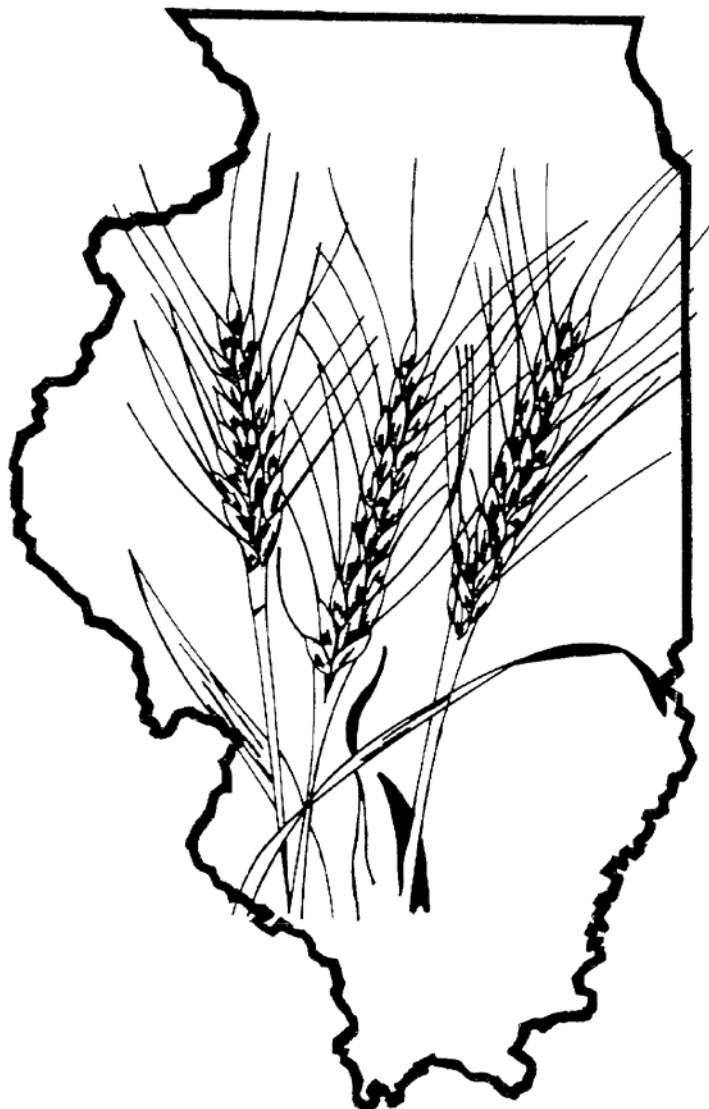


WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2011



**Crop Sciences Special Report 2011-01
Department of Crop Sciences
University of Illinois
July 2011**

WHEAT PERFORMANCE IN ILLINOIS TRIALS - 2011

Crop Sciences Special Report 2011-01, July 2011

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The 2011 wheat season in Illinois was much better than the 2010 season, with good (but not record) yields and very good grain quality. Planted acres rebounded nicely in 2011, going from 330,000 acres in 2010 to 760,000 acres in 2011. Yields in 2011 were higher than those in 2010 in every crop reporting district except the southeast, and ranged from 76 bushels in the northeast to 50 bushels in the southeast. The preliminary state yield estimate for 2011 is 61 bushels per acre, up from only 56 bushels in 2010. The 2011 yield is about 1.5 bushels more than the average of the previous decade, and has been exceeded in Illinois only three times; the highest state yield to date is 67 bushels, in 2006.

The dry fall in 2010 allowed early harvest of the summer crops and the wheat crop to be planted on time, but soils were dry enough to slow emergence in some areas, resulting in late and uneven emergence in some fields. The winter was favorable for keeping wheat alive, with very few periods of warm weather that made the crop break dormancy before returning to cold. Greenup and early growth in the spring were typical, but wet and cool weather beginning in April and lasting into May provided less than excellent growing conditions. May weather warmed eventually, and heading/flowering occurred close to its normal time. Rainfall was abundant in May, but fortunately there was a period of dry weather when much of the crop was flowering, and Fusarium head scab did not develop to become a large problem in most areas in 2011. The weather turned hot in early June, and harvest was delayed some by rainfall in mid-June. Test weights were generally high, and doublecrop soybeans generally got off to a good start.

The 2011 wheat variety trials were planted on time, under reasonably good planting conditions. Dry soils affected the crop to some extent, and tillering was not as extensive by spring 2011 as would have been ideal. Heavy rain and storms before harvest knocked some grain out of the heads at Brownstown and at the Orr Center, and reduced yield at both locations, perhaps more in early compared to later varieties. But all data were usable, and yields were good at all locations.

Plots in these trials were seeded at the rate of 36 seeds per square foot, and consisted of six, 7.5-inch rows trimmed to about 17 feet long before harvest. There were three replications. Yields were corrected to 13.5% moisture. The final table of the report includes Fusarium head scab ratings from Dr. Fred Kolb's misted, inoculated scab trial at Urbana. Seed companies were allowed to include entries treated with seed-applied insecticide, with the insecticide treatment identified by product name. We also entered both treated and untreated seed of several varieties at each location as a test of yield response to this input. Averages from those comparisons were used to generate the statement at the bottom of each table.

<u>Location</u>	<u>Cooperators</u>	<u>Soil type</u>	<u>Planted</u>	<u>N fertilizer</u>	<u>Harvest</u>
Dixon Springs	Steve Ebelhar Carl Hart, Jr.	Grantsburg silt loam	Oct. 12	30 Fall 120 Spring	June 16
Belleville	Ron Krausz	Ebbert silt loam	Oct. 12	30 Fall 85 Spring	June 24
Brownstown	Lindell Deal	Cisne silt loam	Oct. 5	30 Fall 90 Spring	June 24
Orr Center	Mike Vose	Clarksdale silt loam	Oct. 3	45 Fall 80 Spring	June 29
Urbana	Bob Dunker Mike Kleiss	Flanagan silt loam	Oct. 1	40 Fall 40 Spring	June 28
DeKalb	Lyle Paul Dave Lindgren	Drummer silty clay loam	Sept. 27	30 Fall 40 Spring	July 14

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 2011.

AgriMAXX Wheat Co
7167 Highbanks Rd
Mascoutah, IL 62258
618-566-7022

Excel Brand Seed
PO Box 320
Camp Point, IL 62320
(800) 593-7708

Monier Seed + Service
846 Yankee Lane
Sparland, IL 61565
(309) 469-2511

Agrinetics, Inc.
8664 Howison
Hinkley, IL 60520
(630) 417-4265

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

MWS Seeds, LLC
2737 N 700 E Rd
Ashkum, IL 60911
(815) 698-2204

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

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

Pioneer Hi-Bred International
421 Detroit Drive
Bloomington, IL 61704
(800) 950-3489

BioTown Seeds
373N Diener Rd
Reynolds, IN 47980
(219) 984-5247

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

Brownstown Ag Center
622 S Brownstown Rd
Brownstown, IL 62418
(618) 427-3242

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

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

Cappel Certified Seed
12629 HWY 38 W
Rochelle, IL 61068
(815) 562-8978

John Sedlacek
633 Cedar Road
St Jacob, IL 62281
(618) 644-4789

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

Delta Grow Seed
220 NW 2nd
England, AR 72046
(800) 530-7933

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

Synergy Seeds, Inc.
PO Box 508
Herscher, IL 60941
(815) 426-9885

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
520 E 1050 S
Brookston, IN 47923
(765) 563-3111

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

Miles Seed
PO Box 22879
Owensboro, KY 42304
(270) 926-2420

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

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

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

Table 1. Southern Illinois regional wheat variety trial results, 2011

Company	Variety	ST ¹	Regional Average				Dixon Springs		Belleville		Brownstown	
			Yield bu/ac	Yield Rank 1 to 72	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	412	C	75.7	28	58.7	36	79.7	58.9	72.5	58.6	74.8	58.6
AgriMAXX	413	C	81.4	9	55.9	34	78.5	55.5	77.7	56.4	87.9	55.9
AgriMAXX	415	C	74.9	32	59.1	35	67.4	60.1	76.5	58.9	80.7	58.3
AgriMAXX	490	C	69.1	60	58.6	35	65.9	59.0	67.5	58.1	74.0	58.7
Agrinetics	EXCEL 234	F	70.6	53	58.6	39	66.2	58.7	69.9	58.9	75.7	58.1
Beck's Hybrids	Beck 113	S	78.9	12	58.0	36	78.1	58.4	76.6	58.4	82.2	57.2
Beck's Hybrids	Beck 126	S	76.6	24	56.9	40	69.2	57.4	79.6	57.1	81.0	56.1
Beck's Hybrids	Beck 135	S	82.0	7	57.3	38	81.2	58.0	84.5	58.0	80.3	55.9
Beck's Hybrids	Beck 87	S	68.6	61	59.4	37	68.1	60.2	71.0	58.8	66.8	59.2
BioTown Seeds	Diener 487W	F	71.2	50	59.1	37	69.4	59.8	73.8	58.9	70.5	58.6
BioTown Seeds	Diener 492W	F	81.0	10	56.2	34	76.3	56.9	78.6	55.8	88.3	55.7
BioTown Seeds	Diener XW 2	F	72.4	45	57.9	38	70.4	58.9	71.1	58.0	75.6	56.7
BioTown Seeds	Diener XW 3	F	77.0	22	58.7	35	81.9	58.0	74.4	58.7	74.8	59.2
Brownstown Ag Center	EXCEL 163	N	68.5	62	59.1	36	68.3	59.6	65.1	58.9	72.1	58.9
Brownstown Ag Center	EXCEL 170	N	71.8	47	58.0	35	66.1	57.8	74.4	59.1	74.9	57.1
Delta Grow Seed	DG 7500	F	85.0	2	55.6	34	77.4	54.2	85.5	56.8	92.0	55.8
Delta Grow Seed	DG 7900	F	77.8	16	59.0	36	80.2	60.1	71.0	58.4	82.1	58.7
Direct Enterprises	DW Exp 102	M	73.7	37	57.8	40	66.1	57.6	76.2	58.5	78.9	57.2
Direct Enterprises	Quest	M	71.5	48	54.6	37	75.0	55.4	64.8	55.1	74.6	53.4
Direct Enterprises	Sienna	M	78.4	14	56.9	39	79.6	57.5	75.5	57.0	80.0	56.3
Dyna-Gro	9012	F	70.5	55	58.5	36	70.3	59.2	68.1	58.4	73.2	58.0
Dyna-Gro	9031	F	71.3	49	59.3	38	56.5	58.4	78.6	59.7	78.8	59.8
Dyna-Gro	9053	F	75.5	29	55.2	36	75.2	55.9	82.8	55.9	68.4	53.7
Dyna-Gro	9171	F	81.6	8	55.5	34	81.8	55.2	77.3	55.9	85.7	55.3
Excel Brands	EXCEL 166	M	77.6	18	58.1	38	71.3	56.8	76.3	59.0	85.2	58.5
Excel Brands	EXCEL 341	M	63.5	70	55.3	39	67.7	54.9	61.6	57.0	61.3	54.0
Excel Brands	EXCEL 382	M	67.3	65	58.2	37	66.1	59.3	67.3	58.2	68.7	57.0
Excel Brands	EXCEL 442	N	72.9	41	56.1	40	67.9	56.2	77.2	56.8	73.7	55.2
Exsegen	Dinah	F	70.1	58	59.0	37	69.4	59.6	65.6	58.6	75.1	58.9
Exsegen	Elisabeth	F	76.3	26	55.8	34	69.8	54.8	74.2	56.6	84.8	55.9
Exsegen	Phebe	F	70.1	56	56.5	37	61.8	55.8	73.0	57.8	75.4	55.8
GROWMARK	FS 600	C	64.2	68	57.5	35	64.0	57.8	59.9	58.1	68.8	56.7
GROWMARK	FS 602	C	83.2	6	56.1	33	82.9	56.6	77.6	56.1	89.1	55.6
GROWMARK	FS 610	C	78.6	13	59.8	37	66.4	59.2	84.1	60.3	85.2	59.8
GROWMARK	FS 620	C	73.5	38	58.9	38	70.1	58.1	72.7	60.0	77.9	58.5
GROWMARK	FS 622	C	74.8	33	58.2	35	71.1	57.4	76.5	58.9	76.7	58.3
GROWMARK	FS 628	C	75.0	31	56.9	39	70.7	56.9	75.4	57.4	78.8	56.3
GROWMARK	FS 630	C	77.1	21	58.1	39	79.4	59.1	77.8	58.0	74.1	57.2
Hartke Seed	EXCEL 173	N	85.3	1	58.5	39	83.8	59.1	82.3	58.2	89.7	58.2
Hoffman Seed House	EXCEL 168	M	72.6	42	59.9	38	70.4	60.4	68.4	59.3	79.1	60.1
Hoffman Seed House	EXCEL 180	C	69.7	59	59.8	37	55.2	58.9	74.0	60.4	79.8	59.9
Hoffman Seed House	EXCEL 209	C	70.6	52	57.6	36	70.1	57.5	68.9	58.1	72.8	57.3
John Sedlacek	Sed's Blend	F	64.8	67	57.8	37	68.4	58.1	60.1	57.5	66.0	57.8
Kitchen Seed Company	KSC 408W	F	72.6	43	56.6	41	73.7	56.9	72.7	57.2	71.4	55.5
Kitchen Seed Company	KSC 409W	F	72.5	44	59.7	38	65.1	59.5	72.6	59.8	79.7	59.7
Kitchen Seed Company	KSC 410W	F	65.7	66	58.6	37	56.0	58.5	66.5	58.8	74.7	58.5
Lewis Hybrids	Lewis 835	G	71.9	46	59.0	38	68.1	58.1	70.5	59.6	77.0	59.4
Lewis Hybrids	Lewis 842	G	70.6	54	58.2	39	61.2	58.6	72.8	58.3	77.7	57.8
Miller Bros. Farm & Fertilizer	EXCEL 242	M	77.3	20	58.3	37	71.9	58.9	78.7	58.6	81.2	57.4
MWS Seeds LLC	MWS 207	F	70.1	57	59.4	37	61.0	58.9	72.6	59.7	76.6	59.7
MWS Seeds LLC	MWS 252	F	68.1	64	58.0	38	62.5	57.4	67.7	58.6	74.0	58.2
MWS Seeds LLC	MWS 363	F	74.1	35	56.1	41	78.2	56.9	76.5	56.9	67.7	54.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	77.8	17	56.5	37	78.0	56.1	74.9	57.0	80.4	56.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	76.7	23	56.3	36	77.3	57.2	76.1	57.3	76.6	54.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	80.1	11	57.3	35	82.6	57.5	82.1	58.1	75.5	56.1
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	83.7	5	56.1	36	77.8	55.4	90.2	57.4	83.2	55.6
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	84.8	3	55.2	35	78.6	56.2	89.7	55.1	86.3	54.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	76.4	25	58.2	36	70.3	57.6	79.9	58.4	79.1	58.5
Steyer Seeds	Crestline	G	75.2	30	59.2	35	78.8	59.9	70.6	58.8	76.3	58.9
Steyer Seeds	Kidwell	G	77.9	15	56.0	34	73.5	56.8	77.3	56.0	83.0	55.2
Sunstar Hybrids	S-1200	F	84.3	4	55.8	34	81.7	55.2	84.5	56.5	86.6	55.9
Sunstar Hybrids	S-900	F	73.5	39	57.6	34	73.5	57.5	69.8	56.6	77.1	58.6
Syngenta	OAKES	F	74.1	36	58.8	37	72.6	59.0	70.1	59.1	79.6	58.3
Syngenta	OAKES Cruiser	C	77.3	19	58.3	38	70.5	57.0	83.3	59.6	78.2	58.2
Syngenta	SY 1526	F	64.1	69	56.7	36	61.0	56.4	61.9	56.5	69.4	57.2
Syngenta	SY 1526 Cruiser	C	74.2	34	57.6	36	69.4	57.5	77.6	58.0	75.6	57.2
Syngenta	W1104	F	73.4	40	56.5	37	71.6	57.2	77.7	56.9	70.8	55.4
Syngenta	W1104 Cruiser	C	76.2	27	56.3	37	84.1	57.3	75.8	56.3	68.7	55.2
Syngenta	W1566	F	60.5	72	54.6	40	62.9	54.1	64.4	55.6	54.2	54.0
Syngenta	W1566 Cruiser	C	68.2	63	54.9	40	71.1	54.4	71.9	56.0	61.6	54.2
Virginia Crop Impr. Assoc.	Jamestown	F	71.2	51	59.9	34	64.8	60.1	76.4	59.8	72.4	59.7
Virginia Crop Impr. Assoc.	Merl	F	63.2	71	56.8	36	65.2	56.2	67.2	56.9	57.1	57.3
	Trial Mean		74.1		57.6	37	71.3	57.7	74.3	58.0	76.6	57.2
	LSD, 10%		6.6		1.0	1	7.5	1.8	7.9	0.8	7.4	0.9
	CV, %		11.8		2.2	5	7.8	2.4	7.8	1.1	7.1	1.2

Averaged over Four varieties in the Southern Region, treatment insecticide (Cruiser) increased yield by 6.0 bushels/acre.

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

Table 2. Northern Illinois regional wheat variety trial results, 2011

Company	Variety	ST ¹	Regional Average				Perry		Urbana		DeKalb	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 64	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu	bu/ac	lb/bu
Agrinetics	EXCEL 180	F	82.5	33	59.8	39	74.0	58.4	91.6	62.0	81.8	58.9
Agrinetics	EXCEL 442	F	78.5	50	56.6	41	66.3	54.3	81.0	58.2	88.1	57.3
Beck's Hybrids	Beck 113	S	91.5	3	58.9	37	83.6	57.4	94.3	60.8	96.5	58.6
Beck's Hybrids	Beck 126	S	88.8	10	57.7	40	74.9	56.7	99.2	59.4	92.4	57.0
Beck's Hybrids	Beck 135	S	91.2	4	57.8	38	84.7	56.7	100.6	59.8	88.4	56.7
BioTown Seeds	Diener 492W	F	83.2	28	54.2	36	70.3	51.4	92.8	56.9	86.7	54.2
BioTown Seeds	Diener 508W	F	80.3	42	56.8	42	58.7	55.1	93.5	58.5	88.7	56.9
BioTown Seeds	Diener XW 4	F	89.3	9	56.3	41	76.7	54.3	96.1	58.0	95.1	56.4
Cappel Certified Seed	EXCEL 209	N	79.4	45	57.4	39	64.5	55.7	87.7	59.7	86.1	56.9
Cappel Certified Seed	EXCEL 242	M	90.3	6	58.5	40	83.5	57.4	94.9	59.9	92.6	58.1
DeRaedt Seed	DeRaedt 11	F	83.0	30	54.4	37	73.2	51.6	92.8	57.4	83.1	54.2
Direct Enterprises	DW Exp 102	M	86.0	14	58.0	40	74.7	56.2	97.5	59.5	85.8	58.3
Direct Enterprises	Quest	M	78.6	49	55.3	38	64.4	53.8	86.9	56.4	84.6	55.6
Direct Enterprises	Sienna	M	92.8	2	56.6	41	82.0	54.8	98.4	58.4	98.0	56.5
Dyna-Gro	9031	F	78.4	52	60.0	40	67.8	59.3	86.6	61.7	80.8	58.9
Dyna-Gro	9053	F	80.7	41	54.0	37	70.2	51.6	94.9	57.5	76.9	52.9
Dyna-Gro	9911	F	73.4	61	58.2	37	62.2	56.1	72.7	60.7	85.2	57.9
Excel Brands	EXCEL 166	M	81.3	38	58.0	40	78.7	56.3	85.4	59.6	79.8	58.0
Excel Brands	EXCEL 168	M	79.7	44	60.8	40	74.9	59.9	86.9	62.8	77.3	59.7
Excel Brands	EXCEL 382	M	74.7	59	58.4	39	63.2	56.8	82.4	60.4	78.5	57.9
Green Valley Seed	Willcross 750	F	73.0	63	58.7	38	61.3	58.6	75.0	60.0	82.8	57.6
Green Valley Seed	Willcross 752	F	83.7	25	58.7	36	72.7	58.0	89.1	60.3	89.2	57.9
Green Valley Seed	Willcross EXP	F	76.2	56	58.2	37	61.0	55.8	82.2	61.2	85.3	57.5
GROWMARK	FS 610	C	83.7	24	59.3	39	75.6	57.7	90.0	61.4	85.6	58.9
GROWMARK	FS 620	C	86.0	15	59.9	38	75.7	59.5	90.4	61.1	91.9	59.0
GROWMARK	FS 622	C	85.6	18	59.1	37	73.0	58.7	95.3	60.4	88.4	58.2
GROWMARK	FS 628	C	82.3	34	57.2	42	70.2	55.7	87.2	59.2	89.5	56.6
GROWMARK	FS 630	C	83.1	29	57.3	41	76.1	55.6	85.7	59.7	87.6	56.6
Kitchen Seed Company	KSC 408W	F	80.0	43	56.7	42	64.1	54.4	84.7	57.9	91.1	57.7
Kitchen Seed Company	KSC 409W	F	79.1	48	58.9	39	68.3	57.1	84.6	60.4	84.3	59.2
Kitchen Seed Company	KSC 410W	F	73.1	62	60.2	39	59.2	59.2	82.2	62.2	78.0	59.1
Lewis Hybrids	Lewis 835	G	79.3	46	59.3	38	72.2	57.4	82.1	61.1	83.7	59.6
Lewis Hybrids	Lewis 842	G	83.4	27	58.7	39	72.1	58.8	96.9	59.8	81.3	57.5
Monier Seed	MW 846	F	81.5	37	59.1	39	71.4	56.9	87.1	61.5	86.1	58.7
Monier Seed	MW 859	F	79.2	47	56.9	41	58.6	55.1	88.8	58.3	90.3	57.2
Monier Seed	MW 865	F	74.0	60	56.8	40	62.9	55.9	75.3	57.4	83.6	57.2
MWS Seeds LLC	MWS 207	F	78.5	51	59.4	39	69.3	57.5	86.3	61.7	79.8	58.9
MWS Seeds LLC	MWS 252	F	77.0	54	59.2	40	66.0	58.5	85.2	60.6	80.0	58.5
MWS Seeds LLC	MWS 363	F	76.9	55	56.8	42	59.4	55.2	87.9	57.8	83.5	57.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	85.4	20	57.7	38	77.0	58.3	91.1	59.0	88.1	55.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	89.4	8	56.7	37	71.7	54.6	94.0	58.8	102.6	56.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	88.4	12	57.4	34	79.3	56.3	92.0	59.1	93.8	56.9
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	90.1	7	56.0	37	84.9	53.6	92.0	58.5	93.5	55.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	83.5	26	54.1	36	72.7	50.7	99.1	57.1	78.8	54.6
Pro Seed Genetics	PRO 200	M	84.3	23	58.3	41	82.1	56.1	88.4	60.2	82.4	58.6
Pro Seed Genetics	PRO 220	M	80.9	39	59.9	41	71.0	57.6	86.5	62.3	85.1	59.8
Pro Seed Genetics	PRO 240	M	82.2	35	57.8	42	68.1	58.1	91.7	58.2	86.7	57.0
Pro Seed Genetics	PRO 320A	M	86.7	13	57.7	41	77.3	57.0	90.5	58.0	92.4	58.1
Pro Seed Genetics	PRO Ex260		91.0	5	57.7	40	81.9	56.8	87.1	58.9	103.8	57.4
Pro Seed Genetics	PRO Ex360A	C	84.6	22	57.4	37	69.5	54.2	95.2	59.9	89.1	58.2
Steyer Seeds	Crestline	G	76.1	58	58.8	38	60.1	57.2	79.5	60.8	88.7	58.2
Steyer Seeds	Kidwell	G	85.5	19	54.6	35	70.3	51.9	93.8	56.7	92.5	55.1
Sunstar Hybrids	S-1200	F	85.3	21	55.1	35	77.0	54.5	92.9	56.9	86.0	53.8
Sunstar Hybrids	S-900	F	81.7	36	59.3	37	70.8	57.6	82.7	61.9	91.5	58.5
Synergy Seeds	EXCEL 341	M	73.0	64	56.3	39	57.2	54.6	81.7	57.1	80.0	57.1
Synergy Seeds	EXCEL 442	N	85.8	17	56.4	41	64.9	53.5	97.1	58.5	95.5	57.3
Syngenta	OAKES	F	83.0	31	58.9	37	72.1	56.7	86.2	61.1	90.6	59.0
Syngenta	OAKES Cruiser	C	82.6	32	59.1	38	68.5	57.0	89.1	61.1	90.2	59.1
Syngenta	SY 1526	F	77.2	53	57.5	40	68.7	56.0	88.3	58.9	74.7	57.7
Syngenta	SY 1526 Cruiser	C	88.6	11	58.0	39	75.6	56.6	95.2	60.1	95.0	57.4
Syngenta	W1104	F	85.9	16	55.7	39	75.1	54.1	95.3	57.3	87.3	55.7
Syngenta	W1104 Cruiser	C	96.0	1	56.8	37	86.5	56.4	103.6	58.2	97.7	55.7
Syngenta	W1566	F	76.2	57	55.6	41	55.4	54.1	87.1	57.1	86.0	55.6
Syngenta	W1566 Cruiser	C	80.8	40	55.2	41	62.2	53.1	91.0	57.0	89.2	55.5
	Trial Mean		82.5		57.7	39	71.1	56.2	89.4	59.5	87.1	57.4
	LSD, 10%		6.8		1.2	2	7.4	2.8	7.6	1.6	7.3	0.8
	CV, %		10.5		2.6	6	7.7	3.7	6.3	1.9	6.2	1.0

Averaged over four varieties in the Northern Region, seed treatment insecticide (Cruiser) increased yield by 6.4 bushels/acre.

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

Table 3. Results of the 2011 wheat variety trial at Dixon Springs, in far southeastern Illinois.

Company	Variety	ST ¹	Yield		Test wt.	Height	2-yr avg	3-yr avg
			Yield	Rank			2010-11	2009-11
			bu/ac	1 to 72	lb/bu	in.	bu/ac	bu/ac
AgriMAXX	412	C	79.7	10	58.9	33		
AgriMAXX	413	C	78.5	15	55.5	31		
AgriMAXX	415	C	67.4	53	60.1	34		
AgriMAXX	490	C	65.9	59	59.0	33	62.7	
Agrinetics	EXCEL 234	F	66.2	55	58.7	37	65.9	
Beck's Hybrids	Beck 113	S	78.1	17	58.4	34	75.3	75.7
Beck's Hybrids	Beck 126	S	69.2	46	57.4	38		
Beck's Hybrids	Beck 135	S	81.2	8	58.0	37	79.0	
Beck's Hybrids	Beck 87	S	68.1	49	60.2	33	64.5	
BioTown Seeds	Diener 487W	F	69.4	43	59.8	36	70.9	
BioTown Seeds	Diener 492W	F	76.3	22	56.9	32		
BioTown Seeds	Diener XW 2	F	70.4	36	58.9	37		
BioTown Seeds	Diener XW 3	F	81.9	5	58.0	32		
Brownstown Ag Center	EXCEL 170	N	66.1	57	57.8	33		
Brownstown Ag Center	EXCEL 163	N	68.3	48	59.6	34		
Delta Grow Seed	DG 7500	F	77.4	20	54.2	32		
Delta Grow Seed	DG 7900	F	80.2	9	60.1	35		
Direct Enterprises	DW Exp 102	M	66.1	56	57.6	39		
Direct Enterprises	Quest	M	75.0	24	55.4	36	74.1	
Direct Enterprises	Sienna	M	79.6	11	57.5	37	75.1	
Dyna-Gro	9012	F	70.3	39	59.2	35	67.2	
Dyna-Gro	9031	F	56.5	70	58.4	35	57.1	
Dyna-Gro	9053	F	75.2	23	55.9	35	73.7	
Dyna-Gro	9171	F	81.8	6	55.2	32		
Excel Brands	EXCEL 166	M	71.3	31	56.8	37		
Excel Brands	EXCEL 341	M	67.7	52	54.9	38	68.8	
Excel Brands	EXCEL 382	M	66.1	58	59.3	36		
Excel Brands	EXCEL 442	N	67.9	51	56.2	40		
Exsegen	Dinah	F	69.4	44	59.6	35	65.8	69.5
Exsegen	Elisabeth	F	69.8	42	54.8	32		
Exsegen	Phebe	F	61.8	66	55.8	35	66.3	
GROWMARK	FS 600	C	64.0	63	57.8	33	61.7	
GROWMARK	FS 602	C	82.9	3	56.6	32		
GROWMARK	FS 610	C	66.4	54	59.2	34	61.4	66.6
GROWMARK	FS 620	C	70.1	41	58.1	39	63.0	
GROWMARK	FS 622	C	71.1	32	57.4	35		
GROWMARK	FS 628	C	70.7	34	56.9	38	67.5	69.9
GROWMARK	FS 630	C	79.4	12	59.1	38	74.2	
Hartke Seed	EXCEL 173	N	83.8	2	59.1	38	73.5	81.5
Hoffman Seed House	EXCEL 168	M	70.4	37	60.4	36		
Hoffman Seed House	EXCEL 180	C	55.2	72	58.9	35	58.3	66.6
Hoffman Seed House	EXCEL 209	C	70.1	40	57.5	34	66.9	
John Sedlacek	Sed's Blend	F	68.4	47	58.1	34		
Kitchen Seed Company	KSC 408W	F	73.7	25	56.9	41		
Kitchen Seed Company	KSC 409W	F	65.1	61	59.5	35	61.0	65.3
Kitchen Seed Company	KSC 410W	F	56.0	71	58.5	37	60.3	
Lewis Hybrids	Lewis 835	G	68.1	50	58.1	36	67.1	70.6
Lewis Hybrids	Lewis 842	G	61.2	67	58.6	36		
Miller Bros. Seed & Fertilizer	EXCEL 242	M	71.9	29	58.9	36	69.5	
MWS Seeds LLC	MWS 207	F	61.0	68	58.9	36	61.3	
MWS Seeds LLC	MWS 252	F	62.5	65	57.4	37		
MWS Seeds LLC	MWS 363	F	78.2	16	56.9	42		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	78.0	18	56.1	36		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	77.3	21	57.2	34		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	82.6	4	57.5	34		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	77.8	19	55.4	35	73.6	77.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	78.6	14	56.2	33	70.0	73.0
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	70.3	38	57.6	32	65.9	66.3
Steyer Seeds	Crestline	G	78.8	13	59.9	33		
Steyer Seeds	Kidwell	G	73.5	27	56.8	32		
Sunstar Hybrids	S-1200	F	81.7	7	55.2	34	78.1	
Sunstar Hybrids	S-900	F	73.5	26	57.5	32		
Syngenta	OAKES	F	72.6	28	59.0	35		
Syngenta	OAKES Cruiser	C	70.5	35	57.0	36		
Syngenta	SY 1526	F	61.0	69	56.4	35		
Syngenta	SY 1526 Cruiser	C	69.4	45	57.5	34		
Syngenta	W1104	F	71.6	30	57.2	35		
Syngenta	W1104 Cruiser	C	84.1	1	57.3	36	76.5	78.6
Syngenta	W1566	F	62.9	64	54.1	37		
Syngenta	W1566 Cruiser	C	71.1	33	54.4	37		
Virginia Crop Impr. Assoc.	Jamestown	F	64.8	62	60.1	31	59.2	60.4
Virginia Crop Impr. Assoc.	Merl	F	65.2	60	56.2	34	62.1	62.2
	Trial Mean		71.3		57.7	35	67.6	70.3
	LSD, 10%		7.5		1.8	2		
	CV, %		7.8		2.4	4		

Comparing four varieties at Dixon Springs, seed treatment insecticide (Cruiser) increased yield by 6.8 bushels/acre.

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

Table 4. Results of the 2011 wheat variety trial at Belleville, in southwestern Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
				Rank 1 to 72			2009,11 bu/ac	2008,09,11 bu/ac
AgriMAXX	412	C	72.5	47	58.6	37		
AgriMAXX	413	C	77.7	18	56.4	34		
AgriMAXX	415	C	76.5	26	58.9	36		
AgriMAXX	490	C	67.5	61	58.1	36		
Agrinetics	EXCEL 234	F	69.9	55	58.9	41		
Beck's Hybrids	Beck 113	S	76.6	24	58.4	36	84.9	
Beck's Hybrids	Beck 126	S	79.6	12	57.1	42		
Beck's Hybrids	Beck 135	S	84.5	4	58.0	38		
Beck's Hybrids	Beck 87	S	71.0	50	58.8	38		
BioTown Seeds	Diener 487W	F	73.8	40	58.9	38		
BioTown Seeds	Diener 492W	F	78.6	15	55.8	35		
BioTown Seeds	Diener XW 2	F	71.1	49	58.0	39		
BioTown Seeds	Diener XW 3	F	74.4	36	58.7	36		
Brownstown Ag Center	EXCEL 163	N	65.1	66	58.9	37		
Brownstown Ag Center	EXCEL 170	N	74.4	37	59.1	37	82.5	
Delta Grow Seed	DG 7500	F	85.5	3	56.8	35		
Delta Grow Seed	DG 7900	F	71.0	51	58.4	37		
Direct Enterprises	DW Exp 102	M	76.2	30	58.5	40		
Direct Enterprises	Quest	M	64.8	67	55.1	38		
Direct Enterprises	Sienna	M	75.5	33	57.0	41		
Dyna-Gro	9012	F	68.1	59	58.4	37		
Dyna-Gro	9031	F	78.6	14	59.7	40		
Dyna-Gro	9053	F	82.8	8	55.9	37		
Dyna-Gro	9171	F	77.3	21	55.9	33		
Excel Brands	EXCEL 166	M	76.3	29	59.0	40		
Excel Brands	EXCEL 341	M	61.6	70	57.0	40		
Excel Brands	EXCEL 382	M	67.3	62	58.2	37		
Excel Brands	EXCEL 442	N	77.2	23	56.8	41		
Exsegen	Dinah	F	65.6	65	58.6	38	76.1	78.6
Exsegen	Elisabeth	F	74.2	38	56.6	35		
Exsegen	Phebe	F	73.0	41	57.8	37		
GROWMARK	FS 600	C	59.9	72	58.1	35		
GROWMARK	FS 602	C	77.6	20	56.1	34		
GROWMARK	FS 610	C	84.1	6	60.3	38	86.9	
GROWMARK	FS 620	C	72.7	44	60.0	38		
GROWMARK	FS 622	C	76.5	25	58.9	36		
GROWMARK	FS 628	C	75.4	34	57.4	41	81.7	79.7
GROWMARK	FS 630	C	77.8	16	58.0	40		
Hartke Seed	EXCEL 173	N	82.3	9	58.2	40	89.7	87.8
Hoffman Seed House	EXCEL 168	M	68.4	58	59.3	38		
Hoffman Seed House	EXCEL 180	C	74.0	39	60.4	37	86.3	86.5
Hoffman Seed House	EXCEL 209	C	68.9	57	58.1	36	83.2	
John Sedlacek	Sed's Blend	F	60.1	71	57.5	38		
Kitchen Seed Company	KSC 408W	F	72.7	43	57.2	41	78.2	75.5
Kitchen Seed Company	KSC 409W	F	72.6	45	59.8	39	78.3	
Kitchen Seed Company	KSC 410W	F	66.5	64	58.8	37		
Lewis Hybrids	Lewis 835	G	70.5	53	59.6	39	77.8	
Lewis Hybrids	Lewis 842	G	72.8	42	58.3	41		
Miller Bros. Seed & Fertilizer	EXCEL 242	M	78.7	13	58.6	39		
MWS Seeds LLC	MWS 207	F	72.6	46	59.7	38		
MWS Seeds LLC	MWS 252	F	67.7	60	58.6	39		
MWS Seeds LLC	MWS 363	F	76.5	27	56.9	42		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	74.9	35	57.0	37		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	76.1	31	57.3	36		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	82.1	10	58.1	35		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	90.2	1	57.4	36	91.3	89.2
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	89.7	2	55.1	36	87.4	89.9
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	79.9	11	58.4	38	83.2	
Steyer Seeds	Crestline	G	70.6	52	58.8	37		
Steyer Seeds	Kidwell	G	77.3	22	56.0	36		
Sunstar Hybrids	S-1200	F	84.5	5	56.5	35		
Sunstar Hybrids	S-900	F	69.8	56	56.6	35		
Syngenta	OAKES	F	70.1	54	59.1	37		
Syngenta	OAKES Cruiser	C	83.3	7	59.6	39		
Syngenta	SY 1526	F	61.9	69	56.5	37		
Syngenta	SY 1526 Cruiser	C	77.6	19	58.0	38		
Syngenta	W1104	F	77.7	17	56.9	38		
Syngenta	W1104 Cruiser	C	75.8	32	56.3	37	82.3	
Syngenta	W1566	F	64.4	68	55.6	41		
Syngenta	W1566 Cruiser	C	71.9	48	56.0	41		
Virginia Crop Impr. Assoc.	Jamestown	F	76.4	28	59.8	36	78.1	
Virginia Crop Impr. Assoc.	Merl	F	67.2	63	56.9	36	72.9	
	Trial Mean		74.3		58.0	38	82.4	83.9
	LSD, 10%		7.9		0.8	2		
	CV, %		7.8		1.1	4		

Averaged over four entries compared at this location, seed treatment insecticide (Cruiser) increased yield by 8.7 bushels/acre.

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

Table 5. Results of the 2011 wheat variety trial at Brownstown, in south central Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
				Rank 1 to 72			2010-11 bu/ac	2009-11 bu/ac
AgriMAXX	412	C	74.8	46	58.6	37		
AgriMAXX	413	C	87.9	5	55.9	36		
AgriMAXX	415	C	80.7	18	58.3	34		
AgriMAXX	490	C	74.0	52	58.7	37	70.9	
Agrinetics	EXCEL 234	F	75.7	39	58.1	39	70.0	
Beck's Hybrids	Beck 113	S	82.2	14	57.2	36	79.1	76.7
Beck's Hybrids	Beck 126	S	81.0	17	56.1	39		
Beck's Hybrids	Beck 135	S	80.3	20	55.9	37	80.3	
Beck's Hybrids	Beck 87	S	66.8	67	59.2	39	65.3	
BioTown Seeds	Diener 487W	F	70.5	60	58.6	37	67.7	
BioTown Seeds	Diener 492W	F	88.3	4	55.7	36		
BioTown Seeds	Diener XW 2	F	75.6	40	56.7	39		
BioTown Seeds	Diener XW 3	F	74.8	47	59.2	36		
Brownstown Ag Center	EXCEL 170	N	74.9	45	57.1	36		
Brownstown Ag Center	EXCEL 163	N	72.1	57	58.9	38		
Delta Grow Seed	DG 7500	F	92.0	1	55.8	35		
Delta Grow Seed	DG 7900	F	82.1	15	58.7	38		
Direct Enterprises	DW Exp 102	M	78.9	27	57.2	40		
Direct Enterprises	Quest	M	74.6	49	53.4	37	70.4	
Direct Enterprises	Sienna	M	80.0	21	56.3	40	70.9	
Dyna-Gro	9012	F	73.2	54	58.0	37	71.9	
Dyna-Gro	9031	F	78.8	28	59.8	39	72.2	
Dyna-Gro	9053	F	68.4	65	53.7	36	75.0	
Dyna-Gro	9171	F	85.7	8	55.3	36		
Excel Brands	EXCEL 166	M	85.2	10	58.5	39		
Excel Brands	EXCEL 341	M	61.3	70	54.0	40	67.3	
Excel Brands	EXCEL 382	M	68.7	64	57.0	39		
Excel Brands	EXCEL 442	N	73.7	53	55.2	40		
Exsegen	Dinah	F	75.1	44	58.9	38	77.5	74.1
Exsegen	Elisabeth	F	84.8	11	55.9	35		
Exsegen	Phebe	F	75.4	43	55.8	38	74.5	
GROWMARK	FS 600	C	68.8	62	56.7	37	72.3	
GROWMARK	FS 602	C	89.1	3	55.6	35		
GROWMARK	FS 610	C	85.2	9	59.8	38	77.3	74.3
GROWMARK	FS 620	C	77.9	31	58.5	39	73.7	
GROWMARK	FS 622	C	76.7	35	58.3	35		
GROWMARK	FS 628	C	78.8	29	56.3	39	71.9	72.1
GROWMARK	FS 630	C	74.1	50	57.2	39	69.5	
Hartke Seed	EXCEL 173	N	89.7	2	58.2	39	80.6	78.8
Hoffman Seed House	EXCEL 168	M	79.1	26	60.1	40		
Hoffman Seed House	EXCEL 180	C	79.8	22	59.9	38	75.8	75.8
Hoffman Seed House	EXCEL 209	C	72.8	55	57.3	38	74.0	
John Sedlacek	Sed's Blend	F	66.0	68	57.8	38		
Kitchen Seed Company	KSC 408W	F	71.4	58	55.5	41		
Kitchen Seed Company	KSC 409W	F	79.7	23	59.7	39	73.5	71.3
Kitchen Seed Company	KSC 410W	F	74.7	48	58.5	38	70.9	
Lewis Hybrids	Lewis 835	G	77.0	34	59.4	39	74.6	73.0
Lewis Hybrids	Lewis 842	G	77.7	32	57.8	40		
Miller Bros. Seed & Fertilizer	EXCEL 242	M	81.2	16	57.4	36	79.2	
MWS Seeds LLC	MWS 207	F	76.6	36	59.7	37	74.8	
MWS Seeds LLC	MWS 252	F	74.0	51	58.2	38		
MWS Seeds LLC	MWS 363	F	67.7	66	54.5	40		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	80.4	19	56.3	38		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	76.6	37	54.3	38		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	75.5	42	56.1	35		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	83.2	12	55.6	36	72.9	74.6
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	86.3	7	54.3	36	83.2	77.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	79.1	25	58.5	37	76.2	74.6
Steyer Seeds	Crestline	G	76.3	38	58.9	37		
Steyer Seeds	Kidwell	G	83.0	13	55.2	34		
Sunstar Hybrids	S-1200	F	86.6	6	55.9	34	85.8	
Sunstar Hybrids	S-900	F	77.1	33	58.6	35		
Syngenta	OAKES	F	79.6	24	58.3	39		
Syngenta	OAKES Cruiser	C	78.2	30	58.2	38		
Syngenta	SY 1526	F	69.4	61	57.2	37		
Syngenta	SY 1526 Cruiser	C	75.6	41	57.2	37		
Syngenta	W1104	F	70.8	59	55.4	38		
Syngenta	W1104 Cruiser	C	68.7	63	55.2	38	69.4	67.8
Syngenta	W1566	F	54.2	72	54.0	41		
Syngenta	W1566 Cruiser	C	61.6	69	54.2	41		
Virginia Crop Impr. Assoc.	Jamestown	F	72.4	56	59.7	36	64.1	62.0
Virginia Crop Impr. Assoc.	Merl	F	57.1	71	57.3	37	56.1	54.5
	Trial Mean		76.6		57.2	38	73.2	72.0
	LSD, 10%		7.4		0.9	2		
	CV, %		7.1		1.2	4		

Averaged over four entries compared at Brownstown, seed treatment insecticide (Cruiser) increased yield by 2.5 bushels/acre.

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 2011 wheat variety trial at Perry, in western Illinois.

<u>Company</u>	<u>Variety</u>	<u>ST</u> ¹	<u>Yield</u>		<u>Test wt.</u>	<u>Height</u>	<u>2-yr avg</u>	<u>3-yr avg</u>
			<u>bu/ac</u>	<u>Rank</u> 1 to 64				
Agrinetics	EXCEL 180	F	74.0	23	58.4	37	77.5	81.0
Agrinetics	EXCEL 442	F	66.3	46	54.3	41	77.8	78.4
Beck's Hybrids	Beck 113	S	83.6	4	57.4	38	77.7	
Beck's Hybrids	Beck 126	S	74.9	20	56.7	40		
Beck's Hybrids	Beck 135	S	84.7	3	56.7	39	84.4	
BioTown Seeds	Diener 492W	F	70.3	36	51.4	36		
BioTown Seeds	Diener 508W	F	58.7	61	55.1	42		
BioTown Seeds	Diener XW 4	F	76.7	14	54.3	39		
Cappel Certified Seed	EXCEL 209	N	64.5	49	55.7	36	73.3	
Cappel Certified Seed	EXCEL 242	M	83.5	5	57.4	39	82.9	
DeRaedt Seed	DeRaedt 11	F	73.2	24	51.6	38		
Direct Enterprises	DW Exp 102	M	74.7	22	56.2	40		
Direct Enterprises	Quest	M	64.4	50	53.8	39	71.4	
Direct Enterprises	Sienna	M	82.0	7	54.8	40	83.1	
Dyna-Gro	9031	F	67.8	45	59.3	39	77.2	
Dyna-Gro	9053	F	70.2	37	51.6	38	73.2	
Dyna-Gro	9911	F	62.2	54	56.1	36		
Excel Brands	EXCEL 166	M	78.7	10	56.3	39		
Excel Brands	EXCEL 168	M	74.9	21	59.9	40		
Excel Brands	EXCEL 382	M	63.2	52	56.8	38		
Green Valley Seed	Willcross 750	F	61.3	56	58.6	39		
Green Valley Seed	Willcross 752	F	72.7	27	58.0	35		
Green Valley Seed	Willcross EXP	F	61.0	57	55.8	35		
GROWMARK	FS 610	C	75.6	18	57.7	38	78.8	79.7
GROWMARK	FS 620	C	75.7	16	59.5	39	79.4	
GROWMARK	FS 622	C	73.0	25	58.7	37		
GROWMARK	FS 628	C	70.2	38	55.7	41	71.4	71.5
GROWMARK	FS 630	C	76.1	15	55.6	41	76.5	
Kitchen Seed Company	KSC 408W	F	64.1	51	54.4	42		
Kitchen Seed Company	KSC 409W	F	68.3	43	57.1	38	74.5	75.4
Kitchen Seed Company	KSC 410W	F	59.2	60	59.2	39	72.7	
Lewis Hybrids	Lewis 835	G	72.2	28	57.4	37	76.9	78.1
Lewis Hybrids	Lewis 842	G	72.1	30	58.8	38		
Monier Seed	MW 846	F	71.4	32	56.9	37		
Monier Seed	MW 859	F	58.6	62	55.1	38		
Monier Seed	MW 865	F	62.9	53	55.9	41		
MWS Seeds LLC	MWS 207	F	69.3	40	57.5	39	76.5	
MWS Seeds LLC	MWS 252	F	66.0	47	58.5	41		
MWS Seeds LLC	MWS 363	F	59.4	59	55.2	41		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	77.0	13	58.3	38		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	71.7	31	54.6	36	67.4	72.8
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	79.3	9	56.3	34		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	84.9	2	53.6	39	83.9	81.9
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	72.7	26	50.7	37	74.6	78.5
Pro Seed Genetics	PRO 200	M	82.1	6	56.1	40	79.7	74.6
Pro Seed Genetics	PRO 220	M	71.0	33	57.6	41	78.5	
Pro Seed Genetics	PRO 240	M	68.1	44	58.1	40	72.9	73.9
Pro Seed Genetics	PRO 320A	M	77.3	11	57.0	41	84.2	
Pro Seed Genetics	PRO Ex260		81.9	8	56.8	40		
Pro Seed Genetics	PRO Ex360A	C	69.5	39	54.2	37		
Steyer Seeds	Crestline	G	60.1	58	57.2	36		
Steyer Seeds	Kidwell	G	70.3	35	51.9	35		
Sunstar Hybrids	S-1200	F	77.0	12	54.5	38	79.1	
Sunstar Hybrids	S-900	F	70.8	34	57.6	37		
Synergy Seeds	EXCEL 341	M	57.2	63	54.6	39	67.2	74.1
Synergy Seeds	EXCEL 442	N	64.9	48	53.5	41	77.1	77.9
Syngenta	OAKES	F	72.1	29	56.7	38		
Syngenta	OAKES Cruiser	C	68.5	42	57.0	38		
Syngenta	SY 1526	F	68.7	41	56.0	41		
Syngenta	SY 1526 Cruiser	C	75.6	17	56.6	38		
Syngenta	W1104	F	75.1	19	54.1	40		
Syngenta	W1104 Cruiser	C	86.5	1	56.4	36	87.0	87.1
Syngenta	W1566	F	55.4	64	54.1	40		
Syngenta	W1566 Cruiser	C	62.2	55	53.1	39	60.9	70.8
	Trial Mean		71.1		56.2	38	76.4	77.0
	LSD, 10%		7.4		2.8	3		
	CV, %		7.7		3.7	6		

Averaged over four entries compared at Perry, seed treatment insecticide (Cruiser) increased yield by 5.4 bushels/acre.

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

Table 7. Results of the 2011 wheat variety trial at Urbana, in east central Illinois.

<u>Company</u>	<u>Variety</u>	<u>ST</u> ¹	<u>Yield</u>				<u>2-yr avg</u>	<u>3-yr avg</u>
			<u>Yield</u> bu/ac	<u>Rank</u> 1 to 64	<u>Test wt.</u> lb/bu	<u>Height</u> in.	<u>2010-11</u> bu/ac	<u>2009-11</u> bu/ac
Agrinetics	EXCEL 180	F	91.6	26	62.0	42	91.4	95.6
Agrinetics	EXCEL 442	F	81.0	60	58.2	40	86.1	91.5
Beck's Hybrids	Beck 113	S	94.3	16	60.8	38	95.8	
Beck's Hybrids	Beck 126	S	99.2	3	59.4	40		
Beck's Hybrids	Beck 135	S	100.6	2	59.8	39	98.6	
BioTown Seeds	Diener 492W	F	92.8	22	56.9	37		
BioTown Seeds	Diener 508W	F	93.5	19	58.5	42		
BioTown Seeds	Diener XW 4	F	96.1	9	58.0	43		
Cappel Certified Seed	EXCEL 209	N	87.7	38	59.7	41	88.3	
Cappel Certified Seed	EXCEL 242	M	94.9	15	59.9	39	93.2	
DeRaedt Seed	DeRaedt 11	F	92.8	21	57.4	37		
Direct Enterprises	DW Exp 102	M	97.5	6	59.5	40		
Direct Enterprises	Quest	M	86.9	44	56.4	37	87.3	
Direct Enterprises	Sienna	M	98.4	5	58.4	42	94.5	
Dyna-Gro	9031	F	86.6	45	61.7	41	89.0	
Dyna-Gro	9053	F	94.9	14	57.5	37	96.1	
Dyna-Gro	9911	F	72.7	64	60.7	39		
Excel Brands	EXCEL 166	M	85.4	50	59.6	40		
Excel Brands	EXCEL 168	M	86.9	43	62.8	41		
Excel Brands	EXCEL 382	M	82.4	55	60.4	41		
Green Valley Seed	Willcross 750	F	75.0	63	60.0	37		
Green Valley Seed	Willcross 752	F	89.1	32	60.3	36		
Green Valley Seed	Willcross EXP	F	82.2	57	61.2	38		
GROWMARK	FS 610	C	90.0	31	61.4	40	92.2	93.3
GROWMARK	FS 620	C	90.4	30	61.1	38	93.5	
GROWMARK	FS 622	C	95.3	11	60.4	37		
GROWMARK	FS 628	C	87.2	39	59.2	44	88.9	90.3
GROWMARK	FS 630	C	85.7	49	59.7	41	89.8	
Kitchen Seed Company	KSC 408W	F	84.7	52	57.9	41		
Kitchen Seed Company	KSC 409W	F	84.6	53	60.4	41	89.0	92.2
Kitchen Seed Company	KSC 410W	F	82.2	56	62.2	38	90.7	
Lewis Hybrids	Lewis 835	G	82.1	58	61.1	41	85.8	88.1
Lewis Hybrids	Lewis 842	G	96.9	8	59.8	41		
Monier Seed	MW 846	F	87.1	41	61.5	41		
Monier Seed	MW 859	F	88.8	34	58.3	43		
Monier Seed	MW 865	F	75.3	62	57.4	37		
MWS Seeds LLC	MWS 207	F	86.3	47	61.7	40	89.2	
MWS Seeds LLC	MWS 252	F	85.2	51	60.6	39		
MWS Seeds LLC	MWS 363	F	87.9	37	57.8	42		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	91.1	27	59.0	39		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	94.0	17	58.8	37	91.6	91.8
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	92.0	24	59.1	33		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	92.0	23	58.5	37	95.6	95.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	99.1	4	57.1	36	95.3	97.5
Pro Seed Genetics	PRO 200	M	88.4	35	60.2	44	90.3	91.2
Pro Seed Genetics	PRO 220	M	86.5	46	62.3	44	90.5	
Pro Seed Genetics	PRO 240	M	91.7	25	58.2	44	90.2	92.0
Pro Seed Genetics	PRO 320A	M	90.5	29	58.0	42	92.0	
Pro Seed Genetics	PRO Ex260		87.1	40	58.9	40		
Pro Seed Genetics	PRO Ex360A	C	95.2	13	59.9	38		
Steyer Seeds	Crestline	G	79.5	61	60.8	39		
Steyer Seeds	Kidwell	G	93.8	18	56.7	37		
Sunstar Hybrids	S-1200	F	92.9	20	56.9	35	96.1	
Sunstar Hybrids	S-900	F	82.7	54	61.9	38		
Synergy Seeds	EXCEL 341	M	81.7	59	57.1	40	87.7	93.0
Synergy Seeds	EXCEL 442	N	97.1	7	58.5	42	94.2	98.0
Syngenta	OAKES	F	86.2	48	61.1	38		
Syngenta	OAKES Cruiser	C	89.1	33	61.1	39		
Syngenta	SY 1526	F	88.3	36	58.9	40		
Syngenta	SY 1526 Cruiser	C	95.2	12	60.1	41		
Syngenta	W1104	F	95.3	10	57.3	38		
Syngenta	W1104 Cruiser	C	103.6	1	58.2	37	99.0	98.4
Syngenta	W1566	F	87.1	42	57.1	44		
Syngenta	W1566 Cruiser	C	91.0	28	57.0	44	83.9	83.2
	Trial Mean		89.4		59.5	40	91.5	92.8
	LSD, 10%		7.6		1.6	2		
	CV, %		6.3		2.0	5		

Averaged over four entries compared at Urbana, seed treatment insecticide (Cruiser) increased yield by 5.5 bushels/acre.

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

Table 8. Results of the 2011 wheat variety trial at DeKalb, in north central Illinois.

<u>Company</u>	<u>Variety</u>	<u>ST</u> ¹	<u>Yield</u> bu/ac	<u>Yield</u>			<u>Height</u> in.	<u>2-yr avg</u>	<u>3-yr avg</u>
				<u>Rank</u> 1 to 64	<u>Test wt.</u> lb/bu			<u>2009,11</u> bu/ac	<u>2007,09,11</u> bu/ac
Agrinetics	EXCEL 180	F	81.8	52	58.9	38	91.5		
Agrinetics	EXCEL 442	F	88.1	30	57.3	42	97.2		
Beck's Hybrids	Beck 113	S	96.5	5	58.6	35			
Beck's Hybrids	Beck 126	S	92.4	14	57.0	41			
Beck's Hybrids	Beck 135	S	88.4	28	56.7	36			
BioTown Seeds	Diener 492W	F	86.7	34	54.2	34			
BioTown Seeds	Diener 508W	F	88.7	25	56.9	43			
BioTown Seeds	Diener XW 4	F	95.1	7	56.4	42			
Cappel Certified Seed	EXCEL 209	N	86.1	36	56.9	39			
Cappel Certified Seed	EXCEL 242	M	92.6	11	58.1	41			
DeRaedt Seed	DeRaedt 11	F	83.1	49	54.2	35			
Direct Enterprises	DW Exp 102	M	85.8	39	58.3	39			
Direct Enterprises	Quest	M	84.6	44	55.6	38			
Direct Enterprises	Sienna	M	98.0	3	56.5	42			
Dyna-Gro	9031	F	80.8	54	58.9	39			
Dyna-Gro	9053	F	76.9	63	52.9	37			
Dyna-Gro	9911	F	85.2	42	57.9	37	90.6		
Excel Brands	EXCEL 166	M	79.8	57	58.0	40			
Excel Brands	EXCEL 168	M	77.3	62	59.7	40			
Excel Brands	EXCEL 382	M	78.5	60	57.9	37			
Green Valley Seed	Willcross 750	F	82.8	50	57.6	38			
Green Valley Seed	Willcross 752	F	89.2	22	57.9	36			
Green Valley Seed	Willcross EXP	F	85.3	41	57.5	36			
GROWMARK	FS 610	C	85.6	40	58.9	40	94.3		
GROWMARK	FS 620	C	91.9	15	59.0	39			
GROWMARK	FS 622	C	88.4	27	58.2	37			
GROWMARK	FS 628	C	89.5	21	56.6	42	94.7	89.7	
GROWMARK	FS 630	C	87.6	31	56.6	41			
Kitchen Seed Company	KSC 408W	F	91.1	17	57.7	43	101.0		
Kitchen Seed Company	KSC 409W	F	84.3	45	59.2	39	94.6		
Kitchen Seed Company	KSC 410W	F	78.0	61	59.1	38			
Lewis Hybrids	Lewis 835	G	83.7	46	59.6	37	92.8		
Lewis Hybrids	Lewis 842	G	81.3	53	57.5	37			
Monier Seed	MW 846	F	86.1	35	58.7	40			
Monier Seed	MW 859	F	90.3	19	57.2	41			
Monier Seed	MW 865	F	83.6	47	57.2	41			
MWS Seeds LLC	MWS 207	F	79.8	58	58.9	39			
MWS Seeds LLC	MWS 252	F	80.0	56	58.5	38			
MWS Seeds LLC	MWS 363	F	83.5	48	57.5	43			
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	88.1	29	55.7	37			
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	102.6	2	56.7	39	101.5		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	93.8	9	56.9	34			
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	93.5	10	55.7	35	99.8	92.3	
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	78.8	59	54.6	35	82.8		
Pro Seed Genetics	PRO 200	M	82.4	51	58.6	38	94.2		
Pro Seed Genetics	PRO 220	M	85.1	43	59.8	39			
Pro Seed Genetics	PRO 240	M	86.7	33	57.0	41	92.2		
Pro Seed Genetics	PRO 320A	M	92.4	13	58.1	42			
Pro Seed Genetics	PRO Ex260		103.8	1	57.4	41			
Pro Seed Genetics	PRO Ex360A	C	89.1	24	58.2	37			
Steyer Seeds	Crestline	G	88.7	26	58.2	38			
Steyer Seeds	Kidwell	G	92.5	12	55.1	35			
Sunstar Hybrids	S-1200	F	86.0	38	53.8	33			
Sunstar Hybrids	S-900	F	91.5	16	58.5	38			
Synergy Seeds	EXCEL 341	M	80.0	55	57.1	39	91.9		
Synergy Seeds	EXCEL 442	N	95.5	6	57.3	40	100.9		
Syngenta	OAKES	F	90.6	18	59.0	36			
Syngenta	OAKES Cruiser	C	90.2	20	59.1	37			
Syngenta	SY 1526	F	74.7	64	57.7	39			
Syngenta	SY 1526 Cruiser	C	95.0	8	57.4	39			
Syngenta	W1104	F	87.3	32	55.7	38			
Syngenta	W1104 Cruiser	C	97.7	4	55.7	36	103.2		
Syngenta	W1566	F	86.0	37	55.6	41			
Syngenta	W1566 Cruiser	C	89.2	23	55.5	41	93.9		
	Trial Mean		87.1		57.4	39	95.1	91.0	
	LSD, 10%		7.3		0.8	3			
	CV, %		6.2		1.0	5			

Averaged over four entries compared at DeKalb, seed treatment insecticide (Cruiser) increased yield by 8.4 bushels/acre.

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, M= Macho+Fungicide, N= Encase+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>Stand-ability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Sept-oria</u>
AgriMAXX	412	V	E	S	E	M	E	I	MR	MR
	413	V	E	B	E	MS	E	I	MR	MR
	415	V	M	B	E	M	E	I	MR	MR
	490	V	VE	B	E	M	E	I	MR	MR
Agrinetics Inc	EXCEL 180	V	E	S	VG	M	G	I	MR	MR
	EXCEL 234	V	ME	S	E	M	VG	I	MR	MS
	EXCEL 442	V	M	B	E	MT	VG	I	R	MR
Beck's Hybrids	87	V	VE	B	VG	M	VG	I	MS	MS
	113	V	ME	S	E	MS	E	I	I	MS
	126	V	M	S	E	T	VG	I	MR	MS
	135	V	L	B	E	MT	VG	I	MR	MS
BioTown Seeds	487W	V	ME	S	VG	M	VG	I	MR	MR
	492W	V	ME	B	G	MS	VG	I	MR	I
	508W	V	L	B	G	T	VG	I	I	I
	XW2	V	ME	S	VG	T	G	I	MR	I
	XW3	V	E	S	G	M	G		MS	MR
	XW4	V	ME	S	VG	MT	G	MR	MR	I
Brownstown Ag Center	EXCEL 163	V	VE	B	VG	M	G	I	MR	MR
	EXCEL 170	V	VE	S	E	MS	E	I	MR	MR
Cappel Certified Seed	EXCEL 209	V	E	S	E	MS	E	I	I	MR
	EXCEL 242	V	M	S	VG	M	E	I	MS	MR
Delta Grow Seed	DG 7500	V	ME	S	VG	M	VG	S	R	M
	DG 7900	V	M	S	VG	MT	VG	S	MR	M
DeRaedt Seed	11	V	ME	B	E	MS	E		I	MR
Direct Enterprises	Sienna	V	E	S	VG	MT	VG	S	MR	MR
	Quest	V	E	S	VG	M	VG	S	MR	MR
	EXP 102	V	E	S	VG	MT	VG	S	MR	MR
Dyna-Gro Seed	9012	V	M	B	E	M	E	I	I	MR
	9031	V	ME	S	VG	M	G	MS	I	MR
	9171	V	ME	B	VG	MS	E	MS	MR	I
	9053	V	ML	B	VG	M	VG	MS	I	MR
	9911	V	M	T	VG	M	VG	I	I	I
Excel Brand Seed	EXCEL 166	V	VE	S	G	M	G	I	MR	I
	EXCEL 168	V	VE	S	G	M	G	I	MR	MR
	EXCEL 382	V	M	T	E	MS	E	I	MR	MR
	EXCEL 442	V	M	B	E	MT	VG	I	R	MR
FS Seeds	FS 600	V	E	S	E	M	E	S	MR	MR
	FS 602	V	E	B	VG	S	E	S	I	I
	FS 610	V	E	S	VG	T	VG	S	I	MR
	FS 620	V	ME	S	VG	T	E	S	S	S
	FS 622	V	ME	B	E	M	E	S	I	MR
	FS 628	V	ME	S	E	T	E	S	I	I
	FS 630	V	ME	S	E	T	E	S	I	I
Green Valley Seed	Willcross 750	V	M	S	E	M	E	MS	R	MR
	Willcross 752	V	M	B	E	M	E	MS	MR	MR
	Willcross EXP	V	ME	S	E	M	E	MS	I	MR
Hartke Seed Farms	EXCEL 173	V	E	S	G	M	G	I	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>Standability</u>	<u>Hessian fly</u>	<u>Leaf rust</u>	<u>Septoria</u>
Hoffman Seed House	EXCEL 168	V	VE	S	G	M	G	I	MR	MR
	EXCEL 180	V	E	S	E	M	VG	I	MR	MR
	EXCEL 209	V	E	S	E	MS	E	I	I	MR
John Sedlacek	Sed's Blend	B	E	T	G	MS	G	S	MS	MS
Kitchen Seed Company	KSC 408W	V	ML	B	E	M	G	I	MR	MT
	KSC 409W	V	M	S	E	M	G	I	MR	MR
	KSC 410W	V	M	S	E	M	E	I	MR	MR
Lewis Hybrids	835	V	ME	S	E	M	VG	I	I	MR
	842	V	M	S	E	M	E	I	MR	MR
Miles Seed	Dinah	V	M	S	E	M	VG		R	MR
	Elisabeth	V	ME	T	E	M	E		MR	I
	Phebe	V	M	B	E	M	E		MR	MR
Miller Bros. Farm & Fertilizer	EXCEL 242	V	M	S	VG	M	E	I	MS	MR
Moiner Seed	MW 846	V	ME	S	VG	M	VG		S	S
	MW 859	V	ML	B	E	T	VG		R	R
	MW 865	V	M	S	E	T	E		R	MR
MWS Seeds LLC	MWS 207	V	ME	S	E	M	VG		MR	MS
	MWS 252	V	ME	S	E	M	VG		MR	MS
	MWS 363	V	ML	B	E	T	VG		R	MR
Pioneer Hi-Bred Int'l, Inc.	PIONEER 25R34	V	ML	B	E	M	VG	R	MR	MR
	PIONEER 25R39	V	ML	S	VG	M	G	S	R	MR
	PIONEER 25R40	V	ML	B	G	S	E	S	R	MR
	PIONEER 25R47	V	M	B	E	S	VG	S	R	MR
	PIONEER 25R56	V	ME	S	E	S	G	R	MR	MR
	PIONEER 25R62	V	ME	B	VG	S	E	S	MS	I
	PIONEER 25R78	V	ME	B	G	S	E	MR	R	MS
Pro Seed Genetics	PRO 200	V	M	S	VG	M	VG		R	MR
	PRO 220	V	E	S	VG	M	VG		MR	MR
	PRO 240	V	E	S	G	M	VG		MR	MR
	PRO 320A	V		B	G	M	VG		MR	MR
	PRO Ex260	V		S						
	PRO Ex360A	V		B						
Sunstar Hybrids	S-900	V	E	B	E	M	E		I	R
	S-1200	V	ME	B	E	M	E		R	R
Steyer Seeds	Kidwell	V	ME	B	VG	S	E	MR	MR	MR
	Crestline	V	E	S	VG	M	VG	MR	MR	MR
Synergy Seeds	EXCEL 341	V	M	S	E	M	E	I	MR	MR
	EXCEL 442	V	M	B	E	MT	VG	I	R	MR
Syngenta	Oakes	V	M	S	G	MT	G		MR	MR
	SY 1526	V	ME	S	VG	MT	G		MR	I
	W1104	V	M	S	VG	M	G		MS	MR
	W1566	V	M	S	EX	T	G		MS	MR
Virginia Tech	Jamestown	V	E	B	VG	S	VG	R	MR	
	Merl	V	ME	S	VG	M	VG		S	

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

**Table 10. 2011 Fusarium head scab evaluation of variety test entries at Urbana, Illinois.
Head Scab Resistance Rating scale: 1 = resistant, 9 = susceptible.**

Company	Entry Name	Scab Resistance Rating (1-9)	Company	Entry Name	Scab Resistance Rating (1-9)
AgriMAXX	AgriMAXX 412	7	GROWMARK	FS 600	5
AgriMAXX	AgriMAXX 413	8	GROWMARK	FS 602	8
AgriMAXX	AgriMAXX 415	7	GROWMARK	FS 610	4
AgriMAXX	AgriMAXX 490	5	GROWMARK	FS 620	4
Beck's Hybrids	Beck 87	4	GROWMARK	FS 622	7
Beck's Hybrids	Beck 113	7	GROWMARK	FS 628	8
Beck's Hybrids	Beck 126	6	GROWMARK	FS 630	4
Beck's Hybrids	Beck 135	6	Kitchen Seed Company	KSC 408W	4
BioTown Seeds	Diener 487W	7	Kitchen Seed Company	KSC 409W	5
BioTown Seeds	Diener 492W	8	Kitchen Seed Company	KSC 410W	4
BioTown Seeds	Diener 508W	5	Lewis Hybrids	Lewis 835	4
BioTown Seeds	Diener XW 2	6	Lewis Hybrids	Lewis 842	6
BioTown Seeds	Diener XW 3	5	Monier Seed	MW 846	4
BioTown Seeds	Diener XW 4	6	Monier Seed	MW 859	5
Delta Grow Seed	DG 7500	8	Monier Seed	MW 865	5
Delta Grow Seed	DG 7900	6	MWS Seeds LLC	MWS 207	4
DeRaedt Seed	DeRaedt 11	8	MWS Seeds LLC	MWS 252	4
Direct Enterprises	Sienna	7	MWS Seeds LLC	MWS 363	4
Direct Enterprises	Quest	7	Pioneer Hi-Bred Int'l, Inc.	Pio 25R34	7
Direct Enterprises	DW Exp 102	8	Pioneer Hi-Bred Int'l, Inc.	Pio 25R39	7
Dyna-Gro	Dyna-Gro 9012	7	Pioneer Hi-Bred Int'l, Inc.	Pio 25R47	8
Dyna-Gro	Dyna-Gro 9031	5	Pioneer Hi-Bred Int'l, Inc.	Pio 25R40	7
Dyna-Gro	Dyna-Gro 9053	7	Pioneer Hi-Bred Int'l, Inc.	Pio 25R62	7
Dyna-Gro	Dyna-Gro 9171	7	Pioneer Hi-Bred Int'l, Inc.	Pio 25R78	7
Dyna-Gro	Dyna-Gro 9911	4	Pro Seed Genetics	PRO 200	7
Excel Brand Seed	Excel 163	4	Pro Seed Genetics	PRO 220	4
Excel Brand Seed	Excel 166	6	Pro Seed Genetics	PRO 240	7
Excel Brand Seed	Excel 168	1	Pro Seed Genetics	PRO 320A	4
Excel Brand Seed	Excel 170	3	Pro Seed Genetics	PRO Ex260	8
Excel Brand Seed	Excel 173	5	Pro Seed Genetics	PRO EX360A	6
Excel Brand Seed	Excel 180	3	Johm Sedlcel	Sed's Blend	5
Excel Brand Seed	Excel 209	4	Steyer Seeds	Kidwell	7
Excel Brand Seed	Excel 234	4	Steyer Seeds	Crestline	6
Excel Brand Seed	Excel 242	5	Sunstar Hybrids	S-900	6
Excel Brand Seed	Excel 341	5	Sunstar Hybrids	S-1200	8
Excel Brand Seed	Excel 382	5	Syngenta	SY 1526	5
Excel Brand Seed	Excel 442	4	Syngenta	W1104	8
Green Valley Seed	Willcross 750	7	Syngenta	W1566	9
Green Valley Seed	Willcross 752	7	Syngenta	OAKES	5
Green Valley Seed	Willcross EXP	6	Virginia Tech	Jamestown	6
			Virginia Tech	Merl	9

Head Scab Resistance Rating 1-9 scale: 1 = resistant, 9 = susceptible

Data provided by Eric Brucker and Fred Kolb and based on an inoculated and mist irrigated nursery.