

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

Growth Measurement No. 21

Growth from 8/20 '02 to 8/27 '02

Average growth (inches) this week Plant-Cane	CP 70-321	<u>4.80</u>
	HoCP 85-845	<u>4.65</u>
	LCP 85-384	<u>4.25</u>
	HoCP 91-555	<u>4.25</u>
Average growth (inches) this week 1st-Stubble	CP 70-321	<u>4.60</u>
	HoCP 85-845	<u>2.50</u>
	LCP 85-384	<u>3.80</u>
	HoCP 91-555	<u>4.80</u>
Average height (inches) to date Plant-Cane	CP 70-321	<u>89.65</u>
	HoCP 85-845	<u>89.85</u>
	LCP 85-384	<u>93.15</u>
	HoCP 91-555	<u>91.20</u>
Average height (inches) to date 1st-Stubble	CP 70-321	<u>90.80</u>
	HoCP 85-845	<u>71.45</u>
	LCP 85-384	<u>90.60</u>
	HoCP 91-555	<u>88.70</u>

Average height in inches

YEAR	CP 70-321		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2002	89.7	90.8	93.2	90.6
2001	96.0	93.2	97.2	94.5
2000	107.8	95.5	100.8	101.9
1999	94.0	95.4	104.3	99.1
1998	91.6	110.5	106.7	119.5
1997	93.8	86.2	100.2	102.2
1996	86.5	88.9	99.8	91.5
1995	98.6	95.7	109.0	107.2
1994	92.5	84.5		
1993	86.9	80.3		

CLIMATOLOGICAL DATA

* Average air temperature (°F)	Max	<u>91.6°</u>
	Min	<u>74.0°</u>
	Mean	<u>82.8°</u>
* Rainfall total for week (inches)..... <u>0.79</u>	* Mean soil moisture (percent available in soil)	
	6-inch depth.....	<u>93.0%</u>
* Rainfall total for year (inches)..... <u>32.91</u>	12-inch depth.....	<u>98.3%</u>
	18-inch depth.....	<u>97.3%</u>

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