

## 2013 POSEY & SPENCER COUNTY WHEAT VARIETY TRIALS

Attached are the results from the Posey and Spencer County, Purdue Extension Wheat Variety Trials. We want to express our appreciation to our Cooperators: Alan and Dan Bender in Posey County and Byron Stallings in Spencer County for their patience and cooperation in allowing us to conduct these wheat trials on their farms. If you have any questions about either of these plots, don't hesitate to contact us (our information is listed below).

**NOTES:** The Posey and Spencer plots were planted in a timely fashion this year and experienced more normal growing conditions that last year. The Posey plot did have a fungicide flown on, but the Spencer plot did not have a fungicide application. This may have contributed to the increased lodging experienced there than in Posey County. Like everyone else, we had a hard time getting the plots harvested, in between the rains. The rains in late spring likely contributed to the lower test weights. Thanks to Richard Baylis from Crop Production Services and Chuck Mansfield for their help throughout the year, scouting the plots for insects and diseases, as well as, their help with harvest and statistical analysis. Contact us if you would like more information about the plots. Thanks- Jon & Nick

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### **SEED COMPANY CONTACTS**

Thanks to the following companies and representatives for providing the seed and plot fees used to conduct the Wheat Variety trials in Posey and Spencer Counties.

| <b><u>COMPANY</u></b>   | <b><u>NAME</u></b> | <b><u>PHONE #</u></b> |
|-------------------------|--------------------|-----------------------|
| Agri MAXX Wheat Company | Leo Zimmer         | (812) 455-8126        |
| Baker Seeds             | Mike Baker         | (618) 456-8851        |
| Beck's                  | Gene Hagedorn      | (812) 453-3581        |
| CPS- Opti-Crop Services | Richard Baylis     | (812) 499-7441        |
| Croplan                 | Jediah French      | (812) 608-1380        |
| Dyna-Gro                | Josh Kohlmeyer     | (812) 664-3222        |
| Pioneer                 | Andy Eisterhold    | (812) 459-6840        |
| Seed Consultants, Inc.  | Bill Mullen        | (740) 505-2022        |
| Stewart Seed            | Brian Denning      | (812) 455-7346        |
| Steyer Seeds            | Joe Steyer         | (419) 355-6708        |
| Sunstar Hybrids         | Seth Taylor        | (812) 830-0221        |
| Syngenta Seeds          | Dan Rowland        | (260) 248-1700        |

## 2013 SPENCER COUNTY PURDUE EXTENSION WHEAT PLOT

| COMPANY NAME     | VARIETY   | TEST   |        |         |
|------------------|-----------|--------|--------|---------|
|                  |           | WEIGHT | MOIST. | YIELD   |
| Pioneer Hybrids  | 25R77     | 56.4   | 16.5   | 124.0 * |
| Pioneer Hybrids  | 25R40     | 55.9   | 17.1   | 123.7 * |
| Beck's Hybrids   | 120       | 54.6   | 16.1   | 123.4 * |
| Stewart Seeds    | SW485     | 54.8   | 15.5   | 121.3 * |
| AgriMAXX         | 413       | 53.6   | 15.6   | 121.3 * |
| Dyna-Gro         | 9042      | 56.7   | 16.6   | 120.4 * |
| Steyer Seeds     | Hunker    | 54.3   | 15.8   | 120.1 * |
| Seed Consultants | SC1321TM  | 53.2   | 16.0   | 119.7 * |
| Sunstar Hybrids  | S-1200    | 53.2   | 16.0   | 119.7 * |
| Dyna-Gro         | 9171      | 53.1   | 16.5   | 119.3 * |
| Baker Seeds      | Branson   | 54.0   | 16.1   | 118.0 * |
| Beck's Hybrids   | 113       | 56.5   | 16.4   | 116.7 * |
| Dyna-Gro         | 9223      | 54.9   | 16.2   | 116.1 * |
| Beck's Hybrids   | 129       | 54.1   | 16.0   | 115.0   |
| Syngenta         | MH07-7474 | 56.0   | 16.4   | 114.6   |
| Dyna-Gro         | 9343      | 56.8   | 16.2   | 114.3   |
| AgriMAXX         | 415       | 56.7   | 16.8   | 113.7   |
| Steyer Seeds     | Dowell    | 53.1   | 17.0   | 113.3   |
| Steyer Seeds     | Heilman   | 55.1   | 15.8   | 112.2   |
| Steyer Seeds     | Pierson   | 56.3   | 16.8   | 111.4   |
| AgriMAXX         | 412       | 57.6   | 16.2   | 111.1   |
| AgriMAXX         | 422       | 54.8   | 15.4   | 110.8   |
| Sunstar Hybrids  | S-1100    | 53.1   | 16.3   | 110.5   |
| Syngenta         | SY1526    | 56.7   | 16.1   | 110.1   |
| Stewart Seeds    | SW490     | 55.0   | 16.1   | 109.9   |
| Beck's Hybrids   | 135       | 55.1   | 17.5   | 109.9   |
| Syngenta         | SY483     | 52.3   | 15.7   | 107.1   |
| Croplan          | 9201      | 55.0   | 17.2   | 105.0   |
| Baker Seeds      | 110A      | 53.8   | 15.9   | 104.8   |
| Stewart Seeds    | SW495     | 56.1   | 15.4   | 104.4   |
| Baker Seeds      | 115S      | 51.7   | 15.9   | 104.1   |
| Stewart Seeds    | SW475     | 55.6   | 15.6   | 102.9   |
| Seed Consultants | SC1302TM  | 57.9   | 16.0   | 101.6   |
| Syngenta         | W1104     | 51.2   | 15.7   | 100.3   |
| Baker Seeds      | 200S      | 54.6   | 15.9   | 99.1    |
| Croplan          | 9101      | 54.1   | 17.2   | 98.8    |
| Seed Consultants | SC1342TM  | 54.1   | 16.7   | 98.7    |
| Sunstar Hybrids  | S-1000    | 56.5   | 16.3   | 95.1    |
| Pioneer Hybrids  | 25R39     | 52.7   | 16.1   | 94.7    |
| Croplan          | 9012      | 56.1   | 16.3   | 94.1    |
| Pioneer Hybrids  | 25R62     | 51.3   | 16.5   | 93.0    |
| Seed Consultants | SC1341TM  | 51.9   | 16.0   | 92.0    |
| Croplan          | 8925      | 52.7   | 17.2   | 86.7    |

### 2013 Spencer County Wheat Plot Information

Minimum significant difference for YIELD is 8.62 bu.

Minimum significant difference for TEST WT is 1.42 lbs.

Any pairwise comparison is appropriate.

YIELD followed by an asterisk (\*) is not significantly different from the highest yield.

Coefficient of variation (for yield) is 5.63

Average yield for the plot is 109.4 bu/acre.

**Planting Date:** 10/17/12

**Harvest Date:** 6/26/13

**Fall Fertilizer:**

**Population:** 1.7 million seeds/acre

**Nitrogen Topdress:**

**Pesticides:** no fungicide applied to plot

**Special Thanks to Cooperator:** Byron Stallings

#### **Also Thanks:**

Thanks to all of the seed companies that provided seed and fees for this year's plots! Their contact information is on the back of this sheet. Also thanks to Dr. Charles Mansfield from Purdue University at the Vincennes Univeristy campus for help with plot work & statistical analysis. I want to also recognize Area Extension Educators Amanda Mosiman, Jon Neufelder and Hans Schmitz for help with planning, planting and harvesting the plots.

#### **For Additional Information Contact:**

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 (812) 649-6022

**PLOT AVERAGE:**      **54.6**      **16.2**      **109.4**

## 2013 POSEY COUNTY PURDUE EXTENSION COUNTY WHEAT PLOT

| COMPANY NAME         | VARIETY   | TEST        |             |              |
|----------------------|-----------|-------------|-------------|--------------|
|                      |           | WEIGHT      | MOIST.      | YIELD        |
| AgriMAXX             | 413       | 58.2        | 13.5        | 125.2 *      |
| Dyna-Gro             | 9223      | 58.5        | 14.9        | 124.1 *      |
| Beck's Hybrids       | 120       | 57.7        | 13.7        | 124.0 *      |
| Sunstar Hybrids      | S-1200    | 57.4        | 13.5        | 124.0 *      |
| Seed Consultants     | SC1321™   | 58.1        | 13.4        | 123.0 *      |
| Steyer Seeds         | Hunker    | 58.9        | 14.2        | 121.6 *      |
| Beck's Hybrids       | 129       | 58.2        | 15.1        | 121.5 *      |
| Croplan              | 9201      | 58.4        | 14.2        | 120.7 *      |
| Syngenta             | SY483     | 58.1        | 13.5        | 120.6 *      |
| Beck's Hybrids       | 113       | 58.2        | 14.3        | 120.1 *      |
| Dyna-Gro             | 9171      | 57.1        | 14.1        | 119.9 *      |
| AgriMAXX             | 422       | 59.7        | 14.2        | 118.2 *      |
| Syngenta             | W1104     | 57.0        | 13.8        | 117.8 *      |
| Pioneer Hybrids      | 25R39     | 59.5        | 14.5        | 117.3 *      |
| Dyna-Gro             | 9042      | 59.0        | 14.4        | 116.8        |
| Stewart Seeds        | SW490     | 58.8        | 14.2        | 116.3        |
| Dyna-Gro             | 9343      | 60.4        | 14.0        | 116.2        |
| Baker Seeds          | 115S      | 57.2        | 13.4        | 116.0        |
| Beck's Hybrids       | 135       | 59.5        | 15.1        | 115.8        |
| Baker Seeds          | 200S      | 58.5        | 14.1        | 115.7        |
| Steyer Seeds         | Pierson   | 60.3        | 13.8        | 115.3        |
| Seed Consultants     | SC1341™   | 56.7        | 14.2        | 115.0        |
| AgriMAXX             | 415       | 60.8        | 14.7        | 114.6        |
| Steyer Seeds         | Dowell    | 57.8        | 14.9        | 114.6        |
| Pioneer Hybrids      | 25R77     | 58.6        | 14.2        | 114.4        |
| Baker Seeds          | 110A      | 57.9        | 14.6        | 113.7        |
| Pioneer Hybrids      | 25R40     | 60.4        | 14.6        | 112.8        |
| Seed Consultants     | SC1342™   | 57.4        | 14.6        | 112.4        |
| Steyer Seeds         | Heilman   | 56.6        | 13.8        | 112.1        |
| Baker Seeds          | Branson   | 57.9        | 14.0        | 110.8        |
| AgriMAXX             | 412       | 60.7        | 14.7        | 110.2        |
| Syngenta             | SY1526    | 59.2        | 13.7        | 109.7        |
| Croplan              | 9101      | 58.0        | 14.2        | 109.4        |
| Pioneer Hybrids      | 25R62     | 56.0        | 12.9        | 109.4        |
| Sunstar Hybrids      | S-1100    | 57.2        | 14.6        | 109.2        |
| Seed Consultants     | SC1302™   | 60.6        | 14.2        | 109.1        |
| Stewart Seeds        | SW475     | 58.4        | 13.7        | 109.0        |
| Stewart Seeds        | SW495     | 59.2        | 13.3        | 108.6        |
| Stewart Seeds        | SW485     | 59.5        | 13.7        | 108.3        |
| Syngenta             | MH07-7474 | 59.5        | 14.4        | 105.6        |
| Sunstar Hybrids      | S-1000    | 59.6        | 13.6        | 102.2        |
| Croplan              | 9012      | 58.9        | 13.9        | 101.9        |
| Croplan              | 8925      | 59.2        | 14.8        | 93.6         |
| <b>PLOT AVERAGE:</b> |           | <b>58.6</b> | <b>14.1</b> | <b>114.3</b> |

### 2013 Posey County Wheat Plot Information

Minimum significant difference for YIELD is 8.26 bu.  
 Minimum significant difference for TEST WT is 1.52 lbs.  
 Any pairwise comparison is appropriate.  
 YIELD followed by an asterisk (\*) is not significantly different from the highest yield.  
 Coefficient of variation (for yield) is 5.16  
 Average yield for the plot is 114.3 bu/acre.

**Planting Date:** 10/11/12

**Harvest Date:** 6/28/13

**Fall Fertilizer:**

**Population:** 1.7 million seeds/acre

**Nitrogen Topdress:** 90 lbs. of N on 3-12-13

**Pesticides:**

fungicide applied: 5/11/13

### **Special Thanks to Cooperators:**

Alan and Dan Bender

### **Also Thanks:**

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