

**WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2014**  
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The 2013-14 wheat season was a fairly good one in Illinois, with good yields but with grain quality issues due to wet weather in the spring. Acres planted for grain dropped from 875,000 in fall 2012 to 750,000 in 2013. The 2014 yield is currently estimated at 67 bushels per acre, the same as the 2013 yield. This yield is the second-highest we have produced in Illinois.

The late summer in 2013 was dry, but corn and soybean yields were good and harvest was at the normal time. Wheat was planted on time to somewhat later than normal due to October rainfall. Stands were generally good, but fall growth was limited to some extent due to cool weather starting in October. The winter of 2013-14 was cold with above-average snowfall in most areas. There was no general mid-winter thaw, but rainfall in mid-February was heavy in some areas, and was followed by low temperatures again. Damage from cold and standing water was extensive in northern Illinois, and this led to abandonment of a number of fields; of the 750,000 acres planted, only 690,000 were harvested for grain. March was cool and dry, which delayed greenup, and the crop remained behind in its development throughout the spring. Wet weather in May and June resulted in substantial infections of Fusarium head blight in most areas of Illinois. Harvest was delayed by late crop development and by wet weather.

The 2014 wheat variety trials were planted on time, under good soil conditions. Most locations were affected by disease and delayed harvest, but even with low test weights, yields were very good at most locations. The trial at DeKalb was mostly killed out by cold weather, and this trial was not harvested for yield.

Plots in these trials were seeded at the rate of 36 seeds per square foot, and consisted of six, 7.5-inch rows trimmed to about 17 feet long before harvest. There were three replications. Yields were corrected to 13.5% moisture. Entries treated with seed-applied insecticide have insecticide treatment identified by product name.

<u>Location</u>	<u>Cooperators</u>	<u>Soil type</u>	<u>Planted</u>	<u>N fertilizer</u>	<u>Harvest</u>
Dixon Springs	John Pike	Grantsburg silt loam	Oct. 14	30 Fall 90 Spring	June 23
Belleville	Ron Krausz	Ebbert silt loam	Oct. 14	30 Fall 85 Spring	June 26
Brownstown	Lindell Deal	Cisne silt loam	Oct. 10	30 Fall 120 Spring	June 23
Orr Center	Mike Vose	Clarksdale silt loam	Sept. 30	30 Fall 80 Spring	July 3
Urbana	Bob Dunker Jeff Warren	Flanagan silt loam	Sept. 25	40 Fall 40 Spring	July 7
DeKalb	Greg Steckel Dave Lindgren	Elpaso silty clay loam	Sept. 27	30 Fall 40 Spring	Did not harvest

Participating companies are listed on Page 2, regional data in Tables 1 and 2, individual location data in Tables 3 to 8, wheat variety characteristics in Table 9, and the Fusarium head scab ratings in Table 10.

## Participating Companies

We thank these companies for their support of this program in 2014.

AgriMAXX Wheat Co  
7167 Highbanks Rd  
Mascoutah, IL 62258  
(855) 629-9432

GROWMARK, Inc.  
1701 Towanda Ave., PO 2500  
Bloomington, IL 61701  
(309) 557-6399

Pro Harvest Seeds, Inc.  
2737 N 700 E Rd  
Ashkum, IL 60911  
(815) 698-2204

Baird Seed Farms  
1122 Knox Hwy 18  
Williamsfield, IL 61489  
(309) 639-4224

Hartke Seed Farms  
22679 Sunset Rd  
Litchfield, IL 62059  
(217) 324-2680

Pro Seed Genetics  
N 4297 City Hwy E  
Kewaunee, WI 54216  
(920) 988-2824

Beck's Hybrids  
6767 E 276<sup>th</sup> St  
Atlanta, IN 46031  
(317) 984-3508

Hoffman Seed House  
PO Box 66, 200 E 4<sup>th</sup> St  
Hoffman, IL 62250  
(618) 495-2617

Steyer Seeds  
6154 N Co Rd 33  
Tiffin, OH 44883  
(800) 231-4274

BioTown Seeds  
Box 299  
Reynolds, IN 47980  
(219) 984-5247

Kitchen Seed Company  
PO Box 286  
Arthur, IL 61911  
(217) 543-3476

Sunstar Hybrids  
14993 State Road 17  
Culver, IN 46511-9642  
(574) 842-2775

DeRaedt Seed Corp.  
10 N 971 Tower Road  
Hampshire, IL 60140  
(847) 514-8844

Kratz Farms LLC  
4380 Sherman Road  
Slinger, WI 53086  
(262) 644-9426

Syngenta  
2426 Webster Rd  
Monroeville, IN 46773  
(765) 412-5420

DuPont Pioneer  
421 Detroit Drive  
Bloomington, IL 61704  
(800) 950-3489

Lewis Hybrids, Inc  
530 West Maple Ave.  
Ursa, IL 62376  
(217) 964-2131

UniSouth Genetics, Inc.  
3205C HWY 46 S  
Dickson, TN 37055  
(615) 515-3133

Dyna-Gro Seed  
6221 Riverside Drive, Suite 1  
Dublin, OH 43017  
(614) 761-4110, ext 3

Martin Seeds, Inc.  
10045W Second  
Williamsport, IN 47993  
(765) 986-2030

Virginia Crop Improvement  
9225 Atlee Branch Lane  
Mechanicsville, VA 23116  
(804) 746-4884

Equity Seed  
PO Box 978  
Westfield, IN 46074  
(317) 867-2238

Merschman Seeds, Inc  
103 Ave D, PO Box 67  
West Point, IA 52656  
(800) 848-7333

Green Valley Seed, LLC  
P O Box 35  
Kahoka, MO 63445  
(660) 727-3341

Miller Bros. Farm & Fertilizer  
2001 Niemannsville Trail  
Walshville, IL 62091  
(217) 456-9311