

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

Growth Measurement No. 18

Growth from 7/26/06 to 8/2/06

Average growth (inches) this week Plant-Cane

	LCP 85-384.....	4.75
	Ho 95-988.....	4.75
	HoCP 96-540.....	5.95
	L 97-128.....	6.00

Average growth (inches) this week 1st-Stubble

	LCP 85-384.....	5.95
	Ho 95-988.....	6.65
	HoCP 96-540.....	6.80
	L 97-128.....	6.00

Average height (inches) to date Plant-Cane

	LCP 85-384.....	77.55
	Ho 95-988.....	79.75
	HoCP 96-540.....	95.45
	L 97-128.....	97.85

Average height (inches) to date 1st-Stubble

	LCP 85-384.....	78.95
	Ho 95-988.....	78.45
	HoCP 96-540.....	75.65
	L 97-128.....	86.60

Average height in inches

YEAR	LCP 85-384		HoCP 96-540	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2006	77.6	79.0	95.5	75.7
2005	73.0	68.6	69.9	77.1
2004	77.4	82.1	86.3	84.1
2003	70.1	72.3		
2002	72.7	72.7		
2001	76.0	75.6		
2000	82.0	83.6		
1999	87.5	83.1		
1998	75.4	93.4		
1997	74.5	77.3		

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	0.5	1.8	3.3	72.0
Max	14.5	5.3	7.3	96.6
Mean	3.0	2.5	5.1	82.3

Rainfall total for week (inches).....1.2"
 Rainfall total for year (inches)..... 24.11"

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