

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

Growth Measurement No. 7

Growth from 5/7/2014 to 5/13/2014

|                                                   |                           |
|---------------------------------------------------|---------------------------|
| Average growth (inches) this week Plant-Cane      | HoCP 96-540 .....1.45     |
|                                                   | L 99-226.....1.60         |
|                                                   | L 01-299.....1.05         |
|                                                   | HoCP 04-838 .....1.15     |
| <br>Average growth (inches) this week 1st-Stubble | <br>HoCP 96-540 .....1.00 |
|                                                   | L 99-226.....1.70         |
|                                                   | L 01-299.....1.00         |
|                                                   | HoCP 04-838 .....0.90     |
| <br>Average height (inches) to date Plant-Cane    | <br>HoCP 96-540 .....6.65 |
|                                                   | L 99-226.....6.75         |
|                                                   | L 01-299.....3.75         |
|                                                   | HoCP 04-838 .....5.90     |
| <br>Average height (inches) to date 1st-Stubble   | <br>HoCP 96-540 .....5.75 |
|                                                   | L 99-226.....7.20         |
|                                                   | L 01-299.....4.45         |
|                                                   | HoCP 04-838 .....4.85     |

**For week of** 5/7/2014 to 5/13/2014

| Average Height and Growth (in Inches) |                   |                    |                   |                    |
|---------------------------------------|-------------------|--------------------|-------------------|--------------------|
| HoCP 96-540                           |                   |                    |                   |                    |
| Year                                  | Plant-Cane Growth | 1st Stubble Growth | Plant-Cane Height | 1st Stubble Height |
| 2014                                  | 1.45              | 1.00               | 6.65              | 5.75               |
| 2013                                  | 0.95              | 0.65               | 8.45              | 5.65               |
| 2012                                  | 3.40              | 5.50               | 19.80             | 22.70              |
| 2011                                  | 0.95              | 1.55               | 11.35             | 13.10              |
| 2010                                  | 1.90              | 1.60               | 11.95             | 8.90               |
| 2009                                  | 3.00              | 2.40               | 11.00             | 10.40              |
| 2008                                  | 2.15              | 2.00               | 11.65             | 9.30               |
| 2007                                  | 1.55              | 2.10               | 8.45              | 9.95               |
| 2006                                  | 1.25              | 1.44               | 14.30             | 11.85              |
| 2005                                  | 1.70              | 1.80               | 7.55              | 9.65               |
| 2004                                  | 2.55              | 2.40               | 12.00             | 11.50              |

**GROWTH MEASUREMENTS CLIMATOLOGICAL DATA**

For week of 05/06 to 05/12

| Year | Max Air Temp | Min Air Temp | Avg. High Temp | Avg. Low Temp | Rain for week |
|------|--------------|--------------|----------------|---------------|---------------|
| 2014 | 84           | 56           | 82.2           | 65.8          | 1.70          |
| 2013 | 80           | 48           | 76.4           | 58.6          | 6.20          |
| 2012 | 90           | 62           | 83.0           | 65.8          | 5.14          |
| 2011 | 88           | 50           | 86.0           | 61.0          | 0.02          |
| 2010 | 87           | 58           | 84.7           | 65.9          | 0.00          |
| 2009 | 89           | 68           | 86.6           | 72.3          | 0.02          |
| 2008 | 87           | 55           | 84.3           | 64.4          | 0.00          |
| 2007 | 93           | 60           | 87.6           | 64.3          | 0.01          |
| 2006 | 87           | 51           | 84.6           | 65.3          | 0.00          |
| 2005 | 90           | 51           | 86.0           | 58.3          | 0.00          |
| 2004 | 86           | 56           | 85.0           | 62.4          | 0.28          |
| Avg. | 87           | 56           | 84.2           | 64.0          | 1.22          |

Rainfall total for 2014 (inches)..... 16.62