

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

| | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Growth Measurement No. <u>5</u> | Growth from <u>5/1 '02</u> to <u>5/7 '02</u> |
| Average growth (inches) this week 1st-Stubble | CP 70-321 <u>2.65</u> HoCP 85-845 <u>2.90</u> LCP 85-384 <u>3.10</u> HoCP 91-555 <u>2.40</u> |
| Average growth (inches) this week Plant-Cane | CP 70-321 <u>1.90</u> HoCP 85-845 <u>1.95</u> LCP 85-384 <u>2.95</u> HoCP 91-555 <u>1.75</u> |
| Average height (inches) to date 1st-Stubble | CP 70-321 <u>8.90</u> HoCP 85-845 <u>11.05</u> LCP 85-384 <u>8.05</u> HoCP 91-555 <u>7.85</u> |
| Average height (inches) to date Plant-Cane | CP 70-321 <u>7.45</u> HoCP 85-845 <u>8.50</u> LCP 85-384 <u>9.80</u> HoCP 91-555 <u>9.10</u> |

Average height in inches

| YEAR | CP 70-321 | | LCP 85-384 | |
|------|--------------------------|------------|--------------------------|------------|
| | 1 ST -STUBBLE | PLANT-CANE | 1 ST -STUBBLE | PLANT-CANE |
| 2002 | 8.9 | 7.5 | 8.1 | 9.8 |
| 2001 | 8.0 | 8.3 | 9.4 | 7.8 |
| 2000 | 9.5 | 11.7 | 10.7 | 10.1 |
| 1999 | 10.7 | 7.0 | 12.3 | 9.9 |
| 1998 | 7.8 | 6.9 | 8.5 | 5.2 |
| 1997 | 6.3 | 5.6 | 7.7 | 5.0 |
| 1996 | 5.3 | 3.5 | 4.3 | 4.3 |
| 1995 | 9.4 | 6.8 | 8.3 | 3.8 |
| 1994 | 7.3 | 8.6 | | |
| 1993 | 5.4 | 3.7 | | |

CLIMATOLOGICAL DATA

| | |
|------------------------------------------------------|-----------------------------------------------------------------------------|
| * Average air temperature (°F) | Max <u>88.9°</u> Min <u>73.3°</u> Mean <u>81.1°</u> |
| * Rainfall total for week (inches)..... <u>0.00</u> | * Mean soil moisture (percent available in soil) |
| | 6-inch depth..... <u>55.0%</u> |
| * Rainfall total for year (inches)..... <u>14.21</u> | 12-inch depth..... <u>50.0%</u> |
| | 18-inch depth..... <u>84.3%</u> |

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