

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

Growth Measurement No. 2

Growth from 4/1 '09 to 4/8'09

| | | |
|---|-------------------|-------------|
| Average growth (inches) this week Plant-Cane | HoCP 96-540 | <u>0.55</u> |
| | L 99-226..... | <u>0.45</u> |
| | L 99-233..... | <u>0.90</u> |
| | HoCP 00-950 | <u>0.55</u> |
| Average growth (inches) this week 1st-Stubble | HoCP 96-540 | <u>0.35</u> |
| | L 99-226..... | <u>0.20</u> |
| | L 99-233..... | <u>0.60</u> |
| | HoCP 00-950 | <u>0.25</u> |
| Average height (inches) to date Plant-Cane | HoCP 96-540 | <u>3.80</u> |
| | L 99-226 | <u>3.80</u> |
| | L 99-233..... | <u>6.10</u> |
| | HoCP 00-950 | <u>3.25</u> |
| Average height (inches) to date 1st-Stubble | HoCP 96-540 | <u>4.85</u> |
| | L 99-226..... | <u>3.85</u> |
| | L 99-233..... | <u>5.95</u> |
| | HoCP 00-950 | <u>4.85</u> |

**Average height in inches
 HoCP 96-540**

| YEAR | PLANT-CANE | 1 ST -STUBBLE |
|------|------------|--------------------------|
| 2009 | 3.8 | 4.8 |
| 2008 | 5.1 | 3.1 |
| 2007 | 3.5 | 4.3 |
| 2006 | 6.9 | 4.6 |
| 2005 | 4.3 | 5.5 |
| 2004 | 4.3 | 4.5 |

**CLIMATOLOGICAL DATA
 April 1 to April 8, 2009**

| | | |
|---|--|-------------|
| * Average air temperature (°F) | Max | <u>84.0</u> |
| | Min | <u>44.0</u> |
| | Mean..... | <u>63.6</u> |
| | Avg. High | <u>72.4</u> |
| | Avg. Low | <u>54.7</u> |
| * Rainfall total for week (inches)..... <u>0.14</u> | * Mean soil moisture (percent available in soil) | |
| | 6-inch depth | ___ |
| * Rainfall total for year (inches)..... <u>8.56</u> | 12-inch depth | ___ |
| | 18-inch depth | ___ |

* Temperature, rainfall, and soil moisture recorded from Ardoyne Farm.