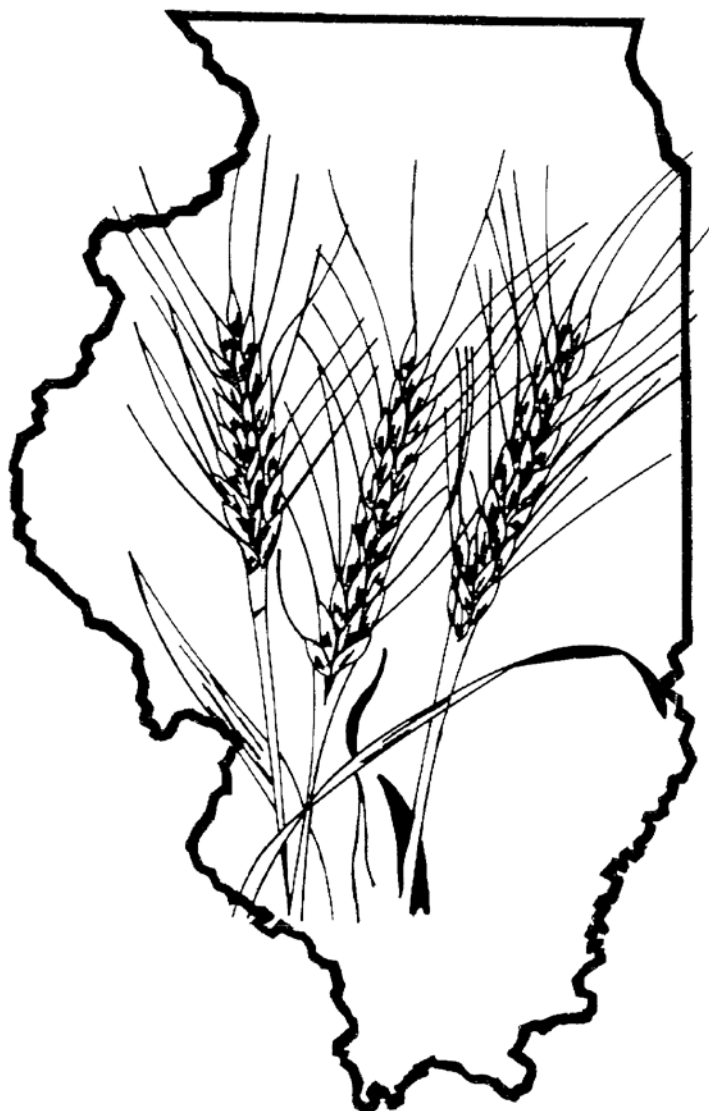


WHEAT PERFORMANCE IN ILLINOIS TRIALS – 2015



**Crop Sciences Special Report 2015-01
Department of Crop Sciences
University of Illinois
July 2015**

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The 2014-15 wheat season was a mixed one in Illinois, with good yields but with grain quality problems following wet weather in the spring. Acres planted for grain dropped from 750,000 in 2013-14 to 590,000 in 2014-15. The 2015 yield is currently estimated at 66 bushels per acre, a bushel less than in 2014. This is a high yield by historical standards.

Harvest of the outstanding 2014 corn and soybean crops was delayed by wet weather, putting wheat planting progress well behind normal, especially in the major wheat-growing area of southwestern Illinois, and including the three southern Illinois trials. Stands ranged from poor to good, and fall growth was limited due to cool, wet weather in October and November. Winter weather was more or less typical, but the crop came out of dormancy in the spring with below-average tiller numbers and, in some fields, poor stands.

Conditions in March and April were cool and relatively dry, so tiller numbers recovered along with yield potential. But measurable rainfall on about half of the days in May made conditions for Fusarium head blight (scab) development nearly ideal in most areas of the state. It rained even more in June, with the monthly rainfall total of more than 9 inches setting a new Illinois record for June. This delayed harvest by days or weeks in most fields. Cycles of wetting and drying of the grain before harvest dropped test weights, sprouting damage was widespread, and vomitoxin (DON) levels were high in some grain. Dockages exceeded the market price of wheat in some cases, and many elevators had to refuse wheat.

The 2014-15 wheat variety trials were planted on time in the northern three locations, but 2 to 3 weeks late in southern Illinois. The late plantings were into marginal soil conditions, and planting was followed by even more rain. Most locations escaped the worst of the disease and harvest delays, however, to produce good or excellent yields. Many of the plots at Brownstown were damaged by standing water, and yields from that location are not reported here.

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 16 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 trade name.

<u>Location</u>	<u>Cooperators</u>	<u>Soil type</u>	<u>Planted</u>	<u>N fertilizer</u>	<u>Harvest</u>
Mulkeytown	Trent Funk	Hoyleton silt loam	Oct. 21	30 Fall 120 Spring	June 25
Belleville	Ron Krausz	Ebbert silt loam	Oct. 21	30 Fall 85 Spring	June 25
Brownstown	Lindell Deal	Cisne silt loam	Oct. 27	30 Fall 100 Spring	June 30
Orr Center	Mike Vose	Clarksdale silt loam	Sept. 30	30 Fall 80 Spring	July 6
Urbana	Bob Dunker Jeff Warren	Flanagan silt loam	Sept. 29	40 Fall 40 Spring	July 1
DeKalb	Greg Steckel Dave Lindgren	Elpaso silty clay loam	Sept. 25	30 Fall 40 Spring	July 15

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 2015.

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

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

Baird Seed Farms
1122 Knox Hwy 18
Williamsfield, IL 61489
(309) 639-2248

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

Steyer Seeds
PO BOX 209
Old Fort, OH 44861
(800) 231-4274

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

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

Stone Seed Group
5965 W State Route 97
Pleasant Plains, IL
217-546-8006

BioTown Seeds
Box 299
Reynolds, IN 47980
(219) 984-6038

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

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

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

Limagrain Cereal Seeds
2040 SE Frontage Rd
Ft. Collins, CO 80525
(970) 498-2200

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

Dyna-Gro Seed
2660 Orr Rd.
Bloomville, Ohio 44818
419-310-6370

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
(888) 898-7333

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

Green Valley Seed, LLC
121 W College St
Kahoka, MO 63445
(800) 748-7943

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

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

Table 1. Southern Illinois regional wheat variety trial results, 2015

Company	Variety	ST ¹	Regional Average				Mulkeytown		Belleville	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 84	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu
AgriMAXX	413	C	95.7	7	56.5	36	110.7	58.7	80.7	54.4
AgriMAXX	415	C	90.4	52	55.4	35	102.8	57.6	78.0	53.2
AgriMAXX	438	C	93.2	24	56.9	35	102.6	58.8	83.8	55.0
AgriMAXX	444	C	77.8	84	55.9	35	71.6	58.2	84.1	53.7
AgriMAXX	446	C	88.8	67	56.8	36	97.2	58.1	80.5	55.4
AgriMAXX	447	C	92.1	31	57.6	36	93.4	59.3	90.8	56.0
AgriMAXX	EXP 1555	C	92.3	30	55.4	35	104.5	58.7	80.1	52.2
Beck's Hybrids	Beck 120	S	88.1	70	55.2	35	90.9	57.9	85.4	52.5
Beck's Hybrids	Beck 125	S	90.7	46	54.8	34	101.4	58.3	80.1	51.4
Beck's Hybrids	EX 5307	S	93.9	12	56.0	36	104.8	58.7	83.0	53.2
Beck's Hybrids	EX 5315	S	97.2	2	57.1	36	104.0	58.8	90.5	55.4
Beck's Hybrids	EX 5401	S	90.8	45	56.2	35	103.7	59.0	78.0	53.3
BioTown Seeds	Diener 491	F	92.1	32	54.7	35	102.0	57.5	82.2	51.9
BioTown Seeds	Diener 496	F	96.9	4	56.9	35	98.9	59.2	94.9	54.7
BioTown Seeds	Diener XW 1502	F	89.8	62	55.4	36	99.5	57.5	80.1	53.2
DuPont Pioneer	Pioneer 25R40	G	89.3	65	56.2	37	96.8	57.5	81.8	54.9
DuPont Pioneer	Pioneer 25R46	G	93.6	20	56.1	35	109.1	59.0	78.0	53.1
DuPont Pioneer	Pioneer 25R50	G	89.4	64	55.9	35	102.9	57.7	75.9	54.2
DuPont Pioneer	Pioneer 25R72	G	91.1	44	55.7	35	96.1	57.8	86.1	53.5
DuPont Pioneer	Pioneer 25R77	G	93.6	18	56.4	35	103.8	57.8	83.4	54.9
Dyna-Gro	9171	G	94.2	9	57.5	36	96.8	58.3	91.6	56.8
Dyna-Gro	9223	G	95.9	6	56.4	36	116.2	58.6	75.7	54.3
Dyna-Gro	9441	G	93.6	18	55.9	36	100.5	59.1	86.8	52.8
Dyna-Gro	9522	G	96.9	5	54.9	35	107.9	59.1	85.8	50.6
Dyna-Gro	9591	G	94.9	8	55.6	35	101.2	58.5	88.5	52.7
Dyna-Gro	WX14611	G	80.6	83	57.4	35	84.5	58.8	76.6	56.0
Dyna-Gro	WX15742	C	92.0	34	55.9	37	102.0	58.6	82.0	53.3
Equity Seed	Butler	G	86.1	75	55.2	34	89.5	58.0	82.6	52.4
Equity Seed	Guardian	G	83.8	79	56.8	36	89.6	59.3	78.0	54.3
GROWMARK	FS 602	C	93.8	14	55.3	36	107.2	56.6	80.4	53.9
GROWMARK	FS 622	C	91.7	37	57.0	36	101.4	58.4	81.9	55.5
GROWMARK	FS 624	C	89.9	59	57.2	35	92.9	59.8	86.9	54.6
GROWMARK	FS 625	C	92.7	27	56.4	36	95.6	57.2	89.8	55.6
GROWMARK	FS 604	C	86.3	74	55.1	35	89.9	57.3	82.7	53.0
GROWMARK	FS 615	C	90.5	49	56.2	36	98.3	58.0	82.7	54.4
Hartke Seed	L-347	G	87.1	73	56.3	35	94.8	58.8	79.4	53.8
Hoffman Seed House	H7W14	C	89.9	60	55.2	35	96.9	57.9	82.9	52.5
Hoffman Seed House	H7W15	C	93.1	25	56.9	36	105.6	59.7	80.6	54.1
Hoffman Seed House	H7W25	C	85.1	77	55.7	37	90.5	57.4	79.7	54.1
Hoffman Seed House	L-Brand 168	C	89.9	58	54.0	35	98.6	57.0	81.2	51.0
Hoffman Seed House	L-Brand 182	C	93.9	12	56.2	35	100.5	58.8	87.3	53.7
Hoffman Seed House	L-Brand 228	C	93.5	21	56.1	36	99.8	58.4	87.1	53.8
Kitchen Seed Company	KSC 413W	G	92.5	29	56.4	36	100.1	57.9	85.0	54.9
Limagrain Cereal Seeds	L- 11420	G	85.0	78	54.7	35	93.0	58.4	77.1	50.9
Limagrain Cereal Seeds	L- 11421	G	91.5	40	55.7	35	96.3	57.8	86.6	53.5
Limagrain Cereal Seeds	L-11434	G	89.5	63	55.1	35	96.2	55.5	82.8	54.6
Limagrain Cereal Seeds	L-172	G	91.4	41	55.3	35	97.3	56.4	85.4	54.3
Limagrain Cereal Seeds	L-264	G	90.2	54	55.2	35	99.0	57.9	81.4	52.5
Limagrain Cereal Seeds	L-377	G	87.4	72	55.6	36	98.9	58.1	76.0	53.1
Merschman	Agnes	G	97.2	3	56.5	36	109.4	58.1	84.9	54.8
Merschman	Barbie 11	G	83.4	80	56.2	36	85.1	59.3	81.7	53.2
Merschman	Barbie 12	G	94.1	11	54.9	35	100.8	57.6	87.3	52.1
Merschman	Bintee 10	G	93.7	16	55.8	37	102.2	58.2	85.3	53.3
Merschman	Peyton	C	88.7	69	55.2	35	95.0	57.6	82.4	52.8
Merschman	Samantha	G	90.7	46	57.0	35	94.8	60.0	86.6	54.0
Miller Bros Farm and Fert.	L-171	C	90.5	48	56.0	34	101.9	57.5	79.1	54.4
Pro Harvest	295		92.9	26	55.9	35	108.1	58.2	77.8	53.6
Pro Harvest	303		91.2	43	56.9	36	100.5	58.2	81.8	55.6
Pro Harvest	310	C	91.8	35	54.9	35	96.9	58.6	86.7	51.3
Pro Harvest	X2001	C	91.5	39	55.6	36	101.1	58.2	81.9	52.9
Pro Harvest	X3001	C	93.8	15	56.5	35	103.3	58.1	84.3	54.9
Progeny Ag	P117		83.1	81	56.2	33	89.6	59.0	76.6	53.5
Progeny Ag	P357		85.7	76	54.7	35	87.5	57.5	83.9	52.0
Progeny Ag	P870		88.7	68	56.9	35	101.5	59.3	76.0	54.5
Steyer Seeds	EVANS	C	91.2	42	56.4	36	102.2	59.4	80.2	53.4
Steyer Seeds	MORRIN	C	93.4	23	55.1	35	100.5	56.9	86.3	53.2
Steyer Seeds	STex141	C	90.4	51	56.3	35	98.3	57.7	82.5	54.8
Steyer Seeds	CELINA	C	89.9	60	56.3	36	95.2	58.5	84.5	54.1
Stone	21W04	C	91.6	38	54.8	36	104.1	56.9	79.1	52.7
Stone	31W04	C	93.7	17	56.1	35	104.6	59.3	82.8	52.9
Stone	41W04	C	94.1	10	54.9	34	108.5	57.0	79.7	52.8
Sunstar Hybrids	S-1200	C	87.7	71	56.1	35	91.1	58.9	84.3	53.3
Sunstar Hybrids	S-2000	C	92.0	33	56.0	36	100.4	57.9	83.7	54.1
Sunstar Hybrids	S-2500	C	90.1	57	55.6	34	93.2	58.3	87.0	52.9
Syngenta	SY 007	C	81.0	82	57.3	35	86.9	58.5	75.2	56.1
Syngenta	SY 474	C	90.2	55	56.2	35	104.4	57.9	76.0	54.5
Syngenta	SY 483	C	93.4	22	56.5	36	103.2	58.2	83.6	54.9
Syngenta	SY 547	C	90.5	50	56.8	36	93.6	58.9	87.4	54.6
UniSouth Genetics, Inc.	USG 3251	G	90.2	56	55.5	37	101.0	57.8	79.3	53.2
UniSouth Genetics, Inc.	USG 3404	G	89.0	66	55.0	36	97.3	56.9	80.8	53.1
UniSouth Genetics, Inc.	USG 3438	G	90.3	53	56.4	36	105.6	57.3	74.9	55.4
UniSouth Genetics, Inc.	USG 3765	G	92.6	28	55.1	35	100.8	56.7	84.4	53.5
Virginia Crop Impr. Assoc.	Hilliard	G	91.7	36	54.6	35	105.5	57.2	78.0	52.1
Virginia Crop Impr. Assoc.	VA11W-106	G	100.1	1	54.9	35	106.3	57.6	93.8	52.3
	Trial Mean		91.0		55.9	35	99.2	58.1	82.8	53.7
	LSD, 10%		9.5		1.8	2	10.8	1.6	9.1	2.7
	CV, %		10.9		3.3	6	8.1	2.0	8.1	3.7

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gauchio+Fungicide and S= Escalate+Fungicide.

The Brownstown location was removed from the regional average due to significant areas of water standing on trial soon after planting.

Table 2. Northern Illinois regional wheat variety trial results, 2015

Company	Variety	ST ¹	Yield bu/ac	Regional Average			Perry		Urbana		DeKalb	
				Yield Rank 1 to 79	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu
AgriMAXX	413	C	107.5	30	53.3	36	114.4	53.8	112.6	52.8	95.4	53.4
AgriMAXX	438	C	100.6	64	53.2	38	99.6	53.2	99.7	52.3	102.4	54.2
AgriMAXX	444	C	109.9	17	55.1	36	109.5	55.0	118.0	55.1	102.3	55.3
AgriMAXX	446	C	109.0	21	54.8	36	111.2	55.0	110.7	53.8	105.2	55.6
AgriMAXX	447	C	115.8	1	55.3	38	121.8	55.9	110.7	54.1	114.7	55.9
AgriMAXX	EXP 1555	C	104.1	47	54.3	38	101.6	53.0	103.9	54.0	106.7	56.0
Baird Seed Farms	L-228	G	99.9	68	57.5	36	100.4	57.9	102.8	57.4	96.5	57.2
Baird Seed Farms	L-457	G	104.5	46	54.6	38	109.6	55.3	111.9	53.5	92.1	55.2
Beck's Hybrids	Beck 120	S	110.9	13	53.1	35	114.5	53.4	111.3	52.4	106.8	53.6
Beck's Hybrids	Beck 125	S	109.3	19	55.8	37	110.2	55.9	114.7	54.7	102.9	56.7
Beck's Hybrids	EX 5307	S	107.8	27	55.0	36	110.5	54.7	111.1	53.8	101.7	56.4
Beck's Hybrids	EX 5401	S	103.5	51	54.8	37	109.8	53.7	99.6	54.2	101.1	56.5
BioTown Seeds	Diener 491	F	111.6	8	54.9	37	114.9	55.7	116.6	53.1	103.3	55.7
BioTown Seeds	Diener 496	F	108.1	23	54.2	34	116.1	54.4	100.1	52.5	108.3	55.9
DeRaedt Seed	DeRaedt 11	C	111.8	7	53.9	35	114.5	53.8	111.9	52.3	108.9	55.7
DeRaedt Seed	DeRaedt 19	C	106.8	34	54.7	36	107.7	54.8	114.6	53.7	98.1	55.5
DuPont Pioneer	Pioneer 25R25	G	107.9	24	54.2	35	111.4	54.0	107.8	53.5	104.5	55.0
DuPont Pioneer	Pioneer 25R40	G	103.2	52	53.9	34	114.0	54.5	97.0	51.8	98.6	55.4
DuPont Pioneer	Pioneer 25R46	G	102.7	54	55.1	37	102.6	54.3	96.2	54.4	109.3	56.5
DuPont Pioneer	Pioneer 25R50	G	107.8	26	54.4	35	114.2	55.6	102.1	51.6	107.3	56.1
DuPont Pioneer	Pioneer 25R77	G	100.3	65	55.4	35	99.9	55.7	100.8	53.5	100.2	57.1
Dyna-Gro	9171	G	107.0	32	53.1	36	104.9	52.7	107.9	53.1	108.1	53.4
Dyna-Gro	9223	G	96.3	75	53.5	38	95.2	52.9	90.6	51.7	103.2	55.9
Dyna-Gro	9522	G	105.3	41	54.5	36	106.8	54.3	107.0	53.4	101.9	55.8
Dyna-Gro	9552	G	105.9	39	54.3	35	108.2	54.7	105.2	52.7	104.4	55.4
Dyna-Gro	WX15712	C	102.7	54	54.7	37	104.2	53.9	100.1	54.1	103.8	56.2
Equity Seed	Butler	G	113.1	3	55.2	38	115.6	55.6	111.0	53.7	112.7	56.2
Equity Seed	Guardian	G	100.8	62	54.3	38	99.6	54.8	98.8	52.2	104.1	56.0
Green Valley Seed	GV 636	G	112.1	4	56.6	37	116.2	56.8	113.1	56.3	107.1	56.7
Green Valley Seed	GV 656	G	107.8	28	55.2	38	113.0	55.7	110.0	54.3	100.3	55.7
GROWMARK	FS 602	C	109.2	20	53.3	35	112.8	53.6	109.8	53.1	105.1	53.3
GROWMARK	FS 622	C	98.6	71	55.9	34	106.5	56.1	93.6	54.7	95.7	56.9
GROWMARK	FS 624	C	106.1	37	54.1	38	113.1	55.2	103.9	51.9	101.2	55.2
GROWMARK	FS 625	C	98.9	70	52.6	37	101.7	53.2	96.8	52.0	98.1	52.5
GROWMARK	FS 604	C	90.9	78	54.9	38	89.5	54.7	88.5	53.9	94.6	56.0
GROWMARK	FS 615	C	106.4	35	54.3	36	108.0	54.5	109.3	52.9	101.9	55.4
Hartke Seed	L-347	G	102.4	58	56.6	39	105.1	57.0	103.4	56.1	98.6	56.7
Kitchen Seed Company	KSC 413W	G	87.4	79	56.4	38	87.2	56.9	88.0	55.1	87.1	57.2
Kratz Farms LLC	15400	C	107.7	29	54.1	37	110.8	54.8	108.1	53.2	104.2	54.2
Kratz Farms LLC	15188	C	100.0	67	54.7	41	99.9	54.9	106.1	55.0	93.9	54.1
Kratz Farms LLC	15241	C	107.9	24	56.6	38	109.0	56.6	104.8	55.4	110.0	57.7
Kratz Farms LLC	15314	C	104.7	43	54.2	39	109.0	55.2	106.7	53.5	98.5	54.0
Lewis Hybrids	Lewis 828	C	102.0	60	53.1	39	106.2	55.0	103.6	51.0	96.3	53.1
Lewis Hybrids	Lewis 829	C	103.0	53	53.7	42	111.1	54.4	99.3	53.0	98.6	53.7
Lewis Hybrids	Lewis 839	C	114.7	2	55.1	38	119.3	55.8	111.7	53.8	113.0	55.8
Lewis Hybrids	Lewis 851	C	98.5	72	54.5	38	97.8	55.0	96.7	51.6	101.0	57.0
Limagrain Cereal Seeds	L- 11420	G	106.9	33	54.7	38	108.1	55.4	106.5	53.6	106.2	55.0
Limagrain Cereal Seeds	L- 11421	G	103.8	48	56.7	37	105.0	56.4	102.1	54.8	104.4	59.0
Limagrain Cereal Seeds	L-264	G	106.0	38	56.6	37	110.7	57.0	104.3	56.2	102.8	56.5
Limagrain Cereal Seeds	L-461	G	105.3	40	56.7	40	112.3	56.4	104.9	55.3	98.7	58.4
Martin Seeds, Inc.	M13W	G	100.9	61	51.5	37	98.7	51.6	97.0	50.4	107.0	52.6
Martin Seeds, Inc.	Skysail	G	100.2	66	56.7	38	102.7	57.2	98.5	55.6	99.3	57.2
Merschman	Agnes	G	102.6	56	54.5	36	104.1	53.5	103.2	54.4	100.6	55.6
Merschman	Barbie 11	G	111.9	6	55.2	37	114.0	55.2	113.8	55.0	107.9	55.4
Merschman	Barbie 12	G	110.4	15	53.9	38	114.2	54.5	107.2	52.1	109.9	55.1
Merschman	Bintee 10	G	99.8	69	58.3	39	102.0	58.2	100.4	57.0	96.9	59.7
Merschman	Peyton	C	103.5	50	56.3	38	105.3	56.2	99.8	55.5	105.5	57.2
Merschman	Samantha	G	100.7	63	56.2	37	106.1	56.7	98.4	54.8	97.8	57.2
Pro Harvest	295		111.4	12	53.7	35	111.8	53.9	117.9	52.9	104.6	54.2
Pro Harvest	303		105.1	42	56.5	38	110.3	56.5	101.3	55.3	103.8	57.6
Pro Harvest	310	C	108.2	22	54.8	37	105.5	54.7	116.3	53.9	102.8	55.9
Pro Harvest	X2001	C	111.5	9	55.8	38	122.5	55.1	112.2	56.2	99.8	56.1
Pro Harvest	X3001	C	103.7	49	54.1	37	104.1	53.8	100.7	53.2	106.4	55.3
Pro Harvest	X8001	C	109.7	18	54.3	37	119.0	54.9	107.2	51.9	103.0	56.1
Pro Harvest	X9001	C	106.3	36	54.4	35	115.3	54.9	97.1	53.0	106.5	55.3
Pro Seed Genetics	PRO 200		96.2	76	55.7	39	96.5	56.0	98.4	54.8	93.7	56.4
Pro Seed Genetics	PRO 240		94.3	77	54.0	42	98.5	55.0	96.0	53.5	88.3	53.6
Pro Seed Genetics	PRO 260		98.4	74	53.6	38	112.0	55.2	98.8	53.6	84.6	52.1
Pro Seed Genetics	PRO 320A		110.6	14	54.9	42	110.6	54.8	119.0	53.7	102.3	56.2
Stone	21W04	C	102.1	59	53.9	42	111.5	54.2	95.1	52.9	99.7	54.5
Stone	21W15	C	104.7	44	52.9	39	111.3	55.0	103.3	51.5	99.5	52.1
Stone	31W04	C	107.5	31	54.4	38	113.0	55.6	106.4	53.6	102.9	54.0
Sunstar Hybrids	S-1200	C	112.1	5	54.0	35	119.2	54.1	106.1	52.8	110.9	55.0
Sunstar Hybrids	S-2000	C	111.4	11	55.2	35	115.3	55.5	114.9	53.6	104.0	56.4
Sunstar Hybrids	S-2500	C	104.5	45	54.7	38	108.9	53.9	101.2	54.2	103.5	56.1
Syngenta	SY 007	C	111.5	10	54.8	38	109.0	55.1	115.9	53.9	109.5	55.5
Syngenta	SY 474	C	98.5	73	55.1	40	99.4	55.6	100.3	54.3	95.7	55.4
Syngenta	SY 483	C	102.6	57	53.4	37	107.4	54.3	99.9	50.9	100.5	55.0
Syngenta	SY 547	C	110.3	16	54.8	38	113.9	56.1	113.5	53.8	103.5	54.6
	Trial Mean		104.5		54.9	37	107.6	55.1	104.1	53.8	101.8	55.7
	LSD, 10%		7.0		1.1	2	7.7	0.7	6.8	1.3	6.7	1.4
	CV, %		8.0		2.6	6	5.3	0.9	4.8	1.8	4.9	1.9

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, M= Macho+Fungicide and S = Escalate+Fungicide.

Table 3. Results of the 2015 wheat variety trial at Mulkeytown, in far southcentral Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield Rank 1 to 84	Test wt. lb/bu	Height in.	2-yr avg ²	3-yr avg ²
							2014-15 bu/ac	2013-15 bu/ac
AgriMAXX	413	C	110.7	2	58.7	34	87.5	85.7
AgriMAXX	415	C	102.8	24	57.6	34	83.3	78.3
AgriMAXX	438	C	102.6	25	58.8	34	82.0	
AgriMAXX	444	C	71.6	84	58.2	34	68.3	
AgriMAXX	446	C	97.2	55	58.1	33		
AgriMAXX	447	C	93.4	69	59.3	34	78.1	76.5
AgriMAXX	EXP 1555	C	104.5	15	58.7	34		
Beck's Hybrids	Beck 120	S	90.9	74	57.9	33	78.0	77.8
Beck's Hybrids	Beck 125	S	101.4	33	58.3	32	79.2	
Beck's Hybrids	EX 5307	S	104.8	13	58.7	33		
Beck's Hybrids	EX 5315	S	104.0	18	58.8	35		
Beck's Hybrids	EX 5401	S	103.7	20	59.0	32		
BioTown Seeds	Diener 491	F	102.0	29	57.5	35		
BioTown Seeds	Diener 496		98.9	48	59.2	32		
BioTown Seeds	Diener XW 1502	F	99.5	46	57.5	35		
DuPont Pioneer	Pioneer 25R40	G	96.8	59	57.5	36	77.4	75.7
DuPont Pioneer	Pioneer 25R46	G	109.1	4	59.0	32	92.0	86.3
DuPont Pioneer	Pioneer 25R50	G	102.9	23	57.7	34		
DuPont Pioneer	Pioneer 25R72	G	96.1	62	57.8	34		
DuPont Pioneer	Pioneer 25R77	G	103.8	19	57.8	33	80.1	80.9
Dyna-Gro	9171	G	96.8	58	58.3	34	82.2	82.0
Dyna-Gro	9223	G	116.2	1	58.6	33	88.8	85.8
Dyna-Gro	9441	G	100.5	41	59.1	34	79.5	
Dyna-Gro	9522	G	107.9	7	59.1	33	85.7	
Dyna-Gro	9591	G	101.2	34	58.5	34	81.4	
Dyna-Gro	WX14611	G	84.5	83	58.8	33		
Dyna-Gro	WX15742	C	102.0	28	58.6	34		
Equity Seed	Butler	G	89.5	79	58.0	31	74.0	
Equity Seed	Guardian	G	89.6	78	59.3	34	73.2	71.0
GROWMARK	FS 602	C	107.2	8	56.6	34	85.6	83.7
GROWMARK	FS 604	C	89.9	76	57.3	34		
GROWMARK	FS 615	C	98.3	52	58.0	35		
GROWMARK	FS 622	C	101.4	32	58.4	33	82.6	78.2
GROWMARK	FS 624	C	92.9	72	59.8	34		
GROWMARK	FS 625	C	95.6	63	57.2	33	78.1	77.6
Hartke Seed	L-347	G	94.8	66	58.8	34		
Hoffman Seed House	H7W14	C	96.9	57	57.9	34		
Hoffman Seed House	H7W15	C	105.6	10	59.7	35		
Hoffman Seed House	H7W25	C	90.5	75	57.4	35		
Hoffman Seed House	L-Brand 168	C	98.6	50	57.0	35	76.9	
Hoffman Seed House	L-Brand 182	C	100.5	40	58.8	32	76.9	
Hoffman Seed House	L-Brand 228	C	99.8	45	58.4	35	73.7	
Kitchen Seed Company	KSC 413W	G	100.1	44	57.9	32		
Limagrain Cereal Seeds	L- 11420	G	93.0	71	58.4	34		
Limagrain Cereal Seeds	L- 11421	G	96.3	60	57.8	33		
Limagrain Cereal Seeds	L-11434	G	96.2	61	55.5	33		
Limagrain Cereal Seeds	L-172	G	97.3	53	56.4	33		
Limagrain Cereal Seeds	L-264	G	99.0	47	57.9	34		
Limagrain Cereal Seeds	L-377	G	98.9	49	58.1	34		
Merschman	Agnes	G	109.4	3	58.1	35		
Merschman	Barbie 11	G	85.1	82	59.3	33		
Merschman	Barbie 12	G	100.8	38	57.6	34		
Merschman	Bintee 10	G	102.2	27	58.2	36		
Merschman	Peyton	C	95.0	65	57.6	32		
Merschman	Samantha	G	94.8	66	60.0	34		
Miller Bros Farm and Fert.	L-171	C	101.9	30	57.5	32	78.5	77.8
Pro Harvest	295		108.1	6	58.2	33		
Pro Harvest	303		100.5	39	58.2	35	78.2	
Pro Harvest	310	C	96.9	56	58.6	33		
Pro Harvest	X2001	C	101.1	35	58.2	35		
Pro Harvest	X3001	C	103.3	21	58.1	32		
Progeny Ag	P117		89.6	77	59.0	31		
Progeny Ag	P357		87.5	80	57.5	32		
Progeny Ag	P870		101.5	31	59.3	33		
Steyer Seeds	CELINA	C	95.2	64	58.5	34		
Steyer Seeds	EVANS	C	102.2	26.0	59.4	35		
Steyer Seeds	MORRIN	C	100.5	42.0	56.9	33		
Steyer Seeds	STex141	C	98.3	51.0	57.7	32		
Stone	21W04	C	104.1	17.0	56.9	35		
Stone	31W04	C	104.6	14.0	59.3	34		
Stone	41W04	C	108.5	5	57.0	33		
Sunstar Hybrids	S-1200	C	91.1	73	58.9	35	78.7	79.7
Sunstar Hybrids	S-2000	C	100.4	43	57.9	35	78.5	
Sunstar Hybrids	S-2500	C	93.2	70	58.3	31		
Syngenta	SY 007	C	86.9	81	58.5	33	66.1	
Syngenta	SY 474	C	104.4	16.0	57.9	33	78.2	76.3
Syngenta	SY 483	C	103.2	22.0	58.2	35	78.8	74.6
Syngenta	SY 547	C	93.6	68.0	58.9	35		
UniSouth Genetics, Inc.	USG 3251	G	101.0	36.0	57.8	35	82.1	82.5
UniSouth Genetics, Inc.	USG 3404	G	97.3	54.0	56.9	33	81.6	
UniSouth Genetics, Inc.	USG 3438	G	105.6	11	57.3	33	87.0	
UniSouth Genetics, Inc.	USG 3765	G	100.8	37	56.7	34		
Virginia Crop Impr. Assoc.	Hilliard	G	105.5	12	57.2	34		
Virginia Crop Impr. Assoc.	VA11W-106	G	106.3	9	57.6	34		
	Trial Mean		99.2		58.1	34		
	LSD, 10%		10.8		1.6	3		
	CV, %		8.1		2.0	6		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, S= Escalate+Fungicide.

²Multi-year averages include means from the Dixon Springs Location for 2014 and 2013.

Table 4. Results of the 2015 wheat variety trial at Belleville, in southwestern Illinois.

Company	Variety	ST ¹	Yield				2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 84	Test wt. lb/bu	Height in.	2014-15 bu/ac	2013-15 bu/ac
AgriMAXX	413	C	80.7	55	54.4	37	93.1	91.6
AgriMAXX	415	C	78.0	69	53.2	36	88.6	90.1
AgriMAXX	438	C	83.8	32	55.0	36	92.5	
AgriMAXX	444	C	84.1	30	53.7	36	96.2	
AgriMAXX	446	C	80.5	57	55.4	39		
AgriMAXX	447	C	90.8	4	56.0	37	94.6	91.8
AgriMAXX	EXP 1555	C	80.1	62	52.2	35		
Beck's Hybrids	Beck 120	S	85.4	22	52.5	36	93.1	92.1
Beck's Hybrids	Beck 125	S	80.1	61	51.4	36	91.9	
Beck's Hybrids	EX 5307	S	83.0	36	53.2	38		
Beck's Hybrids	EX 5315	S	90.5	5	55.4	36		
Beck's Hybrids	EX 5401	S	78.0	73	53.3	37		
BioTown Seeds	Diener 491	F	82.2	45	51.9	35		
BioTown Seeds	Diener 496		94.9	1	54.7	37		
BioTown Seeds	Diener XW 1502	F	80.1	60	53.2	37		
DuPont Pioneer	Pioneer 25R40	G	81.8	50	54.9	38	91.7	87.9
DuPont Pioneer	Pioneer 25R46	G	78.0	71	53.1	38	93.0	87.7
DuPont Pioneer	Pioneer 25R50	G	75.9	81	54.2	36		
DuPont Pioneer	Pioneer 25R72	G	86.1	19	53.5	36		
DuPont Pioneer	Pioneer 25R77	G	83.4	35	54.9	37	89.6	89.1
Dyna-Gro	9171	G	91.6	3	56.8	37	98.2	93.5
Dyna-Gro	9223	G	75.7	82	54.3	38	87.9	87.8
Dyna-Gro	9441	G	86.8	14	52.8	38	90.9	
Dyna-Gro	9522	G	85.8	20	50.6	37	95.9	
Dyna-Gro	9591	G	88.5	7	52.7	36	93.4	
Dyna-Gro	WX14611	G	76.6	77	56.0	37		
Dyna-Gro	WX15742	C	82.0	46	53.3	39		
Equity Seed	Butler	G	82.6	42	52.4	36	90.8	
Equity Seed	Guardian	G	78.0	69	54.3	37	89.6	86.9
GROWMARK	FS 602	C	80.4	58	53.9	38	93.2	92.0
GROWMARK	FS 604	C	82.7	41	53.0	36		
GROWMARK	FS 615	C	82.7	40	54.4	36		
GROWMARK	FS 622	C	81.9	47	55.5	39	89.8	88.1
GROWMARK	FS 624	C	86.9	13	54.6	36		
GROWMARK	FS 625	C	89.8	6	55.6	38	91.3	89.8
Hartke Seed	L-347	G	79.4	65	53.8	35		
Hoffman Seed House	H7W14	C	82.9	37	52.5	36		
Hoffman Seed House	H7W15	C	80.6	56	54.1	37		
Hoffman Seed House	H7W25	C	79.7	63	54.1	38		
Hoffman Seed House	L-Brand 168	C	81.2	53	51.0	34	86.2	
Hoffman Seed House	L-Brand 182	C	87.3	10	53.7	37	90.5	
Hoffman Seed House	L-Brand 228	C	87.1	11	53.8	36	87.2	
Kitchen Seed Company	KSC 413W	G	85.0	24	54.9	39		
Limagrain Cereal Seeds	L- 11420	G	77.1	75	50.9	36		
Limagrain Cereal Seeds	L- 11421	G	86.6	16	53.5	37		
Limagrain Cereal Seeds	L-11434	G	82.8	39	54.6	36		
Limagrain Cereal Seeds	L-172	G	85.4	21	54.3	36		
Limagrain Cereal Seeds	L-264	G	81.4	52	52.5	36		
Limagrain Cereal Seeds	L-377	G	76.0	78	53.1	37		
Merschman	Agnes	G	84.9	25	54.8	37		
Merschman	Barbie 11	G	81.7	51	53.2	38		
Merschman	Barbie 12	G	87.3	9	52.1	36		
Merschman	Bintee 10	G	85.3	23	53.3	38		
Merschman	Peyton	C	82.4	44	52.8	37		
Merschman	Samantha	G	86.6	16	54.0	36		
Miller Bros Farm and Fert.	L-171	C	79.1	68	54.4	36	86.7	85.5
Pro Harvest	295		77.8	74	53.6	36		
Pro Harvest	303		81.8	49	55.6	36	87.1	
Pro Harvest	310	C	86.7	15	51.3	36		
Pro Harvest	X2001	C	81.9	48	52.9	37		
Pro Harvest	X3001	C	84.3	29	54.9	37		
Progeny Ag	P117		76.6	76	53.5	35		
Progeny Ag	P357		83.9	31	52.0	37		
Progeny Ag	P870		76.0	80	54.5	37		
Steyer Seeds	CELINA	C	84.5	26	54.1	38		
Steyer Seeds	EVANS	C	80.2	59	53.4	37		
Steyer Seeds	MORRIN	C	86.3	18	53.2	37		
Steyer Seeds	STex141	C	82.5	43	54.8	37		
Stone	21W04	C	79.1	67	52.7	36		
Stone	31W04	C	82.8	38	52.9	35		
Stone	41W04	C	79.7	63	52.8	34		
Sunstar Hybrids	S-1200	C	84.3	28	53.3	34	97.5	95.5
Sunstar Hybrids	S-2000	C	83.7	33	54.1	36	93.5	
Sunstar Hybrids	S-2500	C	87.0	12	52.9	37		
Syngenta	SY 007	C	75.2	83	56.1	36	82.9	
Syngenta	SY 474	C	76.0	79	54.5	37	83.6	85.3
Syngenta	SY 483	C	83.6	34	54.9	37	93.4	84.6
Syngenta	SY 547	C	87.4	8	54.6	37		
UniSouth Genetics, Inc.	USG 3251	G	79.3	66	53.2	38	90.8	91.4
UniSouth Genetics, Inc.	USG 3404	G	80.8	54	53.1	38	96.0	
UniSouth Genetics, Inc.	USG 3438	G	74.9	84	55.4	38	90.7	
UniSouth Genetics, Inc.	USG 3765	G	84.4	27	53.5	35		
Virginia Crop Impr. Assoc.	Hilliard	G	78.0	71	52.1	36		
Virginia Crop Impr. Assoc.	VA11W-106	G	93.8	2	52.3	35		
	Trial Mean		82.8		53.7	37		
	LSD, 10%		9.1		2.7	3		
	CV, %		8.1		3.7	5		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, S= Escalate+Fungicide.

2014 Data

Table 5. Results of the 2014 wheat variety trial at Brownstown, in south central Illinois.

Company	Variety	ST ¹	Yield				2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 63	Test wt. lb/bu	Height in.	2013-14 bu/ac	2012-14 bu/ac
AgriMAXX	412	C	79.3	60	59.0	34	71.1	77.9
AgriMAXX	413	C	89.1	16	53.3	34	79.5	86.9
AgriMAXX	415	C	88.3	23	57.8	35	76.7	78.2
AgriMAXX	438	C	92.7	6	52.3	37		
AgriMAXX	444	C	87.2	34	54.1	36		
AgriMAXX	447	C	95.5	3	53.1	35	80.1	
AgriMAXX	Exp 1465	C	86.4	42	55.1	35		
Beck's Hybrids	Beck 113	S	92.6	7	57.0	35	79.4	87.6
Beck's Hybrids	Beck 120	S	89.0	18	54.1	34	80.2	86.3
Beck's Hybrids	Beck 125	S	89.7	15	57.6	36		
Beck's Hybrids	Beck 129	S	86.3	45	52.5	36	79.3	
BioTown Seeds	Diener 492W	C	87.2	33	53.9	35	81.5	86.1
BioTown Seeds	Diener XW 1403	C	87.8	26	59.0	36		
DuPont Pioneer	Pioneer 25R40	G	86.4	40	54.9	33	76.1	81.7
DuPont Pioneer	Pioneer 25R46	G	104.2	1	59.3	35	88.9	
DuPont Pioneer	Pioneer 25R77	G	87.8	27	56.8	35	80.6	
Dyna-Gro	9171	G	86.2	46	53.4	34	78.8	86.5
Dyna-Gro	9223	G	88.1	25	52.2	37	77.4	85.4
Dyna-Gro	9343	G	86.5	39	55.3	36		
Dyna-Gro	9373	G	88.7	21	52.5	34	76.5	
Dyna-Gro	9441	G	86.4	42	59.2	36		
Dyna-Gro	WX13622	C	90.3	12	53.8	36		
Dyna-Gro	WX13631	C	87.5	31	58.8	35		
Equity Seed	Butler	G	91.4	9	53.4	35		
Equity Seed	Guardian	G	87.5	30	53.2	37	77.1	
GROWMARK	FS 602	C	86.4	44	53.4	35	79.2	84.1
GROWMARK	FS 605	C	85.0	50	59.0	37	74.2	77.2
GROWMARK	FS 622	C	86.6	38	58.4	34	75.7	77.6
GROWMARK	FS 625	C	76.5	61	51.3	36	70.2	76.7
GROWMARK	FS 626	C	98.0	2	56.4	33	86.4	
GROWMARK	WX14A	C	88.1	24	54.7	36		
Hartke Seed	L-Brand 203	C	89.1	17	58.2	35		
Hoffman Seed House	L-Brand 168	C	91.5	8	57.9	36		
Hoffman Seed House	L-Brand 182	C	84.6	53	59.0	37		
Hoffman Seed House	L-Brand 400	C	90.1	13	58.5	34		
Kitchen Seed Company	KSC 409W	F	81.3	59	59.2	37	71.9	75.0
Kitchen Seed Company	KSC 411W	C	89.9	14	53.5	35	80.0	
Lewis Hybrids	Lewis 829	F	94.4	4	56.6	37	77.0	82.6
Lewis Hybrids	Lewis 839	C	90.8	10	52.9	36	76.9	
Lewis Hybrids	Lewis 851	C	84.8	52	54.9	37	73.1	
Merschman	Barbie 10	C	88.8	20	53.3	36		
Merschman	Genie 12	C	87.4	32	59.4	36		
Merschman	Julie 8	F	90.7	11	58.4	36		
Miller Bros Farm and Fert.	L-Brand 228	C	88.5	22	59.9	34		
Miller Bros Farm and Fert.	L-Brand 339	G	82.2	57	59.4	34		
Miller Bros Farm and Fert.	LCS L171	C	82.3	56	60.3	37	75.1	
Pro Harvest	303	C	87.1	35	59.7	37		
Pro Harvest	311	C	82.5	55	51.9	35	71.9	79.8
Pro Harvest	XP1102	C	85.5	49	56.6	32		
Pro Harvest	XP4113	C	84.9	51	56.9	37		
Steyer Seeds	Dowell	F	84.1	54	52.2	35	75.9	
Steyer Seeds	Hunker	F	87.6	29	52.1	36	80.6	84.6
Steyer Seeds	Pierson	F	85.6	48	56.5	37		
Sunstar Hybrids	S-1200	C	86.9	36	53.8	36	80.1	86.5
Sunstar Hybrids	S-2000	C	75.8	62	56.0	34		
Syngenta	SY 007	C	74.9	63	54.9	35		
Syngenta	SY 474	C	86.4	40	55.7	38	72.1	
Syngenta	SY 483	C	81.7	58	51.5	36	69.5	
UniSouth Genetics, Inc.	USG 3013	C	87.6	28	52.4	37		
UniSouth Genetics, Inc.	USG 3251	C	85.9	47	53.5	36	77.1	
UniSouth Genetics, Inc.	USG 3404	C	92.8	5	54.6	35		
UniSouth Genetics, Inc.	USG 3438	C	88.9	19	53.6	35	79.5	
Virginia Crop Impr. Assoc.	VA10W-21	F	86.7	37	57.9	34		
	Trial Mean		87.1		55.9	36	77.3	82.2
	LSD, 10%		5.7		1.1	2		
	CV, %		4.8		1.4	3		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, M=Macho+Fungicide, N= Encase+Fungicide, S= Escalate+Fungicide.

Table 6. Results of the 2015 wheat variety trial at Perry, in western Illinois.

Company	Variety	ST ¹	Yield			Height	2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 79	Test wt. lb/bu		2014-15 bu/ac	2013-15 bu/ac
AgriMAXX	413	C	112.6	13	52.8	38	104.1	96.1
AgriMAXX	438	C	99.7	60	52.3	37		96.4
AgriMAXX	444	C	118.0	2	55.1	35	108.5	
AgriMAXX	446	C	110.7	22	53.8	37		
AgriMAXX	447	C	110.7	21	54.1	35	98.8	92.9
AgriMAXX	EXP 1555	C	103.9	41	54.0	37		
Baird Seed Farms	L-228	G	102.8	47	57.4	37	93.0	
Baird Seed Farms	L-457	G	111.9	16	53.5	36		
Beck's Hybrids	Beck 120	S	111.3	18	52.4	36	100.3	94.1
Beck's Hybrids	Beck 125	S	114.7	8	54.7	36	105.2	
Beck's Hybrids	EX 5307	S	111.1	19	53.8	34		
Beck's Hybrids	EX 5401	S	99.6	61	54.2	36		
BioTown Seeds	Diener 491	F	116.6	4	53.1	37		
BioTown Seeds	Diener 496		100.1	56	52.5	34		
DeRaedt Seed	DeRaedt 11	C	111.9	15	52.3	34	99.6	90.8
DeRaedt Seed	DeRaedt 19	C	114.6	9	53.7	35		
DuPont Pioneer	Pioneer 25R25	G	107.8	28	53.5	34		
DuPont Pioneer	Pioneer 25R40	G	97.0	70	51.8	33	95.7	93.7
DuPont Pioneer	Pioneer 25R46	G	96.2	73	54.4	36		
DuPont Pioneer	Pioneer 25R50	G	102.1	48	51.6	35		
DuPont Pioneer	Pioneer 25R77	G	100.8	52	53.5	35	92.5	88.8
Dyna-Gro	9171	G	107.9	27	53.1	35	98.3	90.8
Dyna-Gro	9223	G	90.6	77	51.7	38	88.5	85.9
Dyna-Gro	9522	G	107.0	31	53.4	35	102.7	
Dyna-Gro	9552	G	105.2	37	52.7	34		
Dyna-Gro	WX15712	C	100.1	56	54.1	36		
Equity Seed	Butler	G	111.0	20	53.7	38	102.8	
Equity Seed	Guardian	G	98.8	63	52.2	35	93.7	87.4
Green Valley Seed	GV 636	G	113.1	12	56.3	35		
Green Valley Seed	GV 656	G	110.0	23	54.3	37		
GROWMARK	FS 602	C	109.8	24	53.1	35	102.6	94.4
GROWMARK	FS 604	C	88.5	78	53.9	36		
GROWMARK	FS 615	C	109.3	25	52.9	36		
GROWMARK	FS 622	C	93.6	76	54.7	32	90.3	87.7
GROWMARK	FS 624	C	103.9	42	51.9	37		
GROWMARK	FS 625	C	96.8	71	52.0	35	91.2	87.6
Hartke Seed	L-347	G	103.4	44	56.1	37		
Kitchen Seed Company	KSC 413W	G	88.0	79	55.1	38		
Kratz Farms LLC	15188	C	106.1	35	55.0	39	93.3	
Kratz Farms LLC	15241	C	104.8	39	55.4	37	94.7	
Kratz Farms LLC	15314	C	106.7	32	53.5	37	94.8	
Kratz Farms LLC	15400	C	108.1	26	53.2	36		
Lewis Hybrids	Lewis 828	C	103.6	43	51.0	38		
Lewis Hybrids	Lewis 829	C	99.3	62	53.0	40		
Lewis Hybrids	Lewis 839	C	111.7	17	53.8	37	100.5	93.7
Lewis Hybrids	Lewis 851	C	96.7	72	51.6	36	91.8	84.1
Limagrain Cereal Seeds	L- 11420	G	106.5	33	53.6	37		
Limagrain Cereal Seeds	L- 11421	G	102.1	49	54.8	34		
Limagrain Cereal Seeds	L-264	G	104.3	40	56.2	37		
Limagrain Cereal Seeds	L-461	G	104.9	38	55.3	38		
Martin Seeds, Inc.	M13W	G	97.0	69	50.4	35	95.3	92.3
Martin Seeds, Inc.	Skysail	G	98.5	65	55.6	36	92.7	89.6
Merschman	Agnes	G	103.2	46	54.4	35		
Merschman	Barbie 11	G	113.8	10	55.0	36		
Merschman	Barbie 12	G	107.2	29	52.1	36		
Merschman	Bintee 10	G	100.4	54	57.0	38		
Merschman	Peyton	C	99.8	59	55.5	36		
Merschman	Samantha	G	98.4	67	54.8	35		
Pro Harvest	295		117.9	3	52.9	34		
Pro Harvest	303		101.3	50	55.3	36	94.9	
Pro Harvest	310	C	116.3	5	53.9	37		
Pro Harvest	X2001	C	112.2	14	56.2	36		
Pro Harvest	X3001	C	100.7	53	53.2	35		
Pro Harvest	X8001	C	107.2	30	51.9	37		
Pro Harvest	X9001	C	97.1	68	53.0	37		
Pro Seed Genetics	PRO 200		98.4	66	54.8	38		
Pro Seed Genetics	PRO 240		96.0	74	53.5	37	89.7	89.9
Pro Seed Genetics	PRO 260		98.8	64	53.6	39	90.2	84.7
Pro Seed Genetics	PRO 320A		119.0	1	53.7	42	98.3	94.9
Stone	21W04	C	95.1	75	52.9	39		
Stone	21W15	C	103.3	45	51.5	37		
Stone	31W04	C	106.4	34	53.6	36		
Sunstar Hybrids	S-1200	C	106.1	36	52.8	33	99.8	92.9
Sunstar Hybrids	S-2000	C	114.9	7	53.6	35	105.7	
Sunstar Hybrids	S-2500	C	101.2	51	54.2	37		
Syngenta	SY 007	C	115.9	6	53.9	36		
Syngenta	SY 474	C	100.3	55	54.3	38	89.2	82.6
Syngenta	SY 483	C	99.9	58	50.9	35	97.0	86.2
Syngenta	SY 547	C	113.5	11	53.8	36		
	Trial Mean		104.1		53.8	36	96.7	90.1
	LSD, 10%		6.8		1.3	2		
	CV, %		4.8		1.8	5		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, S= Escalate+Fungicide.

Table 7. Results of the 2015 wheat variety trial at Urbana, in east central Illinois.

Company	Variety	ST ¹	Yield				2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 79	Test wt. lb/bu	Height in.	2014-15 bu/ac	2012, 14-15 bu/ac
AgriMAXX	413	C	114.4	14	53.8	35	106.4	100.3
AgriMAXX	438	C	99.6	71	53.2	37	96.6	
AgriMAXX	444	C	109.5	40	55.0	37	106.2	
AgriMAXX	446	C	111.2	30	55.0	36		
AgriMAXX	447	C	121.8	2	55.9	40	109.5	
AgriMAXX	EXP 1555	C	101.6	66	53.0	37		
Baird Seed Farms	L-228	G	100.4	67	57.9	35	96.4	
Baird Seed Farms	L-457	G	109.6	39	55.3	38		
Beck's Hybrids	Beck 120	S	114.5	12	53.4	34	107.5	101.4
Beck's Hybrids	Beck 125	S	110.2	37	55.9	37	107.7	
Beck's Hybrids	EX 5307	S	110.5	35	54.7	36		
Beck's Hybrids	EX 5401	S	109.8	38	53.7	38		
BioTown Seeds	Diener 491	F	114.9	11	55.7	37		
BioTown Seeds	Diener 496	F	116.1	7	54.4	35		
DeRaedt Seed	DeRaedt 11	C	114.5	13	53.8	34	109.6	103.1
DeRaedt Seed	DeRaedt 19	C	107.7	48	54.8	37		
DuPont Pioneer	Pioneer 25R25	G	111.4	28	54.0	35		
DuPont Pioneer	Pioneer 25R40	G	114.0	18	54.5	33	104.4	100.6
DuPont Pioneer	Pioneer 25R46	G	102.6	63	54.3	37		
DuPont Pioneer	Pioneer 25R50	G	114.2	15	55.6	35		
DuPont Pioneer	Pioneer 25R77	G	99.9	68	55.7	34	91.6	
Dyna-Gro	9171	G	104.9	58	52.7	36	102.5	98.5
Dyna-Gro	9223	G	95.2	77	52.9	37	94.5	94.0
Dyna-Gro	9522	G	106.8	50	54.3	37	103.0	
Dyna-Gro	9552	G	108.2	45	54.7	35		
Dyna-Gro	WX15712	C	104.2	59	53.9	36		
Equity Seed	Butler	G	115.6	8	55.6	39	102.1	
Equity Seed	Guardian	G	99.6	70	54.8	39	96.9	
Green Valley Seed	GV 636	G	116.2	6	56.8	37		
Green Valley Seed	GV 656	G	113.0	22	55.7	38		
GROWMARK	FS 602	C	112.8	23	53.6	34	107.8	101.3
GROWMARK	FS 604	C	89.5	78	54.7	37		
GROWMARK	FS 615	C	108.0	47	54.5	36		
GROWMARK	FS 622	C	106.5	51	56.1	35	99.2	94.7
GROWMARK	FS 624	C	113.1	20	55.2	38		
GROWMARK	FS 625	C	101.7	65	53.2	37	98.3	93.5
Hartke Seed	L-347	G	105.1	56	57.0	38		
Kitchen Seed Company	KSC 413W	G	87.2	79	56.9	37		
Kratz Farms LLC	15188	C	99.9	69	54.9	41	93.5	
Kratz Farms LLC	15241	C	109.0	43	56.6	39	102.9	
Kratz Farms LLC	15314	C	109.0	41	55.2	38	96.8	
Kratz Farms LLC	15400	C	110.8	32	54.8	38		
Lewis Hybrids	Lewis 828	C	106.2	52	55.0	38		
Lewis Hybrids	Lewis 829	C	111.1	31	54.4	43		
Lewis Hybrids	Lewis 839	C	119.3	3	55.8	40	107.5	
Lewis Hybrids	Lewis 851	C	97.8	75	55.0	38	97.7	
Limagrain Cereal Seeds	L- 11420	G	108.1	46	55.4	38		
Limagrain Cereal Seeds	L- 11421	G	105.0	57	56.4	38		
Limagrain Cereal Seeds	L-264	G	110.7	33	57.0	37		
Limagrain Cereal Seeds	L-461	G	112.3	24	56.4	42		
Martin Seeds, Inc.	M13W	G	98.7	73	51.6	36	93.8	
Martin Seeds, Inc.	Skysail	G	102.7	62	57.2	38	96.8	
Merschman	Agnes	G	104.1	61	53.5	37		
Merschman	Barbie 11	G	114.0	17	55.2	37		
Merschman	Barbie 12	G	114.2	16	54.5	38		
Merschman	Bintee 10	G	102.0	64	58.2	41		
Merschman	Peyton	C	105.3	55	56.2	38		
Merschman	Samantha	G	106.1	53	56.7	36		
Pro Harvest	295		111.8	26	53.9	35		
Pro Harvest	303		110.3	36	56.5	38	103.9	
Pro Harvest	310	C	105.5	54	54.7	36		
Pro Harvest	X2001	C	122.5	1	55.1	37		
Pro Harvest	X3001	C	104.1	60	53.8	37		
Pro Harvest	X8001	C	119.0	5	54.9	37		
Pro Harvest	X9001	C	115.3	9	54.9	34		
Pro Seed Genetics	PRO 200		96.5	76	56.0	40		
Pro Seed Genetics	PRO 240		98.5	74	55.0	45	94.0	90.8
Pro Seed Genetics	PRO 260		112.0	25	55.2	37	105.1	92.7
Pro Seed Genetics	PRO 320A		110.6	34	54.8	42	95.0	95.0
Stone	21W04	C	111.5	27	54.2	42		
Stone	21W15	C	111.3	29	55.0	39		
Stone	31W04	C	113.0	21	55.6	39		
Sunstar Hybrids	S-1200	C	119.2	4	54.1	34	112.3	104.6
Sunstar Hybrids	S-2000	C	115.3	10	55.5	35	105.8	
Sunstar Hybrids	S-2500	C	108.9	44	53.9	37		
Syngenta	SY 007	C	109.0	42	55.1	37		
Syngenta	SY 474	C	99.4	72	55.6	40	97.0	
Syngenta	SY 483	C	107.4	49	54.3	39	100.1	95.7
Syngenta	SY 547	C	113.9	19	56.1	38		
	Trial Mean		107.6		55.1	37		
	LSD, 10%		7.7		0.7	2		
	CV, %		5.3		0.8	3		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, S= Escalate+Fungicide.

Table 8. Results of the 2015 wheat variety trial at DeKalb, in north central Illinois.

Company	Variety	ST ¹	Yield			2-yr avg	3-yr avg	
			Yield bu/ac	Rank 1 to 79	Test wt. lb/bu	Height in.	2013-15 bu/ac	2012-13.15 bu/ac
AgriMAXX	413	C	95.4	72	53.4	35	86.1	85.8
AgriMAXX	438	C	102.4	42	54.2	39	87.4	
AgriMAXX	444	C	102.3	43	55.3	37		
AgriMAXX	446	C	105.2	22	55.6	36		
AgriMAXX	447	C	114.7	1	55.9	38	97.1	
AgriMAXX	EXP 1555	C	106.7	17	56.0	39		
Baird Seed Farms	L-228	G	96.5	68	57.2	37		
Baird Seed Farms	L-457	G	92.1	76	55.2	39		
Beck's Hybrids	Beck 120	S	106.8	16	53.6	36	91.5	91.8
Beck's Hybrids	Beck 125	S	102.9	38	56.7	38		
Beck's Hybrids	EX 5307	S	101.7	47	56.4	38		
Beck's Hybrids	EX 5401	S	101.1	49	56.5	38		
BioTown Seeds	Diener 491	F	103.3	35	55.7	36		
BioTown Seeds	Diener 496		108.3	10	55.9	34		
DeRaedt Seed	DeRaedt 11	C	108.9	9	55.7	37	94.9	93.4
DeRaedt Seed	DeRaedt 19	C	98.1	64	55.5	36		
DuPont Pioneer	Pioneer 25R25	G	104.5	25	55.0	36		
DuPont Pioneer	Pioneer 25R40	G	98.6	60	55.4	35	87.0	92.2
DuPont Pioneer	Pioneer 25R46	G	109.3	8	56.5	37	85.1	
DuPont Pioneer	Pioneer 25R50	G	107.3	13	56.1	35		
DuPont Pioneer	Pioneer 25R77	G	100.2	54	57.1	37	88.3	
Dyna-Gro	9171	G	108.1	11	53.4	36	91.3	91.4
Dyna-Gro	9223	G	103.2	36	55.9	39	89.2	90.3
Dyna-Gro	9522	G	101.9	45	55.8	37		
Dyna-Gro	9552	G	104.4	26	55.4	37		
Dyna-Gro	WX15712	C	103.8	32	56.2	38		
Equity Seed	Butler	G	112.7	3	56.2	37		
Equity Seed	Guardian	G	104.1	29	56.0	40	83.7	
Green Valley Seed	GV 636	G	107.1	14	56.7	40		
Green Valley Seed	GV 656	G	100.3	53	55.7	39		
GROWMARK	FS 602	C	105.1	23	53.3	37	89.5	89.6
GROWMARK	FS 604	C	94.6	73	56.0	40		
GROWMARK	FS 615	C	101.9	46	55.4	37		
GROWMARK	FS 622	C	95.7	70	56.9	35	84.9	87.4
GROWMARK	FS 624	C	101.2	48	55.2	38		
GROWMARK	FS 625	C	98.1	64	52.5	39	87.4	86.7
Hartke Seed	L-347	G	98.6	62	56.7	41		
Kitchen Seed Company	KSC 413W	G	87.1	78	57.2	38		
Kratz Farms LLC	15188	C	93.9	74	54.1	42		
Kratz Farms LLC	15241	C	110.0	5	57.7	39		
Kratz Farms LLC	15314	C	98.5	63	54.0	41		
Kratz Farms LLC	15400	C	104.2	28	54.2	38		
Lewis Hybrids	Lewis 828	C	96.3	69	53.1	40		
Lewis Hybrids	Lewis 829	C	98.6	60	53.7	42	85.1	86.5
Lewis Hybrids	Lewis 839	C	113.0	2	55.8	38	93.3	
Lewis Hybrids	Lewis 851	C	101.0	50	57.0	39	82.3	
Limagrain Cereal Seeds	L- 11420	G	106.2	20	55.0	40		
Limagrain Cereal Seeds	L- 11421	G	104.4	26	59.0	38		
Limagrain Cereal Seeds	L-264	G	102.8	40	56.5	37		
Limagrain Cereal Seeds	L-461	G	98.7	59	58.4	41		
Martin Seeds, Inc.	M13W	G	107.0	15	52.6	39	94.8	
Martin Seeds, Inc.	Skysail	G	99.3	58	57.2	41	89.4	
Merschman	Agnes	G	100.6	51	55.6	37		
Merschman	Barbie 11	G	107.9	12	55.4	39		
Merschman	Barbie 12	G	109.9	6	55.1	39		
Merschman	Bintee 10	G	96.9	67	59.7	39		
Merschman	Peyton	C	105.5	21	57.2	39		
Merschman	Samantha	G	97.8	66	57.2	39		
Pro Harvest	295		104.6	24	54.2	37		
Pro Harvest	303		103.8	31	57.6	41		
Pro Harvest	310	C	102.8	41	55.9	38		
Pro Harvest	X2001	C	99.8	55	56.1	40		
Pro Harvest	X3001	C	106.4	19	55.3	38		
Pro Harvest	X8001	C	103.0	37	56.1	38		
Pro Harvest	X9001	C	106.5	18	55.3	35		
Pro Seed Genetics	PRO 200		93.7	75	56.4	40		
Pro Seed Genetics	PRO 240		88.3	77	53.6	43	82.6	84.5
Pro Seed Genetics	PRO 260		84.6	79	52.1	37	76.4	81.1
Pro Seed Genetics	PRO 320A		102.3	44	56.2	42	89.5	91.5
Stone	21W04	C	99.7	56	54.5	44		
Stone	21W15	C	99.5	57	52.1	41		
Stone	31W04	C	102.9	39	54.0	38		
Sunstar Hybrids	S-1200	C	110.9	4	55.0	37	91.3	88.1
Sunstar Hybrids	S-2000	C	104.0	30	56.4	36		
Sunstar Hybrids	S-2500	C	103.5	33	56.1	39		
Syngenta	SY 007	C	109.5	7	55.5	40	91.7	
Syngenta	SY 474	C	95.7	71	55.4	41	84.2	
Syngenta	SY 483	C	100.5	52	55.0	36	82.6	86.7
Syngenta	SY 547	C	103.5	34	54.6	40		
	Trial Mean		101.8		55.7	38		
	LSD, 10%		6.7		1.4	2		
	CV, %		4.9		1.9	4		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, S= Escalate+Fungicide.

Table 9. Agronomic characteristics of wheat varieties sold in Illinois. Descriptions of private varieties are provided by companies. See the bottom of the table (second page) for codes.

<u>Origin</u>	<u>Variety</u>	<u>Type</u>	<u>Maturity</u>	<u>Head type</u>	<u>Winter-hardiness</u>	<u>Plant height</u>	<u>Standability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Septoria</u>
AgriMAXX	413	V	E	B	E	MS	E	I	MR	MR
	415	V	M	B	E	M	E	I	MR	MR
	438	V	ML	S	E	M	E	I	MR	MR
	444	V	M	B	E	M	E	I	MR	MR
	446	V	M	B	E	M	E	I	MR	MR
	447	V	M	S	E	M	E	I	MR	MR
	EXP 1555	V	M	B	E	M	E		MR	MR
Baird Seed Farms	L-228	V	ME	S	VG	M	VG	I	MS	MS
	L-457	V	ML	B	E	M	VG	I	MS	MS
Beck's Hybrids	Beck 120	V	ME	B	E	S	E	MR	MR	I
	Beck 125	V	M	B	E	M	VG	MR	MR	MR
	Beck EX5307	V	M	B	E	M	VG	MR	MR	MR
	Beck EX5401	V	ME	B	E	M	VG	MR	MR	MR
	Beck EX5315	V	ME	B	E	M	VG	MR	MR	MR
BioTown Seeds	Diener 491	V	M	B	VG	M	E	S	MS	MS
	Diener 496	V	ME	S	VG	M	E	NR	R	R
	Diener XW1502	V	M	B	E	M	E	NR	MR	MS
DeRaedt Seed	11	V	ME	B	E	M	E	S	I	MR
	19	V	ME	B	E	M	E	S	I	MR
DuPont Pioneer	25R25	V	L	B	E	M	VG	S	I	R
	25R40	V	ML	B	G	S	E	S	I	MR
	25R46	V	ML	B	VG	M	E	S	I	I
	25R50	V	M	S	VG	S	E	R	R	MR
	25R72	V	E	B	G	M	G	S	MR	MR
	25R77	V	E	B	VG	S	E	R	MS	MS
Dyna-Gro Seed	9171	V	ME	B	VG	MS	E	S	MR	I
	9223	V	ML	S	E	MT	VG	S	MS	MR
	9343	V	ML	S	E	MT	VG		I	MR
	9373	V	ML	S	VG	M	E		R	MR
	9441	V	E	S	VG	MT	VG		MR	I
	WX13622	V	M	B	E	M	VG	S	I	MR
	WX13631	V	ME	B	VG	M	E	MS	MR	MR
Equity Enterprises	Guardian	V	ML	S	E	M	E		MR	MR
	Butler	V	M	S	E	M	E		MR	MR
Green Valley Seed	GV 656	V	ME	B	G	M	VG	S	VG	E
	GV 636	V	ME	B	VG	M	VG	MR	VG	VG
Growmark	FS 602	V	ME	B	E	S	E	S	MR	MR
	FS 622	V	M	B	E	M	E	S	MR	MR
	FS 624	V	M	S	VG	M	E	MR	MS	I
	FS 625	V	M	S	E	M	VG	S	MS	I
	FS 604	V								
	FS 615	V								
Hartke Seed Farms	L-347	V	ME	S	VG	M	VG	I	MS	MS
Hoffman Seed House	H7W14	V	ME	B	E	M	E	S	MR	MR
	H7W15	V	ME	B	VG	M	E	MR	MR	MR
	H7W25	V	M	B	VG	M	VG	S	MR	MR
	L168	V	E	S	E	S	E	MR	MR	MR
	L182	V	ME	S	E	T	VG	S	MR	MR
	L228	V	ME	S	VG	M	VG	S	MR	MR
Kitchen Seed	KSC 413W	V	ME	S	E	M	E	T	I	I
Kratz Farms LLC	KF 15188	V	M	S	VG	MT	VG	I	MS	R
	KF 15314	V	M	S	G	M	VG	I	MR	R
	KF 15241	V	ME	S	E	M	VG	I	MS	R
	KF 15141	V	ML	S	VG	M	VG	I	MR	R
Lewis Hybrids	Lewis 829	V	ME	S	E	T	VG	MR	I	I
	Lewis 839	V	M	S	E	M	E	R	MR	MR
	Lewis 851	V	ML	S	E	T	VG	MR	R	MR
	Lewis 828	V	ME	B	E	S	VG	MR		

Table 9, continued

<u>Origin</u>	<u>Variety</u>	<u>Type</u>	<u>Maturity</u>	<u>Head type</u>	<u>Winter-hardiness</u>	<u>Plant height</u>	<u>Standability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Septoria</u>
Limagrain Cereal Seeds	L-11434	V	E	S	G	S	E	I	I	MR
	L- 11421	V	M	S	E	M	G	I	MR	MR
	L- 11420	V	M	S	E	M	VG	I	I	MR
	L-377	V	M	S	E	M	G	I	MR	I
	L-264	V	ME	S	E	M	E	I	MR	MR
	L-461	V	ML	B	E	M	VG	I	MS	I
Martin Seeds	L-172	V	E	S	G	S	E	I	MR	MR
	M13	V	ME	B	VG	M	VG	I	R	MR
Skysail	Skysail	V	M	S	VG	T	G	I	MS	MR
	Merschman Seeds, Inc.	Peyton	V	M	S	E	M	VG	S	I
Barbie 11	Barbie 11	V	M	B	E	M	VG	S	I	I
	Barbie 12	V	M	B	G	M	VG	S	I	I
	Samantha	V	L	S	E	M	G	S	I	I
	Agnes	V	M	B	E	M	VG	S	I	I
	Bintee 10	V	E	S	E	T	VG	S	I	I
Miller Bros. Seed & Fertilizer	L-171	V	VE	S	E	M	VG	I	R	MR
Progeny	P 117	H	E	S	G	M	VG	MS	R	MR
	P 357	H	ME	B	G	M	VG	MS	R	MR
	P 870	H	ME	B	E	T	VG	MS	R	MR
Pro Harvest Seeds Inc.	295	V	ME	S	E	MS	VG	S	R	MS
	303	V	M	S	VG	M	E	S	I	MS
	310	V	M	B	E	M	E	S	I	MS
	X2001	V	M	B	VG	M	VG	S	I	MS
	X3001	V	M	B	VG	M	VG	S	I	MS
	X8001	V	ME	B	VG	M	VG		MS	MS
	X9001	V	M	S	VG	MS	VG	R	MS	R
Pro Seed Genetics	PRO 200	V	M	S	VG	M	VG		R	MR
	PRO 240	V	E	S	G	M	VG		MR	MR
	PRO 260	V	M	S		M				
	PRO 320A	V		B	G	M	VG		MR	MR
	PRO 410	V								
Steyer Seeds	MORRIN	V	M	S	VG	M	E	MR	MR	MR
	EVANS	V	ML	A	VG	M	E	MR	MR	MR
	STex141	V	M	A	VG	M	E	MR	MR	MR
	CELINA	V	M	S	VG	M	E	MR	MR	MR
Stone Seed Group	21W04	V	ME	S	E	MT	E	MR	I	MR
	31W04	V	M	S	E	M	E	R	R	R
	41W04	V	ML	S	E	MS	E	I	R	R
	21W15	V	ME	S	E	M	E	MR	MR	MR
Sunstar Hybrids	S-1200	V	ME	B	VG	M	E		MR	R
	S-2000	V	M	B		M	E		MR	MR
	S-2500	V	M	B	VG	M	E	G	G	
Syngenta	SY 483	V	ML	S	G	M	G		MS	MS
	SY 474	V	M	S	VG	M	EX		MR	MR
	SY 007	V	ME	B	G	M	G		S	MS
	SY 547									
UniSouth Genetics	3251	V	ML	A	VG	M	VG		MR	MR
	3438	V	ME	A	VG	MS	E		MR	MR
	3404	V	ML	A	E	M	E		R	R
	3765	V	ME	A	G	MT	VG	S	MR	MR
Virginia Tech	VA11W-106	V	M	B		M			MR	
	Hilliard	V	M	B		M			MR	

Codes:

Type: V = variety; B = blend; H = hybrid

Maturity: E = 2 or more days earlier than average; ME = 1-2 days early; M = medium maturity, or about average of most varieties grown in Illinois; ML = 1-2 days later than M; L = 2 or more days later than M

Head type: S = smooth (not bearded); T = tip-awned; B = awned (bearded)

Winterhardiness and standability are rated fair (F), good (G), very good (VG) or excellent (E)

Plant height: S = short; M = medium; T = tall

Hessian fly and disease reactions: S = susceptible; R = resistant; I = intermediate;

MS = moderately susceptible; MR = Moderately resistant

**2015 Fusarium head scab evaluation of variety test entries at Urbana.
Varieties with greater head scab resistance have lower ratings or index numbers.**

Scab Resistance			Scab Resistance		
Company	Entry Name	Rating (0-9)	Company	Entry Name	Rating (0-9)
AgriMAXX	AgriMAXX 413	6.5	Martin Seeds, Inc.	M13W	6.5
AgriMAXX	AgriMAXX 415	6.6	Martin Seeds, Inc.	Skysail	2.7
AgriMAXX	AgriMAXX 438	7.7	Merschman	Agnes	5.1
AgriMAXX	AgriMAXX 444	4.7	Merschman	Barbie 11	3.7
AgriMAXX	AgriMAXX 446	6.3	Merschman	Barbie 12	3.8
AgriMAXX	AgriMAXX 447	5.1	Merschman	Bintee 10	3.0
AgriMAXX	Exp 1555	4.5	Merschman	Peyton	3.1
Baird Seed Farms	L-228	3.5	Merschman	Samantha	3.6
Baird Seed Farms	L-457	4.7	Miller Bros Farm and Fert.	L-171	3.7
Beck's Hybrids	Beck 120	7.5	Pro Harvest	PH 295	6.8
Beck's Hybrids	Beck 125	4.7	Pro Harvest	PH 303	3.7
Beck's Hybrids	EX 5307	5.9	Pro Harvest	PH 310	5.4
Beck's Hybrids	EX 5401	4.0	Pro Harvest	X2001	3.2
BioTown Seeds	Diener 491	5.5	Pro Harvest	X3001	4.2
BioTown Seeds	Diener 496	3.9	Pro Harvest	X8001	3.5
BioTown Seeds	Diener XW 1502	5.0	Pro Harvest	X9001	5.2
DeRaedt Seed	DeRaedt 11	6.8	Pro Seed Genetics	PRO 200	4.7
DeRaedt Seed	DeRaedt 19	6.1	Pro Seed Genetics	PRO 240	5.3
DuPont Pioneer	Pioneer 25R25	5.2	Pro Seed Genetics	PRO 260	6.7
DuPont Pioneer	Pioneer 25R40	6.5	Pro Seed Genetics	PRO 320A	4.2
DuPont Pioneer	Pioneer 25R46	5.0	Steyer Seeds	EVANS	5.4
DuPont Pioneer	Pioneer 25R50	6.2	Steyer Seeds	MORRIN	4.8
DuPont Pioneer	Pioneer 25R72	4.6	Steyer Seeds	STex141	4.3
DuPont Pioneer	Pioneer 25R77	5.7	Stone	21W04	5.1
Dyna-Gro	Dyna-Gro 9171	6.2	Stone	21W15	5.8
Dyna-Gro	Dyna-Gro 9223	6.7	Stone	31W04	3.7
Dyna-Gro	Dyna-Gro 9441	4.0	Stone	41W04	4.3
Dyna-Gro	Dyna-Gro 9522	5.4	Sunstar Hybrids	S-1200	6.5
Dyna-Gro	Dyna-Gro 9552	5.9	Sunstar Hybrids	S-2000	5.0
Dyna-Gro	Dyna-Gro 9591	4.6	Sunstar Hybrids	S-2500	4.4
Dyna-Gro	WX14611	5.8	Syngenta	SY 007	6.1
Dyna-Gro	WX15712	4.7	Syngenta	SY 474	4.9
Dyna-Gro	WX15742	3.7	Syngenta	SY 483	5.8
Equity Seed	Butler	5.3	Syngenta	SY 547	4.3
Equity Seed	Guardian	4.4	UniSouth Genetics, Inc.	USG 3251	6.1
GROWMARK	FS 602	7.3	UniSouth Genetics, Inc.	USG 3404	5.5
GROWMARK	FS 604	3.6	UniSouth Genetics, Inc.	USG 3438	6.7
GROWMARK	FS 615	5.8	UniSouth Genetics, Inc.	USG 3765	5.3
GROWMARK	FS 622	5.3	Virginia Crop Impr. Assoc.	Hillard	6.6
GROWMARK	FS 624	6.2	Virginia Crop Impr. Assoc.	VA11W-106	6.4
GROWMARK	FS 625	4.9			
Hartke Seed	L-347	3.6	Susceptable Check	Pioneer 25R40	6.5
Hoffman Seed House	H7W14	6.4	Resistant check	IL02-18228	3.4
Hoffman Seed House	H7W15	5.6			
Hoffman Seed House	H7W25	4.3			
Hoffman Seed House	L-Brand 168	2.8			
Hoffman Seed House	L-Brand 182	3.9			
Kitchen Seed Company	KSC 413W	4.0			
Kratz Farms LLC	KF 15141	4.0			
Kratz Farms LLC	KF 15188	5.0			
Kratz Farms LLC	KF 15214	3.3			
Kratz Farms LLC	KF 15314	6.7			
Lewis Hybrids	Lewis 828	6.4			
Lewis Hybrids	Lewis 829	4.5			
Lewis Hybrids	Lewis 839	4.6			
Lewis Hybrids	Lewis 851	5.4			
Limagrain Cereal Seeds	L- 11420	5.4			
Limagrain Cereal Seeds	L- 11421	6.6			
Limagrain Cereal Seeds	L- 11434	3.9			
Limagrain Cereal Seeds	L- 172	5.4			
Limagrain Cereal Seeds	L- 264	4.5			
Limagrain Cereal Seeds	L- 377	7.6			
Limagrain Cereal Seeds	L- 461	4.8			

Lower numbers = greater resistance. Ratings are based on data collected in a misted, inoculated nursery.