Air Temp	Avg. High Temp	Avg. Low Temp	Rain for week
2012	85	60	81.7	63.6	1.34
2011	86	49	82.0	60.3	0.02
2010	83	52	80.3	54.4	0.01
2009	82	48	78.1	58.6	0.02
2008	85	39	73.7	53.0	1.14
2007	81	43	76.4	52.1	1.57
2006	86	42	82.4	53.9	0.00
2005	83	50	79.4	54.9	1.14
2004	85	44	72.7	50.3	0.72
Avg.	84	48	79.3	56.3	0.56

Rainfall total for 2012 (inches)..... 14.09