

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

Growth Measurement No. 20

Growth from 8/9/05 to 8/16/05

Average growth (inches) this week Plant-Cane	LCP 85-384.....3.30 Ho 95-9884.25 HoCP 96-540.....3.70 L 97-1284.15
Average growth (inches) this week 1st-Stubble	LCP 85-384.....3.65 Ho 95-9884.20 HoCP 96-540.....4.55 L 97-1283.80
Average height (inches) to date Plant-Cane	LCP 85-384.....80.15 Ho 95-98879.25 HoCP 96-540.....78.05 L 97-12889.85
Average height (inches) to date 1st-Stubble	LCP 85-384.....76.00 Ho 95-98882.00 HoCP 96-540.....86.35 L 97-12889.95

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	78.1	86.4	80.2	76.0
2004	94.3	92.1	83.8	89.1
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
1996			82.0	75.8

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	58.8	53.5	37.5	70.8
Max	99.8	60.5	46.3	101.7
Mean	88.7	57.2	41.1	82.1

Rainfall total for week (inches).....0.45"

Rainfall total for year (inches)..... 36.58"

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