

WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2013
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The 2012-13 wheat season was a reasonably good one in Illinois, with above-average yields but with some quality issues due to wet weather in the spring. Acres planted for grain increased from 645,000 acres in 2012 to 820,000 acres in 2013, and 2013 yield is projected at 65 bushels per acre, 2 bushels more than in 2012. The 2013 yield is the second-highest on record.

The very dry summer and fall of 2012 was relieved somewhat by rains (including remnants of a hurricane in early September) in August and September. The corn crop was very poor in most of Illinois, and was either harvested early or destroyed, so more than usual amounts of wheat followed corn. Some was planted earlier than normal, and access to nitrogen was above normal in many fields that were corn in 2012. With rainfall continuing through the fall and soybean harvest delayed, some of the crop was planted late as well. Stands were generally good, and fall growth was about average. The winter of 2012-13 brought average temperatures, with no mid-winter thaw. There was little damage from standing water or from cold temperatures. The crop greened up somewhat late and remained behind normal development through the spring. The weather remained wetter than normal throughout the spring. The crop was spared serious Fusarium head scab in much of southern Illinois, but not in much of central and northern Illinois. Harvest was delayed by late crop development and by wet weather, with much of the crop harvested and doublecrop soybeans planted in late June or early July.

The 2013 wheat variety trials were planted on time, under good soil conditions. The main factors that negatively affected yields were disease and delayed harvest, with some low test weights and quality issues. The trial at Urbana was somewhat affected by herbicide carryover from 2012, plus wet weather before harvest; data from this trial were supplied to companies but not included in the regional averages. Yields were average to good at southern locations and below average in central and northern Illinois trials.

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	Steve Ebelhar	Grantsburg silt loam	Oct. 23	30 Fall 120 Spring	July 3
Belleville	Ron Krausz	Ebbert silt loam	Oct. 22	30 Fall 85 Spring	July 7
Brownstown	Lindell Deal	Cisne silt loam	Oct. 10	0 Fall 120 Spring	July 8
Orr Center	Mike Vose	Clarksdale silt loam	Oct. 3	45 Fall 80 Spring	June 27
Urbana	Bob Dunker Jeff Warren	Flanagan silt loam	Oct. 1	40 Fall 40 Spring	July 9
DeKalb	Greg Steckel Dave Lindgren	Elpaso silty clay loam	Sept. 25	30 Fall 40 Spring	July 18

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 2013.

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

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

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

BioGene Seeds
5477 Tri-County Hwy
Sardinia, OH 45171
(937) 444-4042

Hoffman Seed House
PO Box 66, 200 E 4th 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

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

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

Direct Enterprises
PO Box 978
Westfield, IN 46074
(888) 895-7333

Limagrain Cereal Seeds LLC
257 East Hail Street
Bushnell, IL 61422
(309) 772-2070

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

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

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

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

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

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