

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

Growth Measurement No. 17

Growth from 7/19/05 to 7/26/05

Average growth (inches) this week Plant-Cane  
 LCP 85-384.....6.60  
 Ho 95-988 .....5.85  
 HoCP 96-540.....6.25  
 L 97-128 .....6.22

Average growth (inches) this week 1st-Stubble  
 LCP 85-384.....4.75  
 Ho 95-988 .....5.22  
 HoCP 96-540.....5.35  
 L 97-128 .....5.75

Average height (inches) to date Plant-Cane  
 LCP 85-384.....68.10  
 Ho 95-988 .....62.85  
 HoCP 96-540.....64.80  
 L 97-128 .....76.90

Average height (inches) to date 1st-Stubble  
 LCP 85-384.....63.60  
 Ho 95-988 .....64.90  
 HoCP 96-540.....70.65  
 L 97-128 .....76.90

**Average height in inches**

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 <sup>ST</sup> -STUBBLE	PLANT-CANE	1 <sup>ST</sup> -STUBBLE
2005	64.8	70.7	68.1	63.6
2004	80.6	78.0	71.4	76.2
2003			64.9	67.2
2002			66.1	67.5
2001			69.6	70.3
2000			76.8	78.5
1999			83.2	78.3
1998			67.7	87.2
1997			67.4	70.4
1996			64.5	65.5

**SOIL MOISTURE and CLIMATOLOGICAL DATA\***

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
<b>Min</b>	32.5	25.5	25.0	73.0
<b>Max</b>	46.3	49.5	28.3	101.3
<b>Mean</b>	42.1	42.7	26.7	83.0

Rainfall total for week (inches).....1.07"

Rainfall total for year (inches).....33.86"

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