

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

Growth Measurement No. <u>11</u>	Growth from <u>6/12</u> '02 to <u>6/18</u> '02
Average growth (inches) this week Plant-Cane	CP 70-321 ..... <u>6.05</u> HoCP 85-845 ..... <u>5.90</u> LCP 85-384 ..... <u>7.30</u> HoCP 91-555 ..... <u>7.35</u>
Average growth (inches) this week 1st-Stubble	CP 70-321 ..... <u>6.35</u> HoCP 85-845 ..... <u>5.95</u> LCP 85-384 ..... <u>7.55</u> HoCP 91-555 ..... <u>8.33</u>
Average height (inches) to date Plant-Cane	CP 70-321 ..... <u>26.25</u> HoCP 85-845 ..... <u>29.40</u> LCP 85-384 ..... <u>33.95</u> HoCP 91-555 ..... <u>27.65</u>
Average height (inches) to date 1st-Stubble	CP 70-321 ..... <u>30.30</u> HoCP 85-845 ..... <u>34.40</u> LCP 85-384 ..... <u>36.55</u> HoCP 91-555 ..... <u>30.70</u>

**Average height in inches**

YEAR	CP 70-321		LCP 85-384	
	PLANT-CANE	1 <sup>ST</sup> -STUBBLE	PLANT-CANE	1 <sup>ST</sup> -STUBBLE
2002	26.3	30.3	34.0	36.6
2001	31.7	30.8	34.1	36.1
2000	40.4	35.7	46.2	42.2
1999	32.9	40.3	46.8	47.4
1998	23.9	40.4	27.9	47.6
1997	23.4	23.1	27.6	34.5
1996	17.1	21.4	24.3	28.8
1995	29.5	31.2	28.3	38.1
1994	36.4	32.3		
1993	20.7	22.4		

**CLIMATOLOGICAL DATA**

* Average air temperature (°F)	Max ..... <u>89.6°</u> Min ..... <u>71.6°</u> Mean ..... <u>80.6°</u>
* Rainfall total for week (inches)..... <u>2.12</u>	* Mean soil moisture (percent available in soil)
	6-inch depth..... <u>64.5%</u>
* Rainfall total for year (inches)..... <u>21.81</u>	12-inch depth..... <u>55.7%</u>
	18-inch depth..... <u>81.3%</u>

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