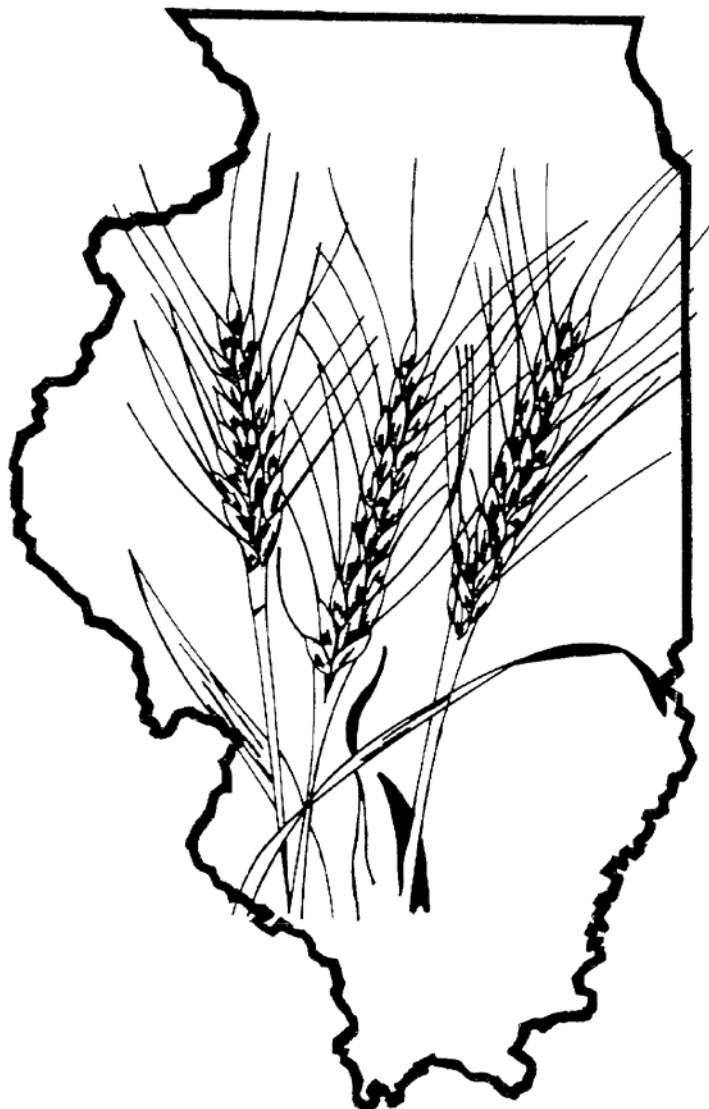


# **WHEAT PERFORMANCE IN ILLINOIS TRIALS – 2017**



**Crop Sciences Special Report 2017-01  
Department of Crop Sciences  
University of Illinois  
July 2017**

**WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2017**  
**Crop Sciences Special Report 2017-01, July 2017**

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The 2016-17 wheat season was a very good one in Illinois, with good yields and good quality. Planted acres for 2017 were 520,000, the same as in the previous year. Harvested area was 490,000 acres in 2017, up slightly from 470,000 acres in 2016. The July 1 yield estimate for Illinois wheat was 75 bushels per acre, one bushel above the yield in 2016 and a new record-high yield for Illinois.

Wheat planting in the fall of 2016 was delayed by late harvest of corn and soybeans and by wet weather; 50% of the crop was planted by October 20, compared to the 5-year average of October 16. The fall and winter were relatively warm, however, and the crop made more than normal growth during the fall and spent less time in dormancy than it normally does. There was an unusual pattern to the winter weather, with February much warmer than normal and average March temperatures close to normal overall but with some temperatures below 20 degrees in mid-March. Winter survival was very good, and even with the setback of low temperatures in mid-March, crop development in the spring was ahead of normal.

April was a little warmer than normal, and heading was much earlier than normal. Statewide, 50% of the wheat crop was headed by April 29, almost two weeks earlier than normal. Harvest also started early, with almost half of the crop harvested by June 15, some 10 days earlier than normal. Most of the Illinois crop experienced rainfall sometime during the flowering period, but the Fusarium head blight (scab) did not develop nearly as much as expected, and this disease had little effect on yield or grain quality in 2017. Stripe rust, which was serious in 2016, was not a problem in 2017. The only unusual thing we saw in the variety trials was some lodging in some varieties at some locations. We don't know the reason for this, but we rated it at locations where the amount of lodging appeared to affect yield of some varieties.

The 2016-17 wheat variety trials were planted on time – see the table below. 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 in the tables.

<b>Location</b>	<b>Cooperator</b>	<b>Soil type</b>	<b>Planting date</b>	<b>N fertilizer</b>	<b>Harvest date</b>
Elkville	Trent Funk	Hoyleton silt loam	Oct. 10	30 Fall 100 Spring	June 12
Belleville	Ron Krausz	Ebbert silt loam	Oct. 11	30 Fall 85 Spring	June 12
Neoga	Dennis Brown	Wynoose silt loam	Oct. 5	30 Fall 100 Spring	June 19
Perry/Orr Center	Mike Vose	Clarksdale silt loam	Sept. 30	30 Fall 80 Spring	June 20
Urbana	Jeff Warren	Flanagan silt loam	Sept. 26	30 Fall 40 Spring	June 22
Hampshire	Dezeri DeRaedt	Drummer sily clay loam	Sept. 29	30 Fall 80 Spring	July 17

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 2017.

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

Equity Seed  
PO Box 978  
Westfield, IN 46074  
(888) 898-7333

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

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

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

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

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

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

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

CROPLAN by Winfield  
1050 CR F West/MS5850  
Shoreview, MN 55126  
www.winfield.com

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

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

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

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

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

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

Syngenta  
14031 Trestle Rd  
Highland, IL 62249  
(765) 412-5420

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

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

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

Table 1. Southern Illinois regional wheat variety trial results, 2017

Company	Variety	ST <sup>1</sup>	Regional Average					Elkville			Belleville			Neoga		
			Yield bu/ac	Yield Rank 1 to 74	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Height in.	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu
AgriMAXX	444	C	106.0	5	0.3	58.2	37	110.2	1.0	58.1	94.1	0.0	58.8	113.5	0.0	57.7
AgriMAXX	446	C	105.9	7	1.4	56.9	36	120.6	2.3	56.1	81.8	1.7	57.9	115.3	0.3	56.7
AgriMAXX	452	C	94.9	61	0.6	57.1	38	101.8	0.0	55.3	85.8	0.0	57.7	97.2	1.7	58.4
AgriMAXX	454	C	102.4	20	0.4	59.4	37	118.7	0.0	62.7	81.0	0.7	58.0	107.4	0.7	57.5
AgriMAXX	463	C	110.9	1	1.0	58.6	34	116.0	0.7	59.0	95.4	0.0	58.1	121.2	2.3	58.8
AgriMAXX	464	C	101.7	26	1.6	57.8	36	100.1	3.0	60.4	98.0	0.0	54.4	106.9	1.7	58.7
AgriMAXX	473	C	101.9	24	1.2	59.0	36	109.2	1.3	61.0	74.7	2.3	56.7	121.8	0.0	59.4
AgriMAXX	475	C	95.3	58	2.4	58.1	35	92.9	4.3	60.7	86.3	2.0	55.7	106.9	1.0	57.9
AgriMAXX	Exp. 1785	C	100.9	32	0.4	56.2	34	111.3	0.7	57.8	80.8	0.7	52.4	110.5	0.0	58.3
AgriMAXX	Exp. 1786	C	96.0	51	0.9	58.9	36	97.2	2.0	62.2	77.9	0.7	56.4	112.7	0.0	58.0
Beck's Hybrids	Beck 120	E	104.3	10	0.4	58.4	34	107.9	0.0	62.9	87.7	1.0	53.5	117.5	0.3	58.7
Beck's Hybrids	Beck 123	E	93.5	63	0.6	58.1	38	102.7	0.0	57.9	77.8	0.0	56.5	99.9	1.7	59.8
Beck's Hybrids	Beck 125	E	100.9	31	0.3	60.5	37	105.8	1.0	62.1	86.2	0.0	59.4	110.6	0.0	60.1
Beck's Hybrids	Beck 128	E	102.6	17	0.7	58.2	37	117.8	2.0	61.7	83.0	0.0	55.1	107.1	0.0	57.9
BioTown Seeds	D491W	C	98.5	39	1.2	58.1	36	109.3	1.3	61.5	79.7	1.7	56.4	106.5	0.7	56.3
BioTown Seeds	D496W	C	102.0	23	0.6	56.4	34	107.8	0.3	56.0	90.0	0.0	56.6	108.4	1.3	56.5
BioTown Seeds	D510W	C	104.8	8	0.7	61.2	35	121.6	1.3	62.3	77.6	0.0	58.4	115.2	0.7	63.0
BioTown Seeds	DXW 1601	C	101.7	27	0.8	58.7	35	99.2	2.3	59.3	93.3	0.0	58.7	112.5	0.0	58.1
Croplan	SRW 9415	C	95.3	59	1.9	57.1	36	103.9	0.7	53.7	63.2	5.0	58.1	118.7	0.0	59.5
Croplan	SRW 9606	C	104.2	12	0.6	58.8	36	120.2	0.0	57.5	91.8	0.0	60.3	100.8	1.7	58.7
Croplan	SS 8530	C	101.5	29	0.7	57.2	36	110.1	1.0	59.1	80.3	1.0	54.7	114.0	0.0	57.8
Croplan	SS 8550	C	102.2	22	0.6	58.6	38	105.7	0.7	57.2	81.1	1.0	58.3	119.9	0.0	60.4
DuPont Pioneer	Pioneer 25R61	G	101.7	28	0.4	59.9	37	103.2	1.0	59.4	89.5	0.3	60.4	112.3	0.0	60.0
DuPont Pioneer	Pioneer 25R74	G	101.8	25	0.7	58.4	35	99.8	2.0	60.4	86.7	0.0	54.9	119.1	0.0	59.9
DuPont Pioneer	Pioneer 25R77	G	101.0	30	0.8	59.9	36	100.4	1.7	61.8	91.2	0.0	59.8	111.3	0.7	58.1
Dyna-Gro	9223	G	106.7	4	0.2	58.1	38	119.2	0.7	58.1	85.8	0.0	56.1	115.2	0.0	60.1
Dyna-Gro	9522	G	105.9	6	0.6	57.6	37	116.9	1.0	59.4	83.0	0.7	53.7	118.0	0.0	59.7
Dyna-Gro	9591	G	104.6	9	0.4	58.5	37	115.9	0.0	58.1	86.7	1.0	55.9	111.1	0.3	61.4
Dyna-Gro	9701	G	98.0	41	1.4	57.5	38	95.8	3.3	56.3	80.4	1.0	58.9	117.6	0.0	57.4
Dyna-Gro	9750	G	108.7	2	0.7	57.9	34	111.6	1.0	58.8	97.6	0.0	57.7	117.0	1.0	57.2
Dyna-Gro	9772	G	102.4	18	1.0	57.4	37	107.2	2.0	56.1	88.2	1.0	57.8	111.8	0.0	58.2
Dyna-Gro	WX17782	G	103.9	13	0.4	60.5	34	117.3	0.7	61.1	84.5	0.0	60.1	110.0	0.7	60.4
GROWMARK	FS 604	C	92.1	65	1.7	59.0	37	108.0	1.0	60.6	87.2	0.0	58.0	81.1	4.0	58.3
GROWMARK	FS 615	C	102.4	19	1.0	56.1	37	111.7	1.3	60.1	78.4	1.3	52.3	116.9	0.3	55.9
GROWMARK	FS 619	C	99.4	36	1.1	60.1	38	107.0	1.7	63.0	78.6	0.0	60.2	112.6	1.7	57.2
GROWMARK	FS 622	C	97.3	44	0.2	57.7	37	99.5	0.7	61.1	82.4	0.0	50.9	109.9	0.0	61.2
GROWMARK	FS 624	C	95.8	53	1.4	59.2	38	105.2	2.0	61.5	85.2	1.0	59.9	96.8	1.3	56.2
GROWMARK	WX17A	C	95.5	57	1.2	58.7	36	86.3	2.7	59.9	84.5	1.0	58.8	115.6	0.0	57.3
GROWMARK	WX17B	C	103.2	14	0.3	58.6	35	106.1	0.7	60.9	84.4	0.0	56.7	119.2	0.3	58.1
Hoffman Seed House	H7W15	C	97.1	45	1.2	57.6	37	104.2	2.3	55.1	83.4	0.0	56.7	103.7	1.3	60.9
Hoffman Seed House	H7W16	C	99.4	35	0.6	58.2	35	106.6	0.7	58.2	83.1	0.7	58.9	108.5	0.3	57.6
Hoffman Seed House	H7W17	C	97.7	43	0.4	58.3	36	104.9	0.0	60.3	84.6	0.0	56.6	103.8	1.3	57.9
Hoffman Seed House	H7W26	C	91.7	66	1.6	59.1	37	112.5	0.7	59.4	63.0	2.7	56.1	99.6	1.3	61.7
Hoffman Seed House	H7W27	C	96.0	50	0.2	57.5	37	108.3	0.3	59.7	73.7	0.0	57.2	106.1	0.3	55.5
Kitchen Seed Company	KSC 416	G	95.5	56	0.7	56.9	38	104.0	2.0	55.0	80.9	0.0	57.9	101.6	0.0	57.6
Kitchen Seed Company	KSC 417	G	91.0	67	2.1	58.6	37	85.3	3.7	59.3	82.9	1.0	56.5	104.7	1.7	60.1
Kratz Farms LLC	16421	G	95.6	54	0.2	57.0	37	96.3	0.3	57.8	83.8	0.0	55.9	106.6	0.3	57.4
Limagrain Cereal Seeds	L11418	C	102.9	16	1.2	58.6	36	110.9	1.3	56.2	88.8	0.7	60.9	109.1	1.7	58.7
Limagrain Cereal Seeds	L11538	C	92.9	64	1.7	58.1	38	92.8	2.3	59.7	85.9	1.0	53.6	100.1	1.7	61.0
Limagrain Cereal Seeds	L11550	C	89.4	70	1.1	57.4	36	109.7	0.7	56.6	73.3	0.0	56.9	85.1	2.7	58.7
Limagrain Cereal Seeds	L11610	C	86.0	72	1.8	59.2	36	92.9	1.0	59.8	93.8	0.0	61.6	71.3	4.3	56.1
Limagrain Cereal Seeds	L11621	C	104.3	11	1.3	59.6	37	113.0	0.7	61.2	91.8	0.3	60.0	108.0	3.0	57.7
Miller Bros Farm and Fert.	L-304	G	76.6	74	1.2	59.9	36	84.9	0.0	59.7	74.6	0.0	59.5	70.4	3.7	60.6
Miller Bros Farm and Fert.	L-214	G	96.2	48	0.4	55.1	36	102.4	1.0	56.4	83.7	0.0	50.4	102.6	0.3	58.4
Pro Harvest	282		102.3	21	0.6	57.4	33	106.3	0.3	56.7	88.8	0.0	59.2	111.9	1.3	56.1
Pro Harvest	291		100.4	34	0.6	58.0	37	110.9	0.7	60.5	81.7	0.3	56.7	108.7	0.7	56.7
Pro Harvest	312		97.9	42	0.8	57.7	39	100.8	1.3	56.3	75.9	1.0	58.6	116.9	0.0	58.2
Stone	21W04	C	96.1	49	0.0	56.9	38	111.8	0.0	58.9	77.8	0.0	52.7	98.8	0.0	59.1
Stone	31W04	C	96.7	47	0.4	60.3	37	111.0	1.3	63.1	72.0	0.0	57.9	107.2	0.0	59.9
Stone	31W16	C	96.9	46	0.2	58.9	37	99.5	0.7	58.4	82.9	0.0	59.3	108.4	0.0	58.8
Stone	41W04	C	95.8	52	0.4	58.8	39	110.9	1.3	61.4	71.5	0.0	56.3	105.1	0.0	58.6
Syngenta	SY 100	C	100.6	33	0.7	53.9	36	103.3	1.0	54.2	86.7	0.0	50.9	111.9	1.0	56.8
Syngenta	SY 483	C	103.2	15	0.4	59.4	38	112.9	0.7	60.1	84.9	0.7	59.5	111.8	0.0	58.6
Syngenta	SY 547	C	95.5	55	0.6	57.9	39	95.4	1.7	58.4	76.2	0.0	58.7	115.0	0.0	56.4
USG	3197	G	98.7	38	0.8	58.6	38	95.8	0.7	60.1	89.9	0.0	55.8	110.6	1.7	59.9
USG	3404	G	98.8	37	1.2	59.2	37	107.1	1.3	63.0	80.3	1.7	53.5	109.0	0.7	61.1
USG	3448	G	98.2	40	1.4	58.5	35	81.8	4.0	59.7	92.5	0.0	56.7	120.3	0.3	59.0
USG	EXP 3228	G	107.3	3	1.1	56.1	34	109.2	0.0	57.2	97.2	0.7	54.0	115.6	2.7	57.1
Virginia Crop Impr. Assoc.	Hilliard	G	87.0	71	1.0	60.3	38	86.7	1.7	63.8	67.4	1.0	60.2	107.0	0.3	56.8
Virginia Crop Impr. Assoc.	VA11W-108PA	G	84.1	73	0.4	56.7	37	75.0	1.3	55.2	76.0	0.0	55.6	101.5	0.0	59.5
Virginia Crop Impr. Assoc.	VA11W-313	G	89.5	69	1.0	56.1	35	84.0	1.3	57.1	80.3	0.3	56.1	104.2	1.3	55.0
Virginia Crop Impr. Assoc.	VA12W-31	G	90.6	68	1.0	58.6	35	99.8	1.0	65.1	77.2	0.0	53.5	94.6	2.0	57.3
Virginia Crop Impr. Assoc.	VA12W-68	G	94.7	62	0.3	58.5	37	93.1	0.3	59.8	84.2	0.0	53.3	106.9	0.7	62.5
Virginia Crop Impr. Assoc.	VA12W-72	G	95.1	60	0.6	55.8	35	91.7	1.7	59.2	84.3	0.0	50.0	109.3	0.0	58.2
	Trial Mean		97.8			58.3	36	103.9		59.3	83.0		57.0	106.5		58.7
	LSD, 10%		8.2			2.2	1	11.8		3.8	9.5		3.7	11.9		3.4
	CV, %		15.4			6.9	5	8.4		4.8	8.5		4.8	8.3		4.3

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide and S= Escalate+Fungicide.

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.

Table 2. Northern Illinois regional wheat variety trial results, 2017

Company	Variety	ST <sup>1</sup>	Regional Average				Urbana		Perry		Hampshire		
			Yield bu/ac	Yield Rank 1 to 54	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu
AgriMAXX	413	C	109.1	9	56.4	36	91.1	56.5	121.3	0.0	58.2	114.7	54.5
AgriMAXX	438	C	113.3	2	58.7	38	92.0	58.5	128.5	2.0	61.7	119.4	56.0
AgriMAXX	444	C	104.8	19	56.5	38	90.7	58.3	105.6	1.3	54.1	117.9	57.0
AgriMAXX	446	C	96.0	51	58.5	36	87.9	59.6	95.2	2.7	59.7	105.0	56.2
AgriMAXX	452	C	102.5	24	59.8	38	83.8	61.0	116.5	1.7	60.8	107.3	57.5
AgriMAXX	454	C	107.0	12	58.0	37	90.4	59.4	118.9	1.3	58.2	111.6	56.4
AgriMAXX	463	C	101.1	31	55.7	35	79.8	59.9	117.4	0.0	55.3	106.2	51.8
AgriMAXX	464	C	102.0	26	58.0	38	90.9	58.1	110.5	1.7	62.3	104.5	53.8
AgriMAXX	475	C	99.3	40	58.4	37	88.6	59.4	112.6	2.3	59.0	96.8	56.6
AgriMAXX	Exp. 1785	C	98.4	46	58.1	37	85.5	59.5	107.9	2.0	59.3	101.7	55.5
AgriMAXX	Exp. 1786	C	110.0	5	59.2	38	89.3	60.6	123.0	0.0	60.6	117.9	56.3
BioTown Seeds	D510W	C	93.2	54	57.3	36	83.3	61.5	107.5	0.0	56.0	88.7	54.3
BioTown Seeds	DXW 1601	C	101.2	30	57.3	37	80.7	61.3	115.6	3.0	55.4	107.3	55.2
DeRaedt Seed	DeRaedt 11	F	111.0	4	57.5	36	89.4	59.4	122.4	0.0	57.4	121.2	55.7
DuPont Pioneer	Pioneer 25R25	G	107.7	11	56.0	37	87.8	58.5	120.9	2.0	56.2	114.3	53.4
DuPont Pioneer	Pioneer 25R40	G	107.0	12	57.8	36	83.1	61.6	122.0	0.0	58.0	115.7	53.8
DuPont Pioneer	Pioneer 25R61	G	108.2	10	57.2	38	90.7	59.4	115.3	1.0	56.1	118.7	56.1
DuPont Pioneer	Pioneer 25R74	G	101.8	28	60.4	37	89.0	60.9	112.5	2.0	62.8	104.0	57.5
DuPont Pioneer	Pioneer 25R77	G	99.9	37	58.2	37	83.8	60.5	112.1	1.7	55.5	103.8	58.5
Dyna-Gro	9552	G	106.6	14	56.9	37	88.3	60.6	107.8	2.0	55.2	123.8	55.0
Dyna-Gro	9692	G	100.1	35	59.9	39	83.7	60.0	104.1	3.0	63.8	112.6	56.0
Dyna-Gro	9701	G	98.9	43	57.6	39	77.6	61.2	106.8	1.7	56.9	112.2	54.7
Dyna-Gro	9750	G	100.2	34	55.8	36	77.2	58.7	112.1	2.7	53.7	111.4	54.9
Dyna-Gro	9772	G	100.6	33	56.6	38	89.1	58.4	105.1	2.3	57.5	107.5	54.0
Dyna-Gro	WX17782	G	99.8	38	59.3	36	76.3	62.7	108.6	2.3	56.8	114.5	58.5
Equity Seed	Butler	C	109.3	8	58.1	38	90.7	59.9	123.4	0.0	55.8	114.0	58.6
GROWMARK	FS 604	C	96.7	49	57.3	37	87.5	59.6	108.7	2.3	58.8	93.9	53.6
GROWMARK	FS 615	C	109.6	6	57.2	37	89.3	59.8	119.0	2.0	56.8	120.4	55.0
GROWMARK	FS 619	C	104.5	20	56.7	39	92.2	58.0	110.0	3.7	57.2	111.4	54.8
GROWMARK	FS 622	C	95.3	52	58.8	37	85.0	61.6	111.2	2.7	58.6	89.6	56.1
GROWMARK	FS 624	C	99.1	41	58.4	39	83.8	61.5	108.9	2.0	58.2	104.6	55.5
GROWMARK	WX17A	C	98.5	44	56.7	35	84.3	60.9	114.8	0.7	54.4	96.4	54.9
GROWMARK	WX17B	C	96.6	50	56.8	36	78.0	59.9	118.2	1.7	58.4	93.5	51.9
Kitchen Seed Co.	KSC 416	G	102.9	23	58.0	39	82.8	61.8	112.3	1.7	56.3	113.4	55.8
Kitchen Seed Co.	KSC 417	G	99.9	36	57.6	38	84.5	62.3	103.8	1.3	55.4	111.5	54.9
Lewis Hybrids	Lewis 828	C	100.9	32	58.4	39	85.4	60.1	116.9	1.3	59.8	100.5	55.1
Lewis Hybrids	Lewis 833	C	98.9	42	56.6	38	82.2	60.8	109.4	0.7	54.6	105.1	54.5
Lewis Hybrids	Lewis 839	C	99.7	39	57.9	37	90.0	59.6	109.8	2.7	58.8	99.5	55.3
Martin Seeds, Inc.	Amp16	F	104.5	21	57.3	36	88.1	60.7	120.9	0.7	56.5	104.5	54.5
Monier Seed	MW857	F	104.8	18	56.3	40	81.7	60.8	116.6	1.0	57.2	116.1	51.0
Pro Harvest	282	G	97.0	48	55.3	35	83.2	56.9	111.5	2.0	55.8	96.5	53.3
Pro Harvest	291	G	106.5	15	58.0	37	92.8	57.6	114.2	1.0	59.2	112.5	57.2
Pro Harvest	312	G	104.2	22	58.4	37	82.8	60.9	120.0	0.3	58.9	109.9	55.5
Pro Harvest	X1201	C	98.0	47	58.5	37	87.3	59.8	106.9	2.7	57.1	99.7	58.5
Pro Harvest	X2301	C	98.4	45	58.1	36	85.0	60.3	115.5	0.7	60.5	94.8	53.6
Pro Seed Genetics	PRO 380		102.0	25	61.1	39	84.5	63.2	123.8	1.3	57.7	97.8	62.3
Pro Seed Genetics	PRO 410		101.9	27	58.8	37	87.2	60.6	113.6	0.3	58.8	104.9	56.9
Stone	21W04	C	106.2	16	57.9	38	87.7	59.9	113.6	0.7	56.8	117.3	57.0
Stone	21W15	C	105.9	17	57.9	39	83.1	57.4	121.2	0.3	60.2	113.2	56.1
Stone	31W04	C	109.4	7	58.2	37	90.6	58.1	122.6	0.0	58.7	114.9	57.8
Stone	41W04	C	101.2	29	56.5	40	84.0	59.4	116.1	0.0	57.7	103.5	52.5
Syngenta	SY 100	C	112.7	3	57.3	36	98.5	58.2	122.1	2.3	58.2	117.6	55.4
Syngenta	SY 483	C	113.5	1	57.9	38	87.4	60.8	126.6	0.3	59.3	126.5	53.6
Syngenta	SY 547	C	94.7	53	57.5	40	81.0	59.6	89.3	1.3	59.1	113.7	53.8
	Trial Mean		101.9		57.9	37	85.4	60.0	113.9		58.0	106.2	55.7
	LSD, 10%		6.9		1.7	1	5.7	1.6	13.4		4.9	12.0	3.6
	CV, %		12.4		5.5	7	5.0	2.0	8.7		6.2	8.3	4.7

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide.

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.

Table 3. Results of the 2017 wheat variety trial at Elkhart, in far southcentral Illinois.

Company	Variety	ST <sup>1</sup>	Yield bu/ac	Yield		Ldg. <sup>2</sup> 0 to 5	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg <sup>2</sup>
				Rank 1 to 74					2016-17 bu/ac	2015-17 bu/ac
AgriMAXX	444	C	110.2	22	1.0	58.1	35	109.4	96.8	
AgriMAXX	446	C	120.6	2	2.3	56.1	33	123.0	114.4	
AgriMAXX	452	C	101.8	49	0.0	55.3	35	106.1		
AgriMAXX	454	C	118.7	5	0.0	62.7	34	117.1		
AgriMAXX	463	C	116.0	9	0.7	59.0	31	110.9		
AgriMAXX	464	C	100.1	52	3.0	60.4	32	110.3		
AgriMAXX	473	C	109.2	27	1.3	61.0	33			
AgriMAXX	475	C	92.9	65	4.3	60.7	31			
AgriMAXX	Exp. 1785	C	111.3	17	0.7	57.8	32			
AgriMAXX	Exp. 1786	C	97.2	58	2.0	62.2	34			
Beck's Hybrids	Beck 120	E	107.9	30	0.0	62.9	31	112.0	105.0	
Beck's Hybrids	Beck 123	E	102.7	47	0.0	57.9	35	101.7		
Beck's Hybrids	Beck 125	E	105.8	38	1.0	62.1	35	105.6	104.2	
Beck's Hybrids	Beck 128	E	117.8	6	2.0	61.7	34	116.9		
BioTown Seeds	D491W	C	109.3	25	1.3	61.5	33	114.5	110.3	
BioTown Seeds	D496W	C	107.8	31	0.3	56.0	29	110.4	106.6	
BioTown Seeds	D510W	C	121.6	1	1.3	62.3	33			
BioTown Seeds	DXW 1601	C	99.2	57	2.3	59.3	33	107.3		
Croplan	SRW 9415	C	103.9	44	0.7	53.7	34			
Croplan	SRW 9606	C	120.2	3	0.0	57.5	33			
Croplan	SS 8530	C	110.1	23	1.0	59.1	32			
Croplan	SS 8550	C	105.7	39	0.7	57.2	36			
DuPont Pioneer	Pioneer 25R61	G	103.2	46	1.0	59.4	34			
DuPont Pioneer	Pioneer 25R74	G	99.8	54	2.0	60.4	32			
DuPont Pioneer	Pioneer 25R77	G	100.4	51	1.7	61.8	34	103.8	103.8	
Dyna-Gro	9223	G	119.2	4	0.7	58.1	35	115.6	115.8	
Dyna-Gro	9522	G	116.9	8	1.0	59.4	35	117.5	114.3	
Dyna-Gro	9591	G	115.9	10	0.0	58.1	34	111.1	107.8	
Dyna-Gro	9701	G	95.8	60	3.3	56.3	36			
Dyna-Gro	9750	G	111.6	16	1.0	58.8	31			
Dyna-Gro	9772	G	107.2	32	2.0	56.1	34	111.6	108.4	
Dyna-Gro	WX17782	G	117.3	7	0.7	61.1	32			
GROWMARK	FS 604	C	108.0	29	1.0	60.6	33	108.8	102.5	
GROWMARK	FS 615	C	111.7	15	1.3	60.1	35	114.1	108.8	
GROWMARK	FS 619	C	107.0	34	1.7	63.0	36	111.6		
GROWMARK	FS 622	C	99.5	55	0.7	61.1	35	105.5	104.1	
GROWMARK	FS 624	C	105.2	40	2.0	61.5	36	108.6	103.3	
GROWMARK	WX17A	C	86.3	69	2.7	59.9	34			
GROWMARK	WX17B	C	106.1	37	0.7	60.9	31			
Hoffman Seed House	H7W15	C	104.2	42	2.3	55.1	33	111.3	109.4	
Hoffman Seed House	H7W16	C	106.6	35	0.7	58.2	35			
Hoffman Seed House	H7W17	C	104.9	41	0.0	60.3	31			
Hoffman Seed House	H7W26	C	112.5	13	0.7	59.4	34			
Hoffman Seed House	H7W27	C	108.3	28	0.3	59.7	34			
Kitchen Seed Company	KSC 416	G	104.0	43	2.0	55.0	35			
Kitchen Seed Company	KSC 417	G	85.3	70	3.7	59.3	33			
Kratz Farms LLC	16421	G	96.3	59	0.3	57.8	34			
Limagrain Cereal Seeds	L11418	C	110.9	19	1.3	56.2	33			
Limagrain Cereal Seeds	L11538	C	92.8	66	2.3	59.7	35			
Limagrain Cereal Seeds	L11550	C	109.7	24	0.7	56.6	33			
Limagrain Cereal Seeds	L11610	C	92.9	64	1.0	59.8	34			
Limagrain Cereal Seeds	L11621	C	113.0	11	0.7	61.2	34			
Miller Bros Farm and Fert.	L-304	G	84.9	71	0.0	59.7	32	90.9		
Miller Bros Farm and Fert.	L-214	G	102.4	48	1.0	56.4	32			
Pro Harvest	282		106.3	36	0.3	56.7	30	110.5		
Pro Harvest	291		110.9	21	0.7	60.5	34	114.8	111.0	
Pro Harvest	312		100.8	50	1.3	56.3	37			
Stone	21W04	C	111.8	14	0.0	58.9	37	109.4	107.6	
Stone	31W04	C	111.0	18	1.3	63.1	35	106.8	106.1	
Stone	31W16	C	99.5	56	0.7	58.4	35			
Stone	41W04	C	110.9	20	1.3	61.4	37	110.5	109.9	
Syngenta	SY 100	C	103.3	45	1.0	54.2	34			
Syngenta	SY 483	C	112.9	12	0.7	60.1	36			
Syngenta	SY 547	C	95.4	62.0	1.7	58.4	34	100.2	98.0	
USG	3197	G	95.8	61.0	0.7	60.1	34	106.5		
USG	3404	G	107.1	33.0	1.3	63.0	35	110.7	106.2	
USG	3448	G	81.8	73.0	4.0	59.7	32			
USG	EXP 3228	G	109.2	26.0	0.0	57.2	30			
Virginia Crop Impr. Assoc.	Hilliard	G	86.7	68	1.7	63.8	34	101.7	103.0	
Virginia Crop Impr. Assoc.	VA11W-108PA	G	75.0	74	1.3	55.2	34			
Virginia Crop Impr. Assoc.	VA11W-313	G	84.0	72	1.3	57.1	33			
Virginia Crop Impr. Assoc.	VA12W-31	G	99.8	53	1.0	65.1	32			
Virginia Crop Impr. Assoc.	VA12W-68	G	93.1	63	0.3	59.8	32			
Virginia Crop Impr. Assoc.	VA12W-72	G	91.7	67.0	1.7	59.2	31	100.2		
	Trial Mean		103.9			59.3	33			
	LSD, 10%		11.8			3.8	2			
	CV, %		8.4			4.8	5			

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, E= Escalate+Fungicide.

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.

Pest management is carried out by the cooperater at this site. In 2017 this included Trivapro fungicide and Warrior insecticide on March 23, and Prosaro fungicide on April 30.

**Table 4. Results of the 2017 wheat variety trial at Belleville, in southwestern Illinois.**

Company	Variety	ST <sup>1</sup>	Yield bu/ac	Yield		Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
				Rank 1 to 74	Ldg. <sup>2</sup> 0 to 5			2016-17 bu/ac	2015-17 bu/ac
AgriMAXX	444	C	94.1	5	0.0	58.8	37	95.9	92.0
AgriMAXX	446	C	81.8	45	1.7	57.9	36	90.1	86.9
AgriMAXX	452	C	85.8	27	0.0	57.7	39	77.0	
AgriMAXX	454	C	81.0	48	0.7	58.0	38	75.8	
AgriMAXX	463	C	95.4	4	0.0	58.1	35	98.6	
AgriMAXX	464	C	98.0	1	0.0	54.4	37	91.3	
AgriMAXX	473	C	74.7	66	2.3	56.7	36		
AgriMAXX	475	C	86.3	23	2.0	55.7	36		
AgriMAXX	Exp. 1785	C	80.8	50	0.7	52.4	34		
AgriMAXX	Exp. 1786	C	77.9	58	0.7	56.4	37		
Beck's Hybrids	Beck 120	E	87.7	18	1.0	53.5	35	90.0	88.4
Beck's Hybrids	Beck 123	E	77.8	59	0.0	56.5	38	82.3	
Beck's Hybrids	Beck 125	E	86.2	24	0.0	59.4	37	89.3	86.2
Beck's Hybrids	Beck 128	E	83.0	40	0.0	55.1	38	75.3	
BioTown Seeds	D491W	C	79.7	55	1.7	56.4	36	82.8	82.6
BioTown Seeds	D496W	C	90.0	12	0.0	56.6	36	97.3	96.5
BioTown Seeds	D510W	C	77.6	61	0.0	58.4	34		
BioTown Seeds	DXW 1601	C	93.3	7	0.0	58.7	36	91.6	
Croplan	SRW 9415	C	63.2	73	5.0	58.1	37		
Croplan	SRW 9606	C	91.8	10	0.0	60.3	36		
Croplan	SS 8530	C	80.3	52	1.0	54.7	37		
Croplan	SS 8550	C	81.1	47	1.0	58.3	38		
DuPont Pioneer	Pioneer 25R61	G	89.5	14	0.3	60.4	38		
DuPont Pioneer	Pioneer 25R74	G	86.7	22	0.0	54.9	36		
DuPont Pioneer	Pioneer 25R77	G	91.2	11	0.0	59.8	36	92.6	89.5
Dyna-Gro	9223	G	85.8	26	0.0	56.1	39	87.4	83.5
Dyna-Gro	9522	G	83.0	41	0.7	53.7	36	88.6	87.7
Dyna-Gro	9591	G	86.7	21	1.0	55.9	37	88.8	88.7
Dyna-Gro	9701	G	80.4	51	1.0	58.9	38		
Dyna-Gro	9750	G	97.6	2	0.0	57.7	35		
Dyna-Gro	9772	G	88.2	17	1.0	57.8	38	85.7	84.5
Dyna-Gro	WX17782	G	84.5	32	0.0	60.1	34		
GROWMARK	FS 604	C	87.2	19	0.0	58.0	37	81.3	81.7
GROWMARK	FS 615	C	78.4	57	1.3	52.3	36	89.7	87.4
GROWMARK	FS 619	C	78.6	56	0.0	60.2	38	81.3	
GROWMARK	FS 622	C	82.4	44	0.0	50.9	36	84.1	83.4
GROWMARK	FS 624	C	85.2	28	1.0	59.9	39	89.8	88.8
GROWMARK	WX17A	C	84.5	31	1.0	58.8	36		
GROWMARK	WX17B	C	84.4	33	0.0	56.7	35		
Hoffman Seed House	H7W15	C	83.4	38	0.0	56.7	37	89.6	86.6
Hoffman Seed House	H7W16	C	83.1	39	0.7	58.9	34		
Hoffman Seed House	H7W17	C	84.6	30	0.0	56.6	36		
Hoffman Seed House	H7W26	C	63.0	74	2.7	56.1	37		
Hoffman Seed House	H7W27	C	73.7	68	0.0	57.2	37		
Kitchen Seed Company	KSC 416	G	80.9	49	0.0	57.9	39		
Kitchen Seed Company	KSC 417	G	82.9	43	1.0	56.5	39		
Kratz Farms LLC	16421	G	83.8	36	0.0	55.9	36		
Limagrain Cereal Seeds	L11418	C	88.8	15	0.7	60.9	36		
Limagrain Cereal Seeds	L11538	C	85.9	25	1.0	53.6	39		
Limagrain Cereal Seeds	L11550	C	73.3	69	0.0	56.9	36		
Limagrain Cereal Seeds	L11610	C	93.8	6	0.0	61.6	36		
Limagrain Cereal Seeds	L11621	C	91.8	9	0.3	60.0	38		
Miller Bros Farm and Fert.	L-304	G	74.6	67	0.0	59.5	37	78.3	
Miller Bros Farm and Fert.	L-214	G	83.7	37	0.0	50.4	36		
Pro Harvest	282		88.8	16	0.0	59.2	34	97.6	
Pro Harvest	291		81.7	46	0.3	56.7	38	77.8	79.9
Pro Harvest	312		75.9	65	1.0	58.6	37		
Stone	21W04	C	77.8	60	0.0	52.7	37	84.5	82.7
Stone	31W04	C	72.0	70	0.0	57.9	36	82.0	82.2
Stone	31W16	C	82.9	42	0.0	59.3	37		
Stone	41W04	C	71.5	71	0.0	56.3	39	68.6	72.3
Syngenta	SY 100	C	86.7	20	0.0	50.9	36		
Syngenta	SY 483	C	84.9	29	0.7	59.5	39		
Syngenta	SY 547	C	76.2	63	0.0	58.7	39	78.1	81.2
USG	3197	G	89.9	13	0.0	55.8	39	83.2	
USG	3404	G	80.3	54	1.7	53.5	37	87.5	85.3
USG	3448	G	92.5	8	0.0	56.7	35		
USG	EXP 3228	G	97.2	3	0.7	54.0	34		
Virginia Crop Impr. Assoc.	Hilliard	G	67.4	72	1.0	60.2	38	79.2	78.8
Virginia Crop Impr. Assoc.	VA11W-108PA	G	76.0	64	0.0	55.6	37		
Virginia Crop Impr. Assoc.	VA11W-313	G	80.3	53	0.3	56.1	35		
Virginia Crop Impr. Assoc.	VA12W-31	G	77.2	62	0.0	53.5	35		
Virginia Crop Impr. Assoc.	VA12W-68	G	84.2	35	0.0	53.3	37		
Virginia Crop Impr. Assoc.	VA12W-72	G	84.3	34	0.0	50.0	37	86.5	
	Trial Mean		83.0			57.0	37		
	LSD, 10%		9.5			3.7	1		
	CV, %		8.5			4.8	3		

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

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.

Table 5. Results of the 2017 wheat variety trial at Neoga, in south central Illinois.

Company	Variety	ST <sup>1</sup>	Yield bu/ac	Yield		Ldg. <sup>2</sup> 0 to 5	Test wt. lb/bu	Height in.	2-yr avg <sup>3</sup>	3-yr avg <sup>3</sup>
				Rank 1 to 74					2016-17 bu/ac	2014,16-17 bu/ac
AgriMAXX	444	C	113.5	21	0.0	57.7	38	108.5	101.4	
AgriMAXX	446	C	115.3	16	0.3	56.7	38	106.3		
AgriMAXX	452	C	97.2	68	1.7	58.4	41	76.0		
AgriMAXX	454	C	107.4	45	0.7	57.5	40	80.8		
AgriMAXX	463	C	121.2	2	2.3	58.8	37	112.8		
AgriMAXX	464	C	106.9	49	1.7	58.7	40	85.1		
AgriMAXX	473	C	121.8	1	0.0	59.4	40			
AgriMAXX	475	C	106.9	51	1.0	57.9	38			
AgriMAXX	Exp. 1785	C	110.5	34	0.0	58.3	37			
AgriMAXX	Exp. 1786	C	112.7	22	0.0	58.0	38			
Beck's Hybrids	Beck 120	E	117.5	10	0.3	58.7	37	110.4	103.3	
Beck's Hybrids	Beck 123	E	99.9	65	1.7	59.8	42	96.1		
Beck's Hybrids	Beck 125	E	110.6	32	0.0	60.1	39	99.0	95.9	
Beck's Hybrids	Beck 128	E	107.1	47	0.0	57.9	38	76.9		
BioTown Seeds	D491W	C	106.5	53	0.7	56.3	39	86.7		
BioTown Seeds	D496W	C	108.4	43	1.3	56.5	38	102.7		
BioTown Seeds	D510W	C	115.2	18	0.7	63.0	37			
BioTown Seeds	DXW 1601	C	112.5	24	0.0	58.1	37	100.8		
Croplan	SRW 9415	C	118.7	7	0.0	59.5	37			
Croplan	SRW 9606	C	100.8	63	1.7	58.7	38			
Croplan	SS 8530	C	114.0	20	0.0	57.8	39			
Croplan	SS 8550	C	119.9	4	0.0	60.4	41			
DuPont Pioneer	Pioneer 25R61	G	112.3	25	0.0	60.0	38			
DuPont Pioneer	Pioneer 25R74	G	119.1	6	0.0	59.9	36			
DuPont Pioneer	Pioneer 25R77	G	111.3	30	0.7	58.1	37	106.5	100.3	
Dyna-Gro	9223	G	115.2	17	0.0	60.1	41	106.2	100.2	
Dyna-Gro	9522	G	118.0	8	0.0	59.7	39	113.2	105.6	
Dyna-Gro	9591	G	111.1	31	0.3	61.4	40	90.1	89.2	
Dyna-Gro	9701	G	117.6	9	0.0	57.4	39			
Dyna-Gro	9750	G	117.0	11	1.0	57.2	37			
Dyna-Gro	9772	G	111.8	29	0.0	58.2	39	89.6		
Dyna-Gro	WX17782	G	110.0	35	0.7	60.4	37			
GROWMARK	FS 604	C	81.1	72	4.0	58.3	41	66.7		
GROWMARK	FS 615	C	116.9	12	0.3	55.9	39	103.9		
GROWMARK	FS 619	C	112.6	23	1.7	57.2	41	91.9		
GROWMARK	FS 622	C	109.9	36	0.0	61.2	39	95.3	92.4	
GROWMARK	FS 624	C	96.8	69	1.3	56.2	39	93.5		
GROWMARK	WX17A	C	115.6	15	0.0	57.3	38			
GROWMARK	WX17B	C	119.2	5	0.3	58.1	38			
Hoffman Seed House	H7W15	C	103.7	59	1.3	60.9	41	91.4		
Hoffman Seed House	H7W16	C	108.5	41	0.3	57.6	36			
Hoffman Seed House	H7W17	C	103.8	58	1.3	57.9	41			
Hoffman Seed House	H7W26	C	99.6	66	1.3	61.7	39			
Hoffman Seed House	H7W27	C	106.1	54	0.3	55.5	41			
Kitchen Seed Company	KSC 416	G	101.6	61	0.0	57.6	41			
Kitchen Seed Company	KSC 417	G	104.7	56	1.7	60.1	39			
Kratz Farms LLC	16421	G	106.6	52	0.3	57.4	40			
Limagrain Cereal Seeds	L11418	C	109.1	38	1.7	58.7	39			
Limagrain Cereal Seeds	L11538	C	100.1	64	1.7	61.0	39			
Limagrain Cereal Seeds	L11550	C	85.1	71	2.7	58.7	38			
Limagrain Cereal Seeds	L11610	C	71.3	73	4.3	56.1	39			
Limagrain Cereal Seeds	L11621	C	108.0	44	3.0	57.7	39			
Miller Bros Farm and Fert.	L-304	G	70.4	74	3.7	60.6	40	72.6		
Miller Bros Farm and Fert.	L-214	G	102.6	60	0.3	58.4	40			
Pro Harvest	282		111.9	26	1.3	56.1	36	100.9		
Pro Harvest	291		108.7	40	0.7	56.7	39	81.2		
Pro Harvest	312		116.9	13	0.0	58.2	43			
Stone	21W04	C	98.8	67	0.0	59.1	39	94.4		
Stone	31W04	C	107.2	46	0.0	59.9	39	106.7		
Stone	31W16	C	108.4	42	0.0	58.8	40			
Stone	41W04	C	105.1	55	0.0	58.6	42	81.0		
Syngenta	SY 100	C	111.9	27	1.0	56.8	38			
Syngenta	SY 483	C	111.8	28	0.0	58.6	40			
Syngenta	SY 547	C	115.0	19	0.0	56.4	43	100.8		
USG	3197	G	110.6	33	1.7	59.9	42	85.5		
USG	3404	G	109.0	39	0.7	61.1	39	106.0	101.6	
USG	3448	G	120.3	3	0.3	59.0	38			
USG	EXP 3228	G	115.6	14	2.7	57.1	39			
Virginia Crop Impr. Assoc.	Hilliard	G	107.0	48	0.3	56.8	41	99.6		
Virginia Crop Impr. Assoc.	VA11W-108PA	G	101.5	62	0.0	59.5	41			
Virginia Crop Impr. Assoc.	VA11W-313	G	104.2	57	1.3	55.0	38			
Virginia Crop Impr. Assoc.	VA12W-31	G	94.6	70	2.0	57.3	38			
Virginia Crop Impr. Assoc.	VA12W-68	G	106.9	50	0.7	62.5	41			
Virginia Crop Impr. Assoc.	VA12W-72	G	109.3	37	0.0	58.2	38	102.8		
	Trial Mean		106.5			58.7	39			
	LSD, 10%		11.9			3.4	2			
	CV, %		8.3			4.3	3			

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide and S= Escalate+Fungicide.

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.



**Table 6. Results of the 2017 wheat variety trial at Perry, in western Illinois.**

<u>Company</u>	<u>Variety</u>	<u>ST</u> <sup>1</sup>	<u>Yield</u> bu/ac	<u>Yield</u>		<u>Ldg.</u> <sup>2</sup> 0 to 5	<u>Test wt.</u> lb/bu	<u>Height</u> in.	<u>2-yr avg</u>	<u>3-yr avg</u>
				<u>Rank</u> 1 to 54	<u>Rank</u> 1 to 54				<u>2015-16</u> bu/ac	<u>2014-16</u> bu/ac
AgriMAXX	413	C	121.3	10	0.0	58.2	38	121.2	118.3	
AgriMAXX	438	C	128.5	1	2.0	61.7	39	116.1	110.6	
AgriMAXX	444	C	105.6	49	1.3	54.1	39	113.9	115.2	
AgriMAXX	446	C	95.2	53	2.7	59.7	38	112.7	112.0	
AgriMAXX	452	C	116.5	21	1.7	60.8	37	98.0		
AgriMAXX	454	C	118.9	16	1.3	58.2	38	98.4		
AgriMAXX	463	C	117.4	18	0.0	55.3	37	120.9		
AgriMAXX	464	C	110.5	37	1.7	62.3	38	108.2		
AgriMAXX	475	C	112.6	30	2.3	59.0	41			
AgriMAXX	Exp. 1785	C	107.9	44	2.0	59.3	40			
AgriMAXX	Exp. 1786	C	123.0	5	0.0	60.6	39			
BioTown Seeds	D510W	C	107.5	46	0.0	56.0	40			
BioTown Seeds	DXW 1601	C	115.6	23	3.0	55.4	39	111.9		
DeRaedt Seed	DeRaedt 11	F	122.4	7	0.0	57.4	38	120.2	117.5	
DuPont Pioneer	Pioneer 25R25	G	120.9	12	2.0	56.2	39	112.7	111.1	
DuPont Pioneer	Pioneer 25R40	G	122.0	9	0.0	58.0	38	118.5	111.3	
DuPont Pioneer	Pioneer 25R61	G	115.3	25	1.0	56.1	40			
DuPont Pioneer	Pioneer 25R74	G	112.5	31	2.0	62.8	39			
DuPont Pioneer	Pioneer 25R77	G	112.1	33	1.7	55.5	40	113.1	109.0	
Dyna-Gro	9552	G	107.8	45	2.0	55.2	38	114.0	111.0	
Dyna-Gro	9692	G	104.1	51	3.0	63.8	41	89.5	93.0	
Dyna-Gro	9701	G	106.8	48	1.7	56.9	39			
Dyna-Gro	9750	G	112.1	34	2.7	53.7	39			
Dyna-Gro	9772	G	105.1	50	2.3	57.5	37	104.1		
Dyna-Gro	WX17782	G	108.6	43	2.3	56.8	38			
Equity Seed	Butler		123.4	4	0.0	55.8	38	120.1	117.1	
GROWMARK	FS 604	C	108.7	42	2.3	58.8	38	92.3	91.0	
GROWMARK	FS 615	C	119.0	15	2.0	56.8	38	106.2	107.2	
GROWMARK	FS 619	C	110.0	38	3.7	57.2	42	107.3		
GROWMARK	FS 622	C	111.2	36	2.7	58.6	39	113.4	106.8	
GROWMARK	FS 624	C	108.9	41	2.0	58.2	39	109.7	107.8	
GROWMARK	WX17A	C	114.8	26	0.7	54.4	37			
GROWMARK	WX17B	C	118.2	17	1.7	58.4	38			
Kitchen Seed Company	KSC 416	G	112.3	32	1.7	56.3	38			
Kitchen Seed Company	KSC 417	G	103.8	52	1.3	55.4	38			
Lewis Hybrids	Lewis 828	C	116.9	19	1.3	59.8	38	105.2	104.6	
Lewis Hybrids	Lewis 833	C	109.4	40	0.7	54.6	38			
Lewis Hybrids	Lewis 839	C	109.8	39	2.7	58.8	40	104.1	106.6	
Martin Seeds, Inc.	Amp16	F	120.9	13	0.7	56.5	38	119.3		
Monier Seed	MW857	F	116.6	20	1.0	57.2	41	118.7		
Pro Harvest	282	G	111.5	35	2.0	55.8	39	114.1		
Pro Harvest	291	G	114.2	27	1.0	59.2	36	92.9	95.5	
Pro Harvest	312	G	120.0	14	0.3	58.9	39			
Pro Harvest	X1201	C	106.9	47	2.7	57.1	40			
Pro Harvest	X2301	C	115.5	24	0.7	60.5	40			
Pro Seed Genetics	PRO 380		123.8	3	1.3	57.7	40			
Pro Seed Genetics	PRO 410		113.6	28	0.3	58.8	37	113.7		
Stone	21W04	C	113.6	29	0.7	56.8	38	113.4	107.3	
Stone	21W15	C	121.2	11	0.3	60.2	38	109.4	107.4	
Stone	31W04	C	122.6	6	0.0	58.7	38	111.7	109.9	
Stone	41W04	C	116.1	22	0.0	57.7	39	97.0		
Syngenta	SY 100	C	122.1	8	2.3	58.2	37	118.7		
Syngenta	SY 483	C	126.6	2	0.3	59.3	38	108.3	105.5	
Syngenta	SY 547	C	89.3	54	1.3	59.1	40	93.7	100.3	
	Trial Mean		113.9			58.0	39			
	LSD, 10%		13.4			4.9	3			
	CV, %		8.7			6.2	5			

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide.

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.

**Table 7. Results of the 2017 wheat variety trial at Urbana, in east central Illinois.**

<u>Company</u>	<u>Variety</u>	<u>ST</u> <sup>1</sup>	<u>Yield</u>			<u>Height</u>	<u>2-yr avg</u>	<u>3-yr avg</u>
			<u>Yield</u> bu/ac	<u>Rank</u> 1 to 54	<u>Test wt.</u> lb/bu		<u>2016-17</u> bu/ac	<u>2015-17</u> bu/ac
AgriMAXX	413	C	91.1	5	56.5	34	105.5	108.5
AgriMAXX	438	C	92.0	4	58.5	35	101.0	100.6
AgriMAXX	444	C	90.7	8	58.3	35	102.5	104.8
AgriMAXX	446	C	87.9	21	59.6	33	98.4	102.7
AgriMAXX	452	C	83.8	37	61.0	34	86.0	
AgriMAXX	454	C	90.4	11	59.4	33	92.2	
AgriMAXX	463	C	79.8	50	59.9	31	96.2	
AgriMAXX	464	C	90.9	6	58.1	36	93.3	
AgriMAXX	475	C	88.6	18	59.4	33		
AgriMAXX	Exp. 1785	C	85.5	28	59.5	32		
AgriMAXX	Exp. 1786	C	89.3	15	60.6	35		
BioTown Seeds	D510W	C	83.3	40	61.5	33		
BioTown Seeds	DXW 1601	C	80.7	49	61.3	33	96.2	
DeRaedt Seed	DeRaedt 11	F	89.4	13	59.4	33	97.8	103.4
DuPont Pioneer	Pioneer 25R25	G	87.8	22	58.5	34	97.4	102.1
DuPont Pioneer	Pioneer 25R40	G	83.1	42	61.6	34	98.4	103.6
DuPont Pioneer	Pioneer 25R61	G	90.7	8	59.4	34		
DuPont Pioneer	Pioneer 25R74	G	89.0	17	60.9	35		
DuPont Pioneer	Pioneer 25R77	G	83.8	36	60.5	33	97.8	98.5
Dyna-Gro	9552	G	88.3	19	60.6	33	96.0	100.1
Dyna-Gro	9692	G	83.7	39	60.0	34	86.5	92.4
Dyna-Gro	9701	G	77.6	52	61.2	36		
Dyna-Gro	9750	G	77.2	53	58.7	32		
Dyna-Gro	9772	G	89.1	16	58.4	35	92.3	
Dyna-Gro	WX17782	G	76.3	54	62.7	32		
Equity Seed	Butler	C	90.7	9	59.9	35	101.6	106.3
GROWMARK	FS 604	C	87.5	24	59.6	35	93.8	92.4
GROWMARK	FS 615	C	89.3	14	59.8	35	96.3	100.2
GROWMARK	FS 619	C	92.2	3	58.0	34	99.1	
GROWMARK	FS 622	C	85.0	30	61.6	34	96.3	99.7
GROWMARK	FS 624	C	83.8	38	61.5	37	97.1	102.4
GROWMARK	WX17A	C	84.3	34	60.9	32		
GROWMARK	WX17B	C	78.0	51	59.9	33		
Kitchen Seed Company	KSC 416	G	82.8	44	61.8	37		
Kitchen Seed Company	KSC 417	G	84.5	32	62.3	36		
Lewis Hybrids	Lewis 828	C	85.4	29	60.1	38	90.3	95.6
Lewis Hybrids	Lewis 833	C	82.2	46	60.8	34		
Lewis Hybrids	Lewis 839	C	90.0	12	59.6	33	101.1	107.2
Martin Seeds, Inc.	Amp16	F	88.1	20	60.7	32	98.7	
Monier Seed	MW857	F	81.7	47	60.8	37	99.1	
Pro Harvest	282	G	83.2	41	56.9	31	96.1	
Pro Harvest	291	G	92.8	2	57.6	35	90.3	94.9
Pro Harvest	312	g	82.8	45	60.9	34		
Pro Harvest	X1201	C	87.3	26	59.8	34		
Pro Harvest	X2301	C	85.0	31	60.3	31		
Pro Seed Genetics	PRO 380		84.5	33	63.2	36		
Pro Seed Genetics	PRO 410		87.2	27	60.6	33	92.8	
Stone	21W04	C	87.7	23	59.9	35	94.9	100.4
Stone	21W15	C	83.1	43	57.4	37	91.8	98.3
Stone	31W04	C	90.6	10	58.1	35	98.6	103.4
Stone	41W04	C	84.0	35	59.4	38	85.8	
Syngenta	SY 100	C	98.5	1	58.2	34	106.9	
Syngenta	SY 483	C	87.4	25	60.8	36	95.8	99.7
Syngenta	SY 547	C	81.0	48	59.6	37	89.3	97.5
	Trial Mean		85.4		60.0	34		
	LSD, 10%		5.7		1.6	2		
	CV, %		5.0		2.0	5		

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide.

**Table 8. Results of the 2017 wheat variety trial at Hampshire, in north central Illinois.**

<u>Company</u>	<u>Variety</u>	<u>ST</u> <sup>1</sup>	<u>Yield</u> bu/ac	<u>Yield</u>			<u>2-yr avg</u> <sup>3</sup> 2016-17 bu/ac	<u>3-yr avg</u> <sup>3</sup> 2015-17 bu/ac
				<u>Rank</u> 1 to 54	<u>Test wt.</u> lb/bu	<u>Height</u> in.		
AgriMAXX	413	C	114.7	14	54.5	37	110.8	105.6
AgriMAXX	438	C	119.4	5	56.0	40	112.2	108.9
AgriMAXX	444	C	117.9	7	57.0	40	108.7	106.5
AgriMAXX	446	C	105.0	34	56.2	38	104.3	104.6
AgriMAXX	452	C	107.3	31	57.5	42	99.5	
AgriMAXX	454	C	111.6	24	56.4	41	104.9	
AgriMAXX	463	C	106.2	32	51.8	37	103.8	
AgriMAXX	464	C	104.5	37	53.8	40	98.9	
AgriMAXX	475	C	96.8	47	56.6	37		
AgriMAXX	Exp. 1785	C	101.7	42	55.5	38		
AgriMAXX	Exp. 1786	C	117.9	8	56.3	41		
BioTown Seeds	D510W	C	88.7	54	54.3	36		
BioTown Seeds	DXW 1601	C	107.3	30	55.2	38	108.2	
DeRaedt Seed	DeRaedt 11	F	121.2	3	55.7	37	116.9	114.2
DuPont Pioneer	Pioneer 25R25	G	114.3	16	53.4	38	110.8	108.7
DuPont Pioneer	Pioneer 25R40	G	115.7	12	53.8	37	106.8	104.1
DuPont Pioneer	Pioneer 25R61	G	118.7	6	56.1	40		
DuPont Pioneer	Pioneer 25R74	G	104.0	39	57.5	36		
DuPont Pioneer	Pioneer 25R77	G	103.8	40	58.5	38	102.1	101.5
Dyna-Gro	9552	G	123.8	2	55.0	39	114.4	111.0
Dyna-Gro	9692	G	112.6	21	56.0	42	106.0	105.3
Dyna-Gro	9701	G	112.2	23	54.7	41		
Dyna-Gro	9750	G	111.4	27	54.9	37		
Dyna-Gro	9772	G	107.5	29	54.0	41	101.8	
Dyna-Gro	WX17782	G	114.5	15	58.5	38		
Equity Seed	Butler	C	114.0	17	58.6	40	106.0	108.2
GROWMARK	FS 604	C	93.9	51	53.6	39	91.8	92.8
GROWMARK	FS 615	C	120.4	4	55.0	38	111.6	108.4
GROWMARK	FS 619	C	111.4	26	54.8	40	105.7	
GROWMARK	FS 622	C	89.6	53	56.1	38	92.4	93.5
GROWMARK	FS 624	C	104.6	36	55.5	40	106.1	104.5
GROWMARK	WX17A	C	96.4	49	54.9	37		
GROWMARK	WX17B	C	93.5	52	51.9	36		
Kitchen Seed Company	KSC 416	G	113.4	19	55.8	41		
Kitchen Seed Company	KSC 417	G	111.5	25	54.9	41		
Lewis Hybrids	Lewis 828	C	100.5	43	55.1	41	93.8	94.6
Lewis Hybrids	Lewis 833	C	105.1	33	54.5	41		
Lewis Hybrids	Lewis 839	C	99.5	45	55.3	37	97.0	102.3
Martin Seeds, Inc.	Amp16	F	104.5	38	54.5	38	103.0	
Monier Seed	MW857	F	116.1	11	51.0	43	103.9	
Pro Harvest	282	G	96.5	48	53.3	36	96.8	
Pro Harvest	291	G	112.5	22	57.2	40	104.8	105.3
Pro Harvest	312	G	109.9	28	55.5	39		
Pro Harvest	X1201	C	99.7	44	58.5	37		
Pro Harvest	X2301	C	94.8	50	53.6	37		
Pro Seed Genetics	PRO 380		97.8	46	62.3	41		
Pro Seed Genetics	PRO 410		104.9	35	56.9	40	103.9	
Stone	21W04	C	117.3	10	57.0	41	105.3	103.4
Stone	21W15	C	113.2	20	56.1	42	106.5	104.2
Stone	31W04	C	114.9	13	57.8	39	105.2	104.5
Stone	41W04	C	103.5	41	52.5	43	92.8	
Syngenta	SY 100	C	117.6	9	55.4	36	114.2	
Syngenta	SY 483	C	126.5	1	53.6	41	114.8	110.0
Syngenta	SY 547	C	113.7	18	53.8	43	105.2	104.6
	Trial Mean		106.2		55.7	39		
	LSD, 10%		12.0		3.6	2		
	CV, %		8.3		4.7	4		

<sup>1</sup>ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide.

<sup>3</sup>Multi-year averages include means from the DeKalb location for 2015-16.

**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>Stand-ability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Septoria</u>	
AgriMAXX	413	V	E	B	E	S	E	S	MR	MR	
	438	V	ML	S	E	MT	VG	S	I	I	
	444	V	M	B	E	MT	VG	S	I	I	
	446	V	M	B	VG	MS	E	R	MR	MR	
	452	V	E	S	E	M	E	S	I	I	
	454	V	M	B	E	M	E	S	I	MR	
	463	V	E	S	E	M	E	S	MR	MR	
	464	V	M	B	VG	MT	VG	S	MR	MR	
	473	V	E	B	VG	M	E	S	MR	MR	
	475	V	M	B	VG	M	E	S	I	I	
	Exp. 1785	V	M	S	E	M	E	R	I	MR	
	Exp. 1786	V	ML	B	VG	M	VG	R	I	MR	
	Beck's Hybrids	120	V	E	B	VG	S	VG	S	MS	MS
		123	V	ME	B	VG	T	VG	S	MR	MR
125		V	M	B	VG	M	E	S	I	I	
128		V	L	B	VG	M	VG	S	R	I	
BioTown Seeds	D496W	V	E	S	VG	M	VG	MS	R		
	D491W	V	ME	B	VG	S	VG	I	I		
	DXW1601	V	M	B	VG	MS	VG	I	I		
	DW510W	V	ML	S	VG	M	VG	R	I		
Croplan	SRW 9606	V	M	B	E	M	E	R	MR	MR	
	SRW 9415	V	M	B	E	M	E	R	MR	MR	
	SS 8530	V	ME	B	E	M	G	R	MR	MR	
	SS 8550	V	M	B	E	MT	VG	R	MR	MR	
DeRaedt Seed	11	V	ME	B	E	MT	E	S	I	MR	
DuPont Pioneer	25R25	V	L	B	E	M	VG	S	I	MR	
	25R40	V	ML	B	G	S	E	S	I	MR	
	25R61	V	M	B	VG	M	E	S	MR	I	
	25R74	V	E	B	VG	S	VG	R	I	I	
	25R77	V	E	B	VG	S	E	R	MS	MS	
Dyna-Gro Seed	9223	V	ML	S	E	T	VG	S	MR	MR	
	9522	V	ML	B	VG	M	G	S	R	MR	
	9552	V	M	B	VG	M	E	R	MS	MS	
	9591	V	ME	B	E	M	VG	S	MR	MR	
	9692	V	M	B	E	M	E	S	MS	MS	
	9701	V	ME	B	VG	T	VG	R	MR	MR	
	9750	V	E	S	E	S	E	?	R	R	
	9772	V	M	B	VG	M	VG	S	R	MR	
	WX17782	V	M	S	E	M	VG	R	R	MR	
Equity	Butler	V	MED	T	EX	M	EX	N/A	EX	EX	
Growmark	FS 604	V	ME	S	E	S	E	S	MR	MR	
	FS 615	V	M	B	E	M	E	S	MS	MR	
	FS 619	V	M	B	E	M	VG	S	MS	MR	
	FS 622	V	M	B	E	M	E	S	MR	MR	
	FS 624	V	M	S	VG	M	E	MR	MS	I	
	WX17A	V	ME	B	E	MS	E	S	MR	MR	
	WX17B	V	E	S	E	MS	E	S	MR	MR	
Hoffman Seed House	H7W15	V	E	B	G	MT	E		VG		
	H7W16	V	E	S	VG	MT	E		VG		
	H7W17	V	E	T	E	MT	E		E		
	H7W26	V	M	B	E	M	E		E		
	H7W27	V	L	T		M	VG		VG		
Kitchen Seed	KSC 416	V	ME	S	VG	M	VG	R	E	VG	
	KSC 417	V	M	B	VG	M	VG	R	E	E	
Kratz Farms LLC	KF16421	V	M	T	VG	M	VG	I	MR	I	
Lewis Hybrids	Lewis 828	V	ME	S	E	M	E		MR	I	
	Lewis 833	V	ME	S	E	M	VG				
	Lewis 839	V	M	S	E	M	VG		MR	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>Stand-ability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Sept-oria</u>
Limagrain Cereal Seeds	L11418	V	M	T	VG	M	VG	I	MR	I
	L11610	V	M	S	VG	M	VG	S	MR	I
	L11621	V	M	S	VG	M	VG	S	MR	I
	L11550	V	M	B	VG	S	E	I	MR	I
	L11538	V	M	B	VG	S	VG	I	MR	I
Martin Seeds	Amp16	V	ME	S	VG	M	E	I	MR	MR
Miller Bros. Seed & Fertilizer	L-214	V	ME	T	VG	M	VG		S	I
	L-304	V	M	S	E	M	E		S	S
Pro Harvest Seeds Inc.	291	V	ME	B	E	M	E	S	I	MR
	282	V	E	S	VG	M	E	S	MR	MR
	312	V	ME	B	E	M	VG	S	MR	MR
	X2301	V	M	S	E	M	E	R	MS	MR
	X1201	V	ME	B	E	S	E	MR	MR	MR
Pro Seed Genetics	PRO 380	V		S		M	E			
	PRO 410	V	M	T		M			R	I
Stone Seed Group	21W04	V	ME	S	E	MT	E	MR	I	MR
	21W15	V	ME	S	E	M	E	MR	MR	MR
	31W04	V	M	S	E	M	E	MR	MR	MR
	41W04	V	ML	S	E	MT	E	I	R	MR
	31W16	V	M	S	E	M	E	-	R	I
Syngenta	SY 483	V	ML	S	VG	M	G	S	MS	MS
	SY 547	V	ME	S	VG	M	VG	MR	MR	MR
	SY 100	V	M	S	E	S	VG	S	S	MS
UniSouth Genetics	USG 3197	V	M	B	G	M	E	S	MR	R
	USG 3404	V	ML	B	E	M	E	S	R	R
	USG 3448	V	ME	B	E	MS	E	R	I	MR
	USG EXP 3228	V	E	S	E	MS	E	S	MR	MR
Virginia Tech	Hilliard	V	ME	B	G	M	VG	I	R	R
	VA11W-108PA	V	ME	B	G	M	VG	I	R	R
	VA12W-72	V	ME	B	G	M	VG	R	R	I
	VA11W-313	V	E	B	F	S	F	I	R	MS
	VA12W-68	V	ME	B	G	M	G	R	R	I
	VA12W-31	V	ML	B	G	M	G	MS	R	I

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

Due to very low incidences of scab (*Fusarium head blight*) in the scab evaluation nursery in 2017 no data on scab resistance are available. The table below is 2016 scab evaluations. Entries new in 2017 are not included.

## 2016 University of Illinois Winter Wheat Variety Trial

### Scab Resistance Evaluation \*

Frederic L. Kolb and Allison Krill Brown, University of Illinois, Crop Sciences

Company	Entry Name	Scab Resistance Rating (0-9)	Company	Entry Name	Scab Resistance Rating (0-9)
AgriMAXX	AgriMAXX 413	5.8	Kratz Farms LLC	Kratz 15188	6.1
AgriMAXX	AgriMAXX 415	6.5	Kratz Farms LLC	Kratz 15241	4.0
AgriMAXX	AgriMAXX 438	7.4	Kratz Farms LLC	Kratz 15314	5.7
AgriMAXX	AgriMAXX 444	5.3	Kratz Farms LLC	Kratz 15421	5.1
AgriMAXX	AgriMAXX 446	7.9	Lewis Hybrids	Lewis 828	4.9
AgriMAXX	AgriMAXX 452	4.2	Lewis Hybrids	Lewis 839	6.6
AgriMAXX	AgriMAXX 454	4.7	Lewis Hybrids	Lewis 851	2.9
AgriMAXX	AgriMAXX 463	2.7	Limagrain Cereal Seeds	LCS L 11541	3.2
AgriMAXX	AgriMAXX 464	3.0	Limagrain Cereal Seeds	LCS L 11528	4.4
AgriMAXX	AgriMAXX 490	5.4	Martin Seeds, Inc.	Amp16	2.8
AgriMAXX	AgriMAXX Exp. 1670	3.3	Martin Seeds, Inc.	M16	4.1
Beck's Hybrids	Beck 120	8.1	Monier Seed	MW844	3.4
Beck's Hybrids	Beck 123	5.0	Monier Seed	MW857	5.1
Beck's Hybrids	Beck 125	4.9	Pro Harvest	Pro Harvest 282	1.8
Beck's Hybrids	Beck 128	3.8	Pro Harvest	Pro Harvest 291	4.5
BioTown Seeds	D491W	3.3	Pro Harvest	Pro Harvest 295	7.2
BioTown Seeds	D496W	2.9	Pro Harvest	Pro Harvest 303	4.0
BioTown Seeds	DXW1502	5.4	Pro Harvest	Pro Harvest X9001	3.8
BioTown Seeds	DXW1601	3.9	Pro Seed Genetics	PRO 200	3.7
DuPont Pioneer	Pioneer 25R25	4.3	Pro Seed Genetics	PRO 240	6.4
DuPont Pioneer	Pioneer 25R40	6.9	Pro Seed Genetics	PRO 260	7.1
DuPont Pioneer	Pioneer 25R46	3.8	Pro Seed Genetics	PRO 320A	4.6
DuPont Pioneer	Pioneer 25R50	3.8	Pro Seed Genetics	PRO 410	6.6
DuPont Pioneer	Pioneer 25R77	6.5	Pro Seed Genetics	PRO 420	7.5
Dyna-Gro	Dyna-Gro 9223	7.0	Sedlacek	SEDS BLEND	6.9
Dyna-Gro	Dyna-Gro 9441	5.8	Stone	Stone 21W04	7.3
Dyna-Gro	Dyna-Gro 9522	6.3	Stone	Stone 21W15	6.9
Dyna-Gro	Dyna-Gro 9552	5.8	Stone	Stone 31W04	7.6
Dyna-Gro	Dyna-Gro 9591	4.5	Stone	Stone 41W04	3.2
Dyna-Gro	Dyna-Gro 9692	4.3	Sunstar Hybrids	S-1200	5.5
Dyna-Gro	Dyna-Gro 9772	3.0	Sunstar Hybrids	S-2000	7.6
Dyna-Gro	Dyna-Gro WX16771	2.7	Sunstar Hybrids	S-2500	5.0
Equity Seed	Butler	5.2	Syngenta	SY 007	7.0
Equity Seed	Defender	5.4	Syngenta	SY 100	6.1
GROWMARK	FS 602	7.4	Syngenta	SY 483	5.3
GROWMARK	FS 604	3.7	Syngenta	SY 547	5.2
GROWMARK	FS 615	n/a	USG	USG 3197	3.2
GROWMARK	FS 619	2.9	USG	USG 3316	5.3
GROWMARK	FS 622	6.4	USG	USG 3895	8.6
GROWMARK	FS 624	5.2	USG	USG3404	5.6
GROWMARK	FS 625	5.1	Virginia Crop Impr. Assoc.	Hilliard	5.0
Hoffman Seed House	H7W15	4.0	Virginia Crop Impr. Assoc.	VA11W-106	5.7
Hoffman Seed House	H7W25	3.6	Virginia Crop Impr. Assoc.	VA12W-72	6.0
Hoffman Seed House	L 247	3.7	Susceptable Check	Pio 25R47	7.2
Hoffman Seed House	L 304	4.0	Moderate Res. Check	Kaskaskia	4.1
Hoffman Seed House	L-Brand 168	2.8	Resistant check	IL07-4415	2.2
Hoffman Seed House	L-Brand 182	3.9	<b>Test Average</b>		<b>5.0</b>
Kratz Farms LLC	Kratz 15144	4.7	<b>LSD (0.05)</b>		<b>2.6</b>

**Lower numbers = greater resistance**

\*The test nursery was inoculated and mist irrigated. Three replications were evaluated.

Scab resistance rating is an index calculated from incidence, severity and kernel quality. Ratings are standardized to a 5.0 mean.



