

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

Growth Measurement No. 15

Growth from 7/5/06 to 7/12/06

Average growth (inches) this week Plant-Cane
 LCP 85-384.....5.06
 Ho 95-988.....4.65
 HoCP 96-540.....6.45
 L 97-128.....6.75

Average growth (inches) this week 1st-Stubble
 LCP 85-384.....7.20
 Ho 95-988.....6.70
 HoCP 96-540.....7.89
 L 97-128.....6.90

Average height (inches) to date Plant-Cane
 LCP 85-384.....62.70
 Ho 95-988.....64.15
 HoCP 96-540.....77.30
 L 97-128.....79.30

Average height (inches) to date 1st-Stubble
 LCP 85-384.....60.85
 Ho 95-988.....58.45
 HoCP 96-540.....54.70
 L 97-128.....68.45

Average height in inches

YEAR	LCP 85-384		HoCP 96-540	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2006	62.7	60.9	77.3	54.7
2005	55.5	53.6	49.2	59.4
2004	60.6	60.9	67.5	65.2
2003	52.9	57.4		
2002	53.5	56.1		
2001	56.3	58.1		
2000	64.8	65.4		
1999	71.0	66.8		
1998	50.9	73.2		
1997	55.7	58.4		

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	0.3	0.7	5.3	69.5
Max	26.7	38.0	40.3	94.8
Mean	2.7	14.8	12.6	79.4

Rainfall total for week (inches).....3.77"

Rainfall total for year (inches)..... 18.79"

*Temperature, rainfall records, and soil moisture from Ardoyne Farm.
 Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).