

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

Growth Measurement No. 19

Growth from 8/2/06 to 8/9/06

Average growth (inches) this week Plant-Cane

	LCP 85-384.....	3.70
	Ho 95-988.....	3.85
	HoCP 96-540.....	5.70
	L 97-128.....	5.35

Average growth (inches) this week 1st-Stubble

	LCP 85-384.....	4.85
	Ho 95-988.....	6.35
	HoCP 96-540.....	5.70
	L 97-128.....	5.78

Average height (inches) to date Plant-Cane

	LCP 85-384.....	81.25
	Ho 95-988.....	83.60
	HoCP 96-540.....	101.15
	L 97-128.....	103.20

Average height (inches) to date 1st-Stubble

	LCP 85-384.....	83.80
	Ho 95-988.....	84.80
	HoCP 96-540.....	81.35
	L 97-128.....	93.25

Average height in inches

YEAR	LCP 85-384		HoCP 96-540	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2006	81.3	83.8	101.2	81.4
2005	76.9	72.4	74.4	81.8
2004	81.7	86.5	91.9	89.4
2003	76.9	77.6		
2002	79.0	78.0		
2001	82.1	80.6		
2000	88.5	89.2		
1999	92.4	87.8		
1998	81.6	98.9		
1997	81.5	83.4		

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
<i>Min</i>	0.5	1.8	3.8	72.2
<i>Max</i>	22.3	15.0	12.5	98.3
<i>Mean</i>	8.1	8.1	7.8	81.5

Rainfall total for week (inches).....4.34"

Rainfall total for year (inches)..... 28.45"

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