

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

Growth Measurement No. 26

Growth from 9/26 '01 to 10/3 '01

Average growth (inches) this week Plant-Cane	CP 70-321	<u>1.45</u>
	HoCP 85-845	<u>0.95</u>
	LCP 85-384	<u>1.00</u>
	HoCP 91-555	<u>1.10</u>
Average growth (inches) this week 1st-Stubble	CP 70-321	<u>1.75</u>
	HoCP 85-845	<u>1.90</u>
	LCP 85-384	<u>1.00</u>
	HoCP 91-555.	<u>1.25</u>
Average height (inches) to date Plant-Cane	CP 70-321	<u>113.15</u>
	HoCP 85-845	<u>104.30</u>
	LCP 85-384	<u>112.30</u>
	HoCP 91-555	<u>115.30</u>
Average height (inches) to date 1st-Stubble	CP 70-321	<u>107.80</u>
	HoCP 85-845	<u>110.00</u>
	LCP 85-384	<u>108.70</u>
	HoCP 91-555	<u>109.70</u>

YEAR	Average height in inches			
	CP 70-321		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2001	113.2	107.8	112.3	108.7
2000	119.0	109.4	116.7	118.3
1999	106.1	106.7	115.4	109.7
1998				
1997	108.0	97.5	109.2	108.4
1996	102.7	105.6	107.5	97.1
1995	111.0	115.6	118.0	112.8
1994	106.2	101.8		
1993	104.3	96.3		
1992				

CLIMATOLOGICAL DATA

* Average air temperature (°F)	Max	<u>80.9°</u>
	Min	<u>55.3°</u>
	Mean	<u>68.1°</u>
* Rainfall total for week (inches)..... <u>0.00</u>	* Mean soil moisture (percent available in soil)	
	6-inch depth.....	<u>57.5%</u>
* Rainfall total for year (inches)..... <u>58.04</u>	12-inch depth.....	<u>56.3%</u>
	18-inch depth.....	<u>79.5%</u>

* Temperature & rainfall records from Houma Laboratory, soil moisture from Ardoyne Farm.