

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

Growth Measurement No. 16

Growth from 7/12/05 to 7/19/05

Average growth (inches) this week Plant-Cane	LCP 85-384.....6.05
	Ho 95-988.....5.55
	HoCP 96-540.....5.94
	L 97-128.....4.85
Average growth (inches) this week 1st-Stubble	LCP 85-384.....5.25
	Ho 95-988.....5.15
	HoCP 96-540.....5.90
	L 97-128.....5.90
Average height (inches) to date Plant-Cane	LCP 85-384.....61.50
	Ho 95-988.....57.00
	HoCP 96-540.....58.55
	L 97-128.....67.40
Average height (inches) to date 1st-Stubble	LCP 85-384.....58.85
	Ho 95-988.....57.65
	HoCP 96-540.....65.30
	L 97-128.....71.15

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	58.6	65.3	61.5	58.9
2004	74.2	72.6	66.2	72.3
2003			58.7	61.9
2002			60.0	62.0
2001			63.5	64.6
2000			71.8	73.1
1999			77.1	72.2
1998			59.2	80.3
1997			62.0	64.5
1996			56.2	58.6

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	26.0	20.5	17.0	71.8
Max	44.0	48.0	26.8	100.1
Mean	38.5	38.4	23.9	82.9

Rainfall total for week (inches).....1.05"

Rainfall total for year (inches).....32.79"

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