

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

Growth Measurement No. 20

Growth from 8/9/06 to 8/16/06

Average growth (inches) this week Plant-Cane

	LCP 85-384.....	3.44
	Ho 95-988.....	2.28
	HoCP 96-540.....	4.80
	L 97-128.....	5.45

Average growth (inches) this week 1st-Stubble

	LCP 85-384.....	5.25
	Ho 95-988.....	5.45
	HoCP 96-540.....	6.20
	L 97-128.....	5.40

Average height (inches) to date Plant-Cane

	LCP 85-384.....	91.85
	Ho 95-988.....	90.15
	HoCP 96-540.....	105.95
	L 97-128.....	108.65

Average height (inches) to date 1st-Stubble

	LCP 85-384.....	89.05
	Ho 95-988.....	90.25
	HoCP 96-540.....	87.55
	L 97-128.....	98.65

Average height in inches

YEAR	LCP 85-384		HoCP 96-540	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2006	91.9	89.1	106.0	87.6
2005	80.2	76.0	78.1	86.4
2004	83.8	89.1	94.3	92.1
2003	80.6	81.6		
2002	83.3	82.4		
2001	87.5	86.2		
2000	92.4	93.4		
1999	96.8	91.8		
1998	87.5	104.6		
1997	86.6	88.9		

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	0.0	2.5	6.0	71.6
Max	19.0	12.8	10.3	98.3
Mean	5.4	5.0	7.8	82.0

Rainfall total for week (inches).....0.32"

Rainfall total for year (inches)..... 28.77"

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