

Dixon Springs Agricultural Center Brownstown Agronomy Research Center

Crop Sciences

Southern Illinois Newsletter

June, 2008 (Volume 4:4)

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Weather and Crop Report.

Wheat is harvested, double-crop beans are planted, side-dress N has been applied, borders are mowed, and most spraying is done. It appears that we have caught up after all. Now our attention is focused on fungicide plots for corn and soybeans, irrigated soybeans, plant sampling and late season monitoring. Early planted corn is tasseling and looks pretty good, although as you can tell from the June rainfall totals at Dixon Springs, we are in need of some rain (even though we are still ahead for the year by nearly twelve inches). Soybeans were planted late and have not yet begun to bloom. June rainfall at Brownstown is very favorable for crop production.

We are working on Field Day preparations at both Brownstown and Dixon Springs – see attached programs.

Variety trial wheat yields averaged 74 bu/acre at Dixon Springs and 88 bu/acre at Brownstown. Results should be available at the website below very shortly:

<http://vt.cropsci.uiuc.edu/wheat.html>

Mark Your Calendars

| | |
|---|-----------|
| Brownstown Field Day (see attached program) | July 31 |
| Dixon Springs Field Day (see attached program) | August 7 |
| Urbana Field Day | August 21 |

Dixon Springs Weather Summary 2008

| Month | Total Rainfall | Departure From Normal | Growing Degree Days | Departure From Normal | Ave. Air Temp. | | Soil Temp. 4" Sod | | Soil Temp. 4" Bare | |
|---------------|----------------|-----------------------|---------------------|-----------------------|----------------|-----|-------------------|-----|--------------------|-----|
| | | | | | High | Low | High | Low | High | Low |
| January | 2.47 | -1.09 | 52 | 16 | 44 | 25 | 41 | 40 | 34 | 33 |
| February | 6.38 | 2.98 | 56 | -14 | 45 | 29 | 44 | 42 | 40 | 36 |
| March | 12.48 | 8.19 | 169 | -16 | 59 | 39 | 51 | 48 | 49 | 42 |
| April | 7.81 | 3.33 | 324 | -29 | 69 | 47 | 63 | 60 | 59 | 53 |
| May | 5.35 | 0.08 | 531 | -16 | 78 | 56 | 72 | 69 | 68 | 61 |
| June | 2.32 | -1.72 | 797 | 86 | 89 | 68 | 85 | 80 | 83 | 74 |
| <i>Totals</i> | <i>36.81</i> | <i>11.78</i> | <i>1928</i> | <i>27</i> | | | | | | |

Brownstown Weather Summary 2008

| Month | Total Rainfall | Departure From Normal | Growing Degree Days | Departure From Normal | Ave. Air Temp. | | Soil Temp. 4" Sod | | Soil Temp. 4" Bare | |
|---------------|----------------|-----------------------|---------------------|-----------------------|----------------|-----|-------------------|-----|--------------------|-----|
| | | | | | High | Low | High | Low | High | Low |
| January | 2.44 | -0.68 | 42 | 20 | 40 | 23 | 41 | 39 | 43 | 41 |
| February | 4.80 | 2.51 | 15 | -26 | 37 | 29 | 36 | 34 | 38 | 35 |
| March | 7.44 | 5.26 | 71 | -41 | 50 | 34 | 41 | 39 | 44 | 41 |
| April | 4.89 | 0.14 | 217 | -49 | 62 | 46 | 53 | 51 | 56 | 54 |
| May | 7.53 | 2.59 | 401 | -74 | 71 | 54 | 61 | 59 | 65 | 63 |
| June | 6.50 | 1.34 | 771 | 94 | 86 | 67 | 69 | 69 | 72 | 70 |
| <i>Totals</i> | <i>33.60</i> | <i>11.16</i> | <i>1501</i> | <i>-76</i> | | | | | | |

Brownstown Agronomy Research Center

2008 Field Day

Thursday, July 31, 9 A.M.

Rain or Shine

Wheat

Managing Foliar and Head Diseases with Fungicides

Carl Bradley—Extension Specialist, Plant Pathology—University of Illinois

Weed Management

Roundup®, Resistance, and Residuals

Dawn Refsell—Extension Specialist, Weed Science—University of Illinois

Corn & Soybean

After a Rough Start, What Can We Expect?

Emerson Nafziger—Extension Specialist, Crop Production—University of Illinois

Insect Management

The Old and the New

Kevin Steffey, Extension Specialist, Entomology—University of Illinois

Soil Fertility

Prioritizing Fertilizer Inputs When Prices are High

Fabian Fernandez—Extension Specialist, Soil Fertility—University of Illinois

Final Tour will Start at 9:30 a.m.

- Free Lunch Served -

For Further Information Contact:

Robert Bellm (618-692-9434)

Research Center located on Illinois Route 185 south of Brownstown

2.5 CCA-CEUs Applied For

If you need a reasonable accommodation or specific dietary needs to participate in this program, contact Robert Bellm by July 24th.

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DIXON SPRINGS AGRICULTURAL CENTER

Center-Wide Field Day

Thursday, August 7

8 A.M. to 1 P.M.

Agronomy Tour (CEUs = 1.0 hrs. IPM, 0.5 hr. NM and 0.5 hr. CM)

Bus leaves at: 8:00, 9:00, 10:00 (or as needed)

- Implications of gene stacking in hybrid corn
- Roundup®, Resistance, and Residuals
- Managing wheat diseases with fungicides
- Prioritizing fertilizer inputs when prices are high
- Miscanthus production in southern Illinois

Mike Gray
Dawn Refsell
Carl Bradley
Fabian Fernandez
Frank Dohleman

Animal Sciences

- Overview discussion on beef research

Frank Ireland

Horticulture Tour (CEUs = 1.5 hrs CM)

Wagon leaves at: 8:00, 10:00 (or as needed)

- Organic apple production
- Basics of Strawberry Production
- Blueberry Production

Rick Weinzierl
Jeff Kindhart
Bronwyn Aly

Natural Resources

Wagon leaves at: 8:00, 10:00 (or as needed)

- Pond management
- Southeastern Illinois Prescribed Burn Association

Kurt Daine
Dick Johnson

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University of Illinois Extension provides equal opportunities in programs and employment.
If you need disability accommodations to participate in this program, please indicate when registering. 2008

- Free Lunch Served -

Directions

The Dixon Springs Ag Center is located on Illinois Route 145, 25 miles south of Harrisburg, Illinois, and 25 miles north of Paducah, Kentucky