

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

Growth Measurement No. <u>5</u>	Growth from <u>4/22'09</u> to <u>4/29'09</u>
Average growth (inches) this week Plant-Cane	HoCP 96-540 <u>2.00</u> L 99-226..... <u>1.60</u> L 99-233..... <u>2.15</u> HoCP 00-950 <u>0.95</u>
Average growth (inches) this week 1st-Stubble	HoCP 96-540 <u>1.00</u> L 99-226..... <u>0.95</u> L 99-233..... <u>1.85</u> HoCP 00-950 <u>0.40</u>
Average height (inches) to date Plant-Cane	HoCP 96-540 <u>6.45</u> L 99-226 <u>6.35</u> L 99-233..... <u>9.85</u> HoCP 00-950 <u>4.45</u>
Average height (inches) to date 1st-Stubble	HoCP 96-540 <u>6.65</u> L 99-226..... <u>5.25</u> L 99-233..... <u>9.20</u> HoCP 00-950 <u>6.65</u>

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

YEAR	PLANT-CANE	1 ST -STUBBLE
2009	6.5	6.7
2008	8.2	5.7
2007	5.0	6.2
2006	10.1	7.7
2005	5.2	6.9
2004	7.7	7.8

**CLIMATOLOGICAL DATA
 April 22 to April 29, 2009**

* Average air temperature (°F)	Max <u>83.0</u> Min <u>61.0</u> Mean <u>74.2</u> Avg. High <u>82.4</u> Avg. Low <u>66.0</u>
* Rainfall total for week (inches)..... <u>0.00</u>	* Mean soil moisture (percent available in soil)
* Rainfall total for year (inches)..... <u>8.58</u>	6-inch depth <u> </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.