

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

Growth Measurement No. 10

Growth from 5/31/05 to 6/7/05

Average growth (inches) this week Plant-Cane	LCP 85-384.....5.85 Ho 95-9885.25 HoCP 96-540.....3.90 L 97-1287.25
Average growth (inches) this week 1st-Stubble	LCP 85-384.....5.80 Ho 95-9886.20 HoCP 96-540.....5.85 L 97-1289.75
Average height (inches) to date Plant-Cane	LCP 85-384.....20.15 Ho 95-98818.60 HoCP 96-540.....16.40 L 97-12822.65
Average height (inches) to date 1st-Stubble	LCP 85-384.....18.90 Ho 95-98819.60 HoCP 96-540.....20.80 L 97-12827.80

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	16.4	20.8	20.2	18.9
2004	28.7	27.9	27.8	30.9
2003			17.4	18.9
2002			18.8	20.6
2001			20.9	21.8
2000			31.0	24.7
1999			31.7	33.9
1998			16.2	30.6
1997			15.4	22.5
1996			14.1	17.8

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	8.5	17.0	14.5	67.9
Max	27.8	26.0	21.8	95.2
Mean	14.7	21.5	18.2	78.8

Rainfall total for week (inches).....3.38"

Rainfall total for year (inches)..... 26.26"

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