

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

Growth Measurement No. <u>9</u>	Growth from <u>5/20</u> '09 to <u>5/27</u> '09
Average growth (inches) this week Plant-Cane	HoCP 96-540 <u>3.80</u> L 99-226..... <u>3.55</u> L 99-233..... <u>7.55</u> HoCP 00-950 <u>3.55</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 <u>2.65</u> L 99-226..... <u>3.05</u> L 99-233..... <u>6.90</u> HoCP 00-950 <u>1.55</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 <u>17.35</u> L 99-226 <u>18.05</u> L 99-233..... <u>31.55</u> HoCP 00-950 <u>14.70</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 <u>15.20</u> L 99-226..... <u>16.05</u> L 99-233..... <u>28.00</u> HoCP 00-950 <u>9.65</u>

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

YEAR	PLANT-CANE	1 ST -STUBBLE
2009	17.4	15.2
2008	18.2	15.4
2007	11.8	14.0
2006	25.0	17.0
2005	12.5	15.0
2004	20.6	19.6

**CLIMATOLOGICAL DATA
 May 20 to May 27, 2009**

* Average air temperature (°F)	Max <u>85.0</u> Min <u>56.0</u> Mean <u>74.9</u> Avg. High <u>83.0</u> Avg. Low <u>66.9</u>
* Rainfall total for week (inches)..... <u>1.08</u>	* Mean soil moisture (percent available in soil)
	6-inch depth <u> </u>
* Rainfall total for year (inches)..... <u>12.87</u>	12-inch depth <u> </u>
	18-inch depth <u> </u>

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

SAVE THE DATE: The USDA and the LSU Ag Center are sponsoring a Sugarcane Field Day at the USDA-ARS Ardoyne Research Farm at 501 Bull Run Road in Schriever, LA on Friday, June 5th. A tentative program is also attached along with the growth measurements. We believe that we have information to present that will be of a benefit to the entire sugarcane industry. Please plan to come and **invite your friends**.

Our growth measurements, as well as the agenda for our field day, can also be found at our website at: www.ars.usda.gov/main/site_main.htm?modecode=64-10-00-00.