

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

| | |
|---|---|
| Growth Measurement No. <u>10</u> | Growth from <u>6/6 '01</u> to <u>6/13'01</u> |
| Average growth (inches) this week Plant-Cane | CP 70-321 <u>4.75</u> HoCP 85-845 <u>4.70</u> LCP 85-384 <u>5.35</u> HoCP 91-555 <u>6.50</u> |
| Average growth (inches) this week 1st-Stubble | CP 70-32 <u>4.25</u> HoCP 85-845 <u>4.50</u> LCP 85-384 <u>4.25</u> HoCP 91-555. <u>2.80</u> |
| Average height (inches) to date Plant-Cane | CP 70-321 <u>23.50</u> HoCP 85-845 <u>27.95</u> LCP 85-384 <u>26.20</u> HoCP 91-555 <u>24.70</u> |
| Average height (inches) to date 1st-Stubble | CP 70-321 <u>22.30</u> HoCP 85-845 <u>30.70</u> LCP 85-384 <u>26.00</u> HoCP 91-555 <u>17.00</u> |

| YEAR | Average height in inches | | | |
|------|--------------------------|--------------------------|------------|--------------------------|
| | CP 70-321 | | LCP 85-384 | |
| | PLANT-CANE | 1 ST -STUBBLE | PLANT-CANE | 1 ST -STUBBLE |
| 2001 | 23.5 | 22.3 | 26.2 | 26.0 |
| 2000 | 34.9 | 28.8 | 38.9 | 31.3 |
| 1999 | 27.6 | 34.2 | 38.9 | 40.9 |
| 1998 | 18.9 | 31.7 | 21.6 | 38.5 |
| 1997 | 17.3 | 18.0 | 20.6 | 27.9 |
| 1996 | 12.9 | 16.1 | 18.4 | 22.7 |
| 1995 | 26.5 | 27.7 | 24.6 | 31.7 |
| 1994 | 29.7 | 26.0 | | |
| 1993 | 15.0 | 16.2 | | |
| 1992 | 15.2 | 13.3 | | |

CLIMATOLOGICAL DATA

| | |
|--|---|
| * Average air temperature (°F) | Max <u>84.4°</u> Min <u>72.4°</u> Mean <u>78.4°</u> |
| * Rainfall total for week (inches)..... <u>7.74</u> | * Mean soil moisture (percent available in soil) |
| | 6-inch depth..... <u>98.0%</u> |
| * Rainfall total for year (inches)..... <u>32.71</u> | 12-inch depth..... <u>99.3%</u> |
| | 18-inch depth..... <u>98.3%</u> |

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