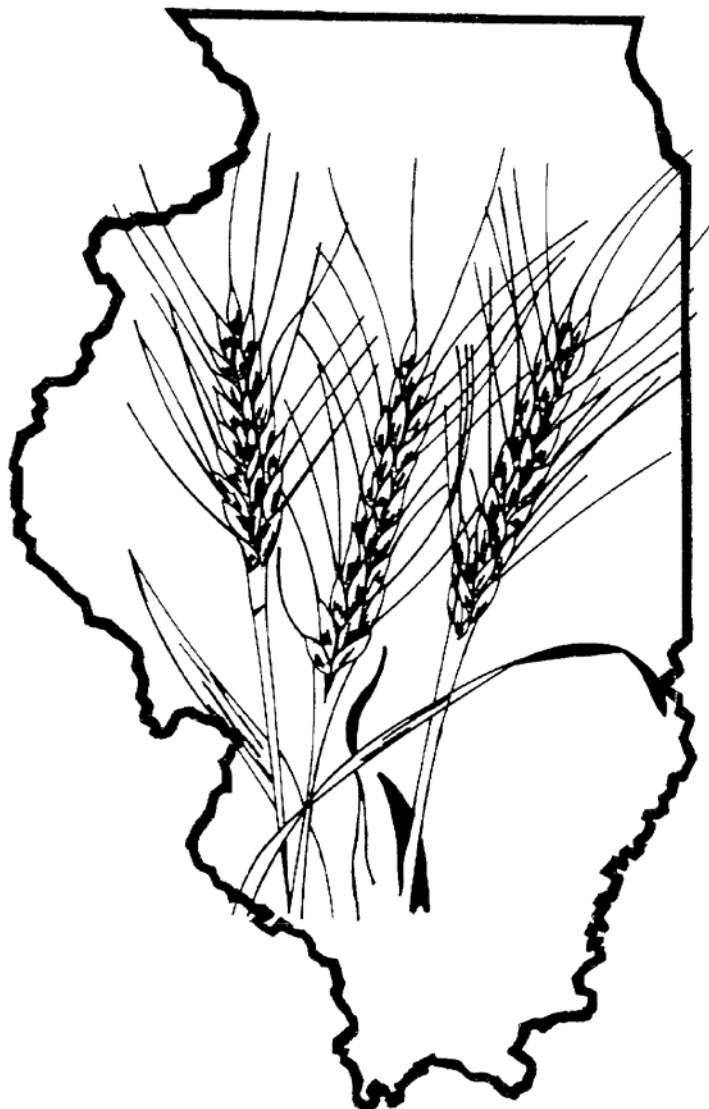


WHEAT PERFORMANCE IN ILLINOIS TRIALS – 2024



**Crop Sciences Special Report 2024-01
Department of Crop Sciences University
of Illinois August 2024**

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Crop Sciences Special Report 2024-01, July 2024

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The 2024 winter wheat growing season was outstanding for most of the crop's development but became less favorable shortly after the flowering stage. Due to warm-spells during February, green-up was about 10 days earlier than normal and the crop remained ahead of normal for the rest of the season. Warm temperatures and dry conditions early in the season promoted good tillering and head development, which put the crop in a good position to achieve record yields. However, once heads emerged, the weather was consistently wet. The wet weather during and shortly after the flowering stage promoted infection of multiple diseases. The most important disease that we observed was Fusarium Head Blight (FHB), also referred to as Head Scab. Head Scab is known to reduce the quality of the wheat crop. The disease infects the developing kernels resulting in lower test weights, and Deoxynivalenol (DON) accumulation in the grain. The economic impact of Head Scab is mostly due to its impact on test weight and DON. Yield losses due to Head Scab are usually minor, except when the disease is very severe. For many growers, Head Scab was severe enough to cause a reduction in test weight and some accumulation of DON. In some fields, Scab was severe enough to cause a major yield reduction as well. Head Scab was worst in fields where susceptible varieties were planted and where an appropriate fungicide had not been applied right at flowering. Head Scab was not the only problem that limited the wheat crop's yield and quality this year, we observed diseases caused by multiple species of Septoria, and this may have also limited the final yield. We also observed lodging in many fields which was probably promoted by high tiller densities combined with powerful winds, and diseases that affect the root and stem strength.

The average yield this year was 83 bu/acre, which is the 2nd highest state average wheat yield on record. State average wheat yields have been record-breaking for the past two years, and 2024 probably would have been another record-breaking year if conditions had been drier during flowering and grain filling. The Illinois Wheat Association predicted a 104 bu/acre average yield for Southern Illinois during the wheat tour at the end of May. The actual yield came short of this number, in large part due wet conditions that promoted disease development during grain filling. In summary, Illinois had a great wheat crop in 2024 with some challenges toward the end of the season.

To aid variety selection decisions, we present these wheat variety testing results from 6 locations across the state of Illinois. Plots were seeded at the rate of 36 seeds per square foot, and consisted of six, 7.5-inch rows trimmed to about 16 feet before harvest. Yields were corrected to 13.5% moisture. In addition to yield we report Maturity time and Jointing time. Maturity time is measured in days and it is a factor to consider when selecting varieties to be followed by double-crop soybeans. Jointing time is reported as Early, Medium, and Late. Early jointing is associated with a higher risk of spring freeze damage. We also report Scab Resistance which is based on DON levels observed from a nursery that is misted and inoculated to create good conditions for infection across all varieties. Entries treated with seed-applied insecticide have insecticide treatment identified by the product trade name in the tables.

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 2024.

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

Dyna-Gro Seed
200 W 2nd St.
Flora, IL 44818
(618) 578-0660

Kratz Farms LLC
4380 Sherman Road
Slinger, WI 53086
(262) 305-6631

AgriPro
1521 Convent St.
Suite 200
Bourbonnais, IL 60914

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

KWS Cereals
4101 Colleen Dr
Champaign, IL 618/22
217-800-1008

Albert Lea Seed
1414 West Main
Albert Lea, MN 56007
(800)-352-5247

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

Langdon Bros Seed
3590 S 100E
Hartford City, IN 47348
(800) 526-4366

American Organic
1676 CR 2200 E
St Joseph, IL
(217) 469-2351

Hoffman Seed House
PO Box 66
Hoffman, IL 62250
(618) 495-2617

Martin Seed
10280 West SR 28
West Lebanon, IL 47991
(217) 649-6348

Baird Seed Co.1122
Knox Highway
18Williamsfield, IL 61489
(309) 639-2248

Kennell Seed Farms
2153 County Rd D
South Wayne, WI 53587
(608) 293-2200

Pioneer Hi-Bred Int'l Inc
7100 NW 62nd Ave.
Johnston, IA 50131
(800) 247-6803

BioTown Seeds
373 N Diener Rd
Reynolds, IN 47980
(219) 984-6038

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

VCIA
9225 Atlee Branch Lane
Mechanicsville, VA 23116
(804) 746-4884

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

Location	Hampshire	Perry	Urbana
County	Kane	Pike	Champaign
Host	Dezeri DeRaedt	Luke Merrit	CSREC
Soil type	Drummer silty clay loam	Clarksdale silt loam	Flanagan silt loam
Planting date	October 5, 2023	October 4, 2023	October 3, 2023
Harvest date	July 7, 2024	June 21, 2024	June 19, 2024

Nitrogen applied	Pounds N/ A		
Fall	30	30	30
Spring	80	80	90

Latitude	42.0449444	39.80025	40.0468889
Longitude	-88.46975	-90.819361	-88.2378611

Location	St Peter	Belleville	Elkville
County	Fayette	St. Clair	Jackson
Host	Russ Schwarm	SIU Belleville REC	John and Trent Funk
Soil type	Hoyleton silt loam	Winfield silt loam	Hurst silt loam
Planting date	October 11, 2023	October 12, 2023	October 9, 2023
Harvest date	June 14, 2024	June 12, 2024	June 15, 2024

Nitrogen applied	Pounds N/ A		
Fall	0	30	30
Spring	120	85	110

Latitude	38.8975556	38.5156111	37.8757121
Longitude	-88.8575833	-89.8435833	-89.1493338

Table 8. Results of the 2024 wheat variety trial at Hampshire, in north central Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield Rank 1 to 79	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
							2023-24 bu/ac	2021-23 bu/ac
AgriMAXX	498	G	141.2	53	58.3	36.1	144.8	
AgriMAXX	503	G	141.9	45	58.9	32.9	148.7	140.6
AgriMAXX	505	G	145.8	24	60.2	32.6	150.3	144.4
AgriMAXX	513	G	140.0	60	58.9	33.8	143.5	135.8
AgriMAXX	516	G	148.1	13	57.7	32.6	150.9	144.8
AgriMAXX	525	G	142.2	44	58.4	32.5	147.2	143.4
AgriMAXX	531	G	132.4	76	59.8	34.9	135.9	
AgriMAXX	545	G	153.0	3	56.6	33.0		
AgriMAXX	EXP 2314	G	143.5	37	58.0	35.5		
AgriMAXX	EXP 2405	G	146.4	19	57.9	32.6		
AgriPro	GP 305	C	148.2	12	56.1	32.8		
AgriPro	GP 381	C	133.3	73	57.3	31.8		
AgriPro	GP 463	C	143.5	36	58.3	34.1		
AgriPro	GP 543	C	137.3	68	58.9	34.7		
AgriPro	GP 747	C	151.2	5	54.9	35.6		
Albert Lea Seed	801	none	145.9	23	58.8	34.6	150.4	144.5
American Orgainc	Erisman AM	none	126.5	79	60.6	32.8	129.7	124.6
Baird Seed	BW-322		133.2	74	61.0	37.9		
Bio-Town Seeds	D423W	C	141.2	52	57.3	33.7	146.9	
Bio-Town Seeds	D506W	C	143.8	34	57.9	31.3		
Bio-Town Seeds	DXW2320	C	141.5	48	57.6	32.2		
Bio-Town Seeds	DXW2324	C	143.6	35	58.1	32.1		
DeRaedt	DeRaedt 47	C	140.2	57	60.0	33.8	145.0	141.1
Dyna-Gro	9120	G	141.4	49	60.9	33.8	144.3	142.6
Dyna-Gro	9151	G	137.9	67	59.9	33.2	143.9	138.1
Dyna-Gro	9172	G	138.4	66	57.9	32.8	145.7	141.7
Dyna-Gro	9231	G	147.4	16	59.1	33.9	151.3	
Dyna-Gro	9290	G	144.3	29	59.3	34.2	146.9	
Dyna-Gro	9393	G	143.9	33	58.9	31.7		
Dyna-Gro	9422	G	151.7	4	58.2	34.5	154.7	
Dyna-Gro	9533	G	135.5	70	55.1	32.2		
Dyna-Gro	9542	G	148.3	11	57.6	31.8		
Dyna-Gro	9551	G	150.9	7	56.4	33.3		
Dyna-Gro	9553	G	146.7	18	58.0	32.6		
Dyna-Gro	9570	G	140.8	54	57.3	34.6		
Dyna-Gro	9593	G	144.0	31	57.6	33.8		
FS InSPIRE	FS 597	G	143.9	32	59.6	35.3	145.8	141.3
FS InSPIRE	FS 600	G	146.0	22	59.5	33.0	149.6	144.6
FS InSPIRE	FS 606	G	133.3	72	61.7	36.4	136.3	
FS InSPIRE	FS 617	G	144.3	28	58.2	33.1	150.0	
FS InSPIRE	FS 624	G	146.1	21	60.3	35.0	145.4	140.1
FS InSPIRE	FS 743	G	146.2	20	59.6	35.1		
FS InSPIRE	FS 745	G	143.3	38	57.8	32.9	148.5	143.9
FS InSPIRE	FS WX24A	G	141.5	47	59.1	32.8		
FS InSPIRE	FS WX24B	G	138.8	64	58.6	34.8		
FS InSPIRE	FS WX24C	G	154.9	2	58.7	31.4		
Green Valley Seed	GV 604	C	140.2	56	58.9	34.2		
Green Valley Seed	GV 6124X	C	148.0	14	57.1	33.8		
Green Valley Seed	GV 6224X	C	142.6	41	58.0	32.4		
Green Valley Seed	GV 624	C	142.6	40	59.3	34.4		
Green Valley Seed	GV 6324X	C	149.3	9	57.8	31.5		
Green Valley Seed	GV 652	C	142.5	42	59.5	33.7	144.0	140.1
Kennell	2342	G	136.9	69	61.4	33.6		
Kennell	2413	G	142.3	43	58.1	32.3		
Kennell	2418	G	133.3	71	60.9	33.1		
Kennell	2422	G	128.1	78	59.7	33.8		
Kitchen Seed	KSC 420W	G	138.5	65	59.7	30.9		
Kitchen Seed	KSC 423	G	132.4	75	61.8	38.1	136.1	
Kratz Farms LLC	KF 667	F	139.2	62	60.6	32.3	142.0	136.5
Kratz Farms LLC	KF 809	F	145.5	26	59.6	32.7	147.6	142.7
Kratz Farms LLC	KF 819	F	143.1	39	56.1	32.2		
Kratz Farms LLC	KF 831	F	139.2	61	58.2	32.0		
Kratz Farms LLC	KF 849	F	141.3	50	60.2	34.2		
Kratz Farms LLC	KF 883	F	149.8	8	58.5	31.8		
Kratz Farms LLC	KF 898	F	139.1	63	58.9	35.3		
KWS Cereals USA	KWS490	C	156.0	1	58.7	31.1		
KWS Cereals USA	KWS500	C	145.7	25	57.6	31.7		
KWS Cereals USA	KWS501	C	146.9	17	57.8	32.6		
KWS Cereals USA	KWS508	C	147.4	15	58.2	32.7		
KWS Cereals USA	KWS525	C	150.9	6	59.4	31.5		
KWS Cereals USA	KWS529	C	148.8	10	56.2	33.2		
Langdon Brothers See	LB1936	F	132.1	77	57.1	34.6	135.0	
Martin Seed	M20		141.2	51	59.1	34.1	143.3	
Martin Seed	M22		140.1	59	60.1	33.7	145.1	
Pioneer	25R65	C	144.1	30	57.0	32.5	143.4	
Pioneer	25R74	C	140.1	58	56.5	31.6	143.4	137.0
Pioneer	25R76	C	141.7	46	57.9	33.2	147.4	143.2
Virginia Tech	16VDH-SRW03-023		145.2	27	57.6	34.5	152.3	
Virginia Tech	VA19FHB-36		140.6	55	59.7	35.8	147.0	
	Trial Mean		142.6		58.6	33.4		
	CV		3.9		0.8	3.2		
	LSD		5.9		0.6	1.4		

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

Table 6. Results of the 2024 wheat variety trial at Perry, in western Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield Rank 1 to 79	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
							2023-24 bu/ac	2022-24 bu/ac
AgriMAXX	498	G	58.9	72	48.8	36.5	77.1	
AgriMAXX	503	G	61.6	62	52.5	34.1	75.2	80.6
AgriMAXX	505	G	66.5	38	56.2	34.2	78.3	84.6
AgriMAXX	513	G	66.4	39	55.4	35.0	84.7	90.4
AgriMAXX	516	G	65.1	46	54.6	34.5	80.2	79.4
AgriMAXX	525	G	68.8	32	52.8	34.7	85.1	86.6
AgriMAXX	531	G	65.5	44	55.4	35.1	77.2	
AgriMAXX	545	G	72.2	22	52.7	35.6		
AgriMAXX	EXP 2314	G	65.5	43	51.4	35.7		
AgriMAXX	EXP 2405	G	72.6	21	53.8	36.8		
AgriPro	GP 305	C	61.3	65	51.4	32.6		
AgriPro	GP 381	C	73.5	16	56.8	31.9		
AgriPro	GP 463	C	61.3	64	52.5	33.0		
AgriPro	GP 543	C	77.4	4	53.1	35.5		
AgriPro	GP 747	C	59.4	70	48.8	36.2		
Albert Lea Seed	801	none	70.5	27	56.0	37.2	84.3	88.5
American Organic	Erisman AM	none	66.0	41	57.8	34.5	72.8	73.9
Baird Seed	BW-322		60.6	67	57.9	40.7		
Bio-Town Seeds	D423W	C	68.3	35	53.4	34.3	83.3	
Bio-Town Seeds	D506W	C	53.0	78	48.6	34.7		
Bio-Town Seeds	DXW2320	C	73.9	15	54.7	33.9		
Bio-Town Seeds	DXW2324	C	64.6	49	52.3	35.0		
DeRaedt	DeRaedt 47	C	62.3	56	54.3	35.2	77.3	83.5
Dyna-Gro	9120	G	74.0	12	57.4	33.8	83.9	85.7
Dyna-Gro	9151	G	70.3	29	54.4	35.5	84.5	86.2
Dyna-Gro	9172	G	65.0	48	53.5	34.2	82.9	80.8
Dyna-Gro	9231	G	75.1	10	55.7	37.7	86.5	
Dyna-Gro	9290	G	72.1	24	55.5	35.0	83.1	
Dyna-Gro	9393	G	73.4	17	54.3	33.1		
Dyna-Gro	9422	G	60.2	68	51.0	34.8	83.0	
Dyna-Gro	9533	G	66.0	40	50.0	31.3		
Dyna-Gro	9542	G	73.9	14	53.3	36.1		
Dyna-Gro	9551	G	69.3	30	53.7	32.8		
Dyna-Gro	9553	G	66.9	36	52.4	32.5		
Dyna-Gro	9570	G	61.9	61	52.0	35.0		
Dyna-Gro	9593	G	73.1	19	53.5	34.0		
FS InSPIRE	FS 597	G	78.7	3	55.7	36.6	86.6	86.8
FS InSPIRE	FS 600	G	68.9	31	55.8	35.5	85.1	90.0
FS InSPIRE	FS 606	G	62.7	54	57.8	34.7	72.0	
FS InSPIRE	FS 617	G	73.3	18	55.6	34.1	85.1	
FS InSPIRE	FS 624	G	64.0	51	53.8	36.3	82.8	84.5
FS InSPIRE	FS 743	G	75.0	11	55.6	36.1		
FS InSPIRE	FS 745	G	75.1	9	54.2	34.9	89.4	84.3
FS InSPIRE	FS WX24A	G	68.6	34	54.8	32.7		
FS InSPIRE	FS WX24B	G	62.9	53	52.7	34.1		
FS InSPIRE	FS WX24C	G	73.9	13	55.5	32.8		
Green Valley Seed	GV 604	C	76.5	5	55.7	35.9		
Green Valley Seed	GV 6124X	C	63.7	52	52.2	34.1		
Green Valley Seed	GV 6224X	C	70.3	28	53.0	33.9		
Green Valley Seed	GV 624	C	75.6	8	55.7	36.1		
Green Valley Seed	GV 6324X	C	70.5	26	52.6	36.3		
Green Valley Seed	GV 652	C	64.4	50	55.7	35.0	81.5	85.8
Kennell	2342	G	58.4	73	52.2	32.8		
Kennell	2413	G	61.9	60	53.0	32.1		
Kennell	2418	G	62.0	59	55.9	32.6		
Kennell	2422	G	59.1	71	53.1	36.9		
Kitchen Seed	KSC 420W	G	65.1	45	53.2	34.2		
Kitchen Seed	KSC 423	G	62.4	55	58.2	35.1	71.4	
Kratz Farms LLC	KF 667	F	65.0	47	55.4	34.1	74.9	79.5
Kratz Farms LLC	KF 809	F	68.6	33	54.3	32.8	83.7	83.7
Kratz Farms LLC	KF 819	F	57.1	75	49.3	32.0		
Kratz Farms LLC	KF 831	F	66.5	37	52.5	32.3		
Kratz Farms LLC	KF 849	F	62.2	57	50.9	34.9		
Kratz Farms LLC	KF 883	F	85.2	1	55.9	32.9		
Kratz Farms LLC	KF 898	F	71.8	25	53.7	37.0		
KWS Cereals USA	KWS490	C	82.8	2	56.5	33.1		
KWS Cereals USA	KWS500	C	56.5	76	51.9	33.4		
KWS Cereals USA	KWS501	C	56.3	77	49.7	34.1		
KWS Cereals USA	KWS508	C	61.5	63	50.6	35.1		
KWS Cereals USA	KWS525	C	59.4	69	52.3	33.5		
KWS Cereals USA	KWS529	C	65.9	42	51.1	35.3		
Langdon Brothers Seed	LB1936	F	48.1	79	51.1	31.8	59.2	
Martin Seed	M20		57.5	74	52.4	34.2	64.2	
Martin Seed	M22		61.0	66	53.8	36.0	79.6	
Pioneer	25R65	C	62.0	58	51.7	33.1	78.5	
Pioneer	25R74	C	72.1	23	55.6	33.5	81.2	89.6
Pioneer	25R76	C	76.3	6	56.3	34.8	86.8	94.1
Virginia Tech	16VDH-SRW03-023		72.6	20	54.0	35.6	85.2	
Virginia Tech	VA19FHB-36		76.0	7	58.4	37.4	86.9	
	Trial Mean		67.0		53.8	34.6		
	CV		7.9		2.0	3.7		
	LSD		6.4		1.2	1.7		

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

Table 7. Results of the 2024 wheat variety trial at Urbana, in east central Illinois.

Company	Variety	ST ¹	Yield	Yield Rank	Test wt.	Height	Maturity	Heading	Jointing	2-yr avg	3-yr avg
							date ²	date ³	time ⁴	2023-24	2021,23,24
			bu/ac	1 to 78	lb/bu	in.	days after earliest variety	days after earliest variety	category: E, M or L	bu/ac	bu/ac
AgriMAXX	503	G	98.3	32	54.4	41.7	1	3	M	111.3	108.5
AgriMAXX	505	G	94.4	49	55.6	40.6	4	3	M	107.7	104.6
AgriMAXX	513	G	102.8	17	56.7	40.1	4	1	L	111.7	108.5
AgriMAXX	516	G	94.6	48	54.5	38.1	5	2	L	107.9	107.6
AgriMAXX	525	G	89.8	63	54.9	38.1	5	4	L	101.1	
AgriMAXX	531	G	106.8	8	58.2	41.3	2	1	L	116.5	
AgriMAXX	545	G	86.2	71	52.6	39.0	5	3	M		
AgriMAXX	EXP 2314	G	80.3	77	51.3	39.7	5	4	M		
AgriMAXX	EXP 2405	G	92.2	58	55.0	40.1	5	4	M		
AgriPro	GP 305	C	94.2	50	51.7	37.9	2	0	M		
AgriPro	GP 381	C	108.8	5	55.7	37.5	0	0	M		
AgriPro	GP 463	C	78.4	78	51.9	40.1	2	2	M		
AgriPro	GP 543	C	101.6	24	53.2	41.3	1	1	M		
AgriPro	GP 747	C	85.6	73	48.9	40.9	4	3	M		
Albert Lea Seed	801	none	95.0	45	55.0	40.7	4	1	M	107.1	
American Organic	Erisman AM	none	93.1	56	56.5	39.9	0	0	M	103.5	101.4
Baird Seed	BW-322		86.8	69	57.7	46.3	3	1	M		
Bio-Town Seeds	D423W	C	94.7	47	52.6	40.7	3	2	M	108.5	
Bio-Town Seeds	D506W	C	84.0	74	51.3	38.4	5	3	L		
Bio-Town Seeds	DXW2320	C	102.3	19	55.6	40.1	4	2	M		
Bio-Town Seeds	DXW2324	C	104.2	14	55.1	38.8	5	4	M		
DeReadt	DeReadt 47	C	92.0	59	56.1	41.3	4	3	M	105.1	101.8
Dyna-Gro	9120	G	98.4	31	57.2	40.3	4	2	M	108.8	109.9
Dyna-Gro	9151	G	94.0	52	56.0	39.5	3	4	M	106.8	107.0
Dyna-Gro	9172	G	87.8	67	53.7	38.7	3	3	M	102.7	102.4
Dyna-Gro	9231	G	104.1	15	55.5	41.0	2	3	M	114.6	
Dyna-Gro	9290	G	101.2	25	54.5	42.3	3	2	E	112.0	
Dyna-Gro	9393	G	92.9	57	53.3	38.2	4	3	M		
Dyna-Gro	9422	G	93.7	54	53.5	40.5	4	4	M	109.0	
Dyna-Gro	9533	G	89.1	66	50.2	37.2	4	4	M		
Dyna-Gro	9542	G	93.4	55	54.4	40.5	4	4	M		
Dyna-Gro	9551	G	99.0	29	51.4	37.5	3	0	M		
Dyna-Gro	9553	G	100.5	26	55.1	37.7	4	4	M		
Dyna-Gro	9570	G	96.6	40	53.5	41.1	3	2	M		
Dyna-Gro	9593	G	98.5	30	55.2	38.4	4	3	M		
FS InSPIRE	FS 597	G	102.5	18	56.5	41.1	1	1	M	114.3	
FS InSPIRE	FS 600	G	97.7	33	56.8	41.6	3	3	M	110.6	108.2
FS InSPIRE	FS 606	G	106.5	9	60.1	43.8	1	3	L	117.6	
FS InSPIRE	FS 617	G	104.3	13	55.9	37.7	4	4	M	116.1	
FS InSPIRE	FS 624	G	82.7	75	52.8	42.3	5	3	M	98.1	
FS InSPIRE	FS 743	G	102.1	21	55.7	41.8	4	2	L		
FS InSPIRE	FS 745	G	94.8	46	54.7	39.3	4	2	M	108.4	
FS InSPIRE	FS WX24A	G	97.4	36	55.5	38.2	4	2	M		
FS InSPIRE	FS WX24B	G	117.2	1	56.5	40.0	4	2	M		
FS InSPIRE	FS WX24C	G	115.9	3	58.0	39.6	3	3	L		
Green Valley Seed	GV 604	C	103.7	16	56.6	40.2	4	2	M		
Green Valley Seed	GV 6124X	C	95.2	44	55.1	38.9	5	3	M		
Green Valley Seed	GV 6224X	C	97.1	37	54.5	36.6	5	5	M		
Green Valley Seed	GV 624	C	101.6	23	55.3	42.2	3	1	E		
Green Valley Seed	GV 6324X	C	95.6	42	54.4	39.6	4	4	M		
Green Valley Seed	GV 652	C	97.5	34	56.3	39.4	4	2	L	108.7	
Kennell	2342	G	96.3	41	53.0	39.3	4	3	L		
Kennell	2413	G	95.3	43	53.8	37.5	3	2	M		
Kennell	2418	G	99.2	28	57.6	39.6	1	1	M		
Kennell	2422	G	106.9	7	54.3	44.1	2	1	M		
Kitchen Seed	KSC 420W	G	89.8	62	52.6	42.1	2	2	M		
Kitchen Seed	KSC 423	G	108.4	6	59.8	43.5	2	1	L	117.0	
Kratz Farms LLC	KF 667	F	93.7	53	54.5	39.8	0	0	M	106.6	104.3
Kratz Farms LLC	KF 809	F	86.5	70	51.1	38.4	4	1	E	102.6	105.3
Kratz Farms LLC	KF 819	F	91.9	60	51.2	36.4	5	4	M		
Kratz Farms LLC	KF 831	F	97.0	38	53.6	38.4	4	1	E		
Kratz Farms LLC	KF 849	F	102.2	20	54.2	39.8	4	2	L		
Kratz Farms LLC	KF 883	F	115.9	2	57.4	39.6	4	4	M		
Kratz Farms LLC	KF 898	F	104.4	12	55.3	40.2	4	5	M		
KWS Cereals USA	KWS490	C	114.9	4	57.8	39.5	4	2	M		
KWS Cereals USA	KWS500	C	91.2	61	53.7	38.7	5	2	M		
KWS Cereals USA	KWS501	C	89.6	64	52.8	39.7	4	3	M		
KWS Cereals USA	KWS508	C	87.3	68	51.7	40.7	3	4	M		
KWS Cereals USA	KWS525	C	82.3	76	52.1	38.7	5	3	L		
KWS Cereals USA	KWS529	C	97.4	35	50.3	41.3	3	2	M		
Langdon Brothers See	LB1936	F	85.6	72	51.5	39.0	1	0	M	97.0	
Martin Seed	M20		96.7	39	54.8	42.3	1	3	M	109.7	
Martin Seed	M22		89.2	65	55.4	40.8	4	3	M	103.2	
Pioneer	25R65	C	94.1	51	52.8	39.1	4	4	M	106.0	
Pioneer	25R74	C	105.2	11	55.8	38.0	3	2	M	115.5	111.9
Pioneer	25R76	C	99.3	27	55.2	40.2	3	0	M	110.9	
Virginia Tech	16VDH-SRW03-023		106.1	10	54.1	40.2	2	1	M	117.6	
Virginia Tech	VA19FHB-36		101.8	22	57.3	40.8	3	2	M	112.6	
Trial Mean			96.7		54.5	40.0					
CV			3.5		1.7	3.0	0.6	0.6			
LSD			3.8		1.1	1.6	1.3	1			

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

²Varieties were evaluated for the date when they reached maturity. The maturity date relative to the earliest variety, Erisman, is reported. Higher values mean later maturity and lower values mean earlier maturity. A value of zero indicates that the variety matured at the same time as Erisman.

³Varieties were evaluated for the date when heads emerged. The heading date relative to the earliest variety, Erisman, is reported. Higher values mean later heading and lower values mean earlier heading. A value of zero indicates that the variety headed at the same time as Erisman.

⁴Varieties were evaluated for the timing of jointing and classified in to categories: E= early, M=medium, L=Late. Jointing begins at Feekes growth stage 6 and marks the beginning of more rapid growth and increased vulnerability freeze damage. Varieties that are classified as E, jointed at a time when hard freezes are probable. Varieties that are classified as M, jointed at a time when hard freezes are possible, but unlikely. Varieties classified as L, jointed at a time when hard freezes are highly unlikely.

Table 5. Results of the 2024 wheat variety trial at St Peter, in south central Illinois.

Company	Variety	ST ¹	Yield	Yield Rank	Test wt.	Height	Maturity date ²	Jointing time ³	2-yr avg	3-yr avg
									2023-24	2022-24
			bu/ac	1 to 63	lb/bu	in.	days after earliest variety	category: E, M or L	bu/ac	bu/ac
AgriMAXX	503	G	114.3	24	56.7	34.4	4	M	105.2	107.2
AgriMAXX	505	G	106.0	49	58.1	36.2	5	M	101.9	104.6
AgriMAXX	513	G	110.6	41	57.5	35.0	4	L	101.6	104.4
AgriMAXX	514	G	102.1	56	55.1	36.6	7	M	99.4	104.4
AgriMAXX	516	G	115.3	21	58.0	35.9	6	M		
AgriMAXX	525	G	116.9	16	57.0	34.1	6	M	105.0	109.8
AgriMAXX	545	G	123.8	2	56.9	35.5	6	M		
AgriMAXX	EXP 2312	G	106.7	47	57.3	33.1	7	M		
AgriMAXX	EXP 2314	G	115.0	22	56.7	34.1	6	M		
AgriMAXX	EXP 2405	G	111.7	36	55.5	35.0	8	M		
AgriPro	GP 305	C	91.8	62	53.9	33.2	2	M		
AgriPro	GP 381	C	115.4	20	57.7	32.9	3	M		
AgriPro	GP 463	C	109.6	42	57.2	33.1	4	M		
AgriPro	GP 543	C	106.0	48	56.2	33.7	5	M		
AgriPro	GP 747	C	104.0	54	52.7	36.7	8	M		
American Organic	Erisman AM	none	102.7	55	59.4	35.5	0	M		
Baird Seed	BW-322		111.2	38	59.9	39.8	4	M		
Bio-Town Seeds	D423W	C	118.7	11	57.0	35.2	3	M		
Bio-Town Seeds	D506W	C	111.0	39	55.1	34.3	7	M		
Bio-Town Seeds	DXW2320	C	114.2	26	57.1	36.1	7	M		
Bio-Town Seeds	DXW2324	C	121.3	5	55.8	32.9	8	L		
Bio-Town Seeds	DXW2325	C	118.2	12	56.2	35.4	6	M		
Dyna-Gro	9120	G	104.5	53	58.5	35.7	7	M	95.7	100.7
Dyna-Gro	9151	G	109.4	43	58.4	36.4	5	M	99.9	105.6
Dyna-Gro	9172	G	113.2	32	58.0	35.2	7	M	99.9	105.4
Dyna-Gro	9231	G	122.6	4	58.1	38.8	5	M	106.5	
Dyna-Gro	9290	G	105.3	51	58.1	35.9	0	E	95.7	
Dyna-Gro	9422	G	120.2	7	56.8	37.1	4	M	105.8	
Dyna-Gro	9533	G	127.7	1	55.7	30.9	6	M		
Dyna-Gro	9542	G	113.9	28	56.1	34.2	7	L		
Dyna-Gro	9551	G	111.5	37	56.1	34.1	3	M		
Dyna-Gro	9553	G	116.3	19	56.0	34.5	7	M		
Dyna-Gro	9570	G	117.6	13	56.6	35.8	3	L		
Dyna-Gro	9593	G	114.2	25	57.3	36.3	8	M		
FS InSPIRE	FS 597	G	105.3	50	58.2	35.5	1	E	98.2	102.2
FS InSPIRE	FS 600	G	114.0	27	58.4	35.7	5	M	103.6	106.6
FS InSPIRE	FS 606	G	117.0	14	59.9	35.0	5	M	102.3	
FS InSPIRE	FS 617	G	113.6	29	57.8	35.4	6	L	106.3	
FS InSPIRE	FS 624	G	102.0	57	57.3	37.7	4	M	97.9	104.0
FS InSPIRE	FS 743	G	118.8	10	58.2	36.9	2	M		
FS InSPIRE	FS 745	G	116.9	15	58.0	34.3	7	M	100.4	104.2
FS InSPIRE	FS WX24A	G	104.6	52	57.0	33.4	5	M		
FS InSPIRE	FS WX24B	G	113.5	31	56.2	35.7	6	M		
FS InSPIRE	FS WX24C	G	119.6	8	58.0	33.6	8	M		
Hoffman Seed House	H7W21	C	114.8	23	56.0	33.7	4	E	103.2	108.7
Hoffman Seed House	H7W24	C	92.0	61	59.9	33.8	2	E		
Hoffman Seed House	H7W30	C	99.3	58	55.1	36.4	8	E	95.9	99.2
Kitchen Seed	KSC 420W	G	92.5	60	54.1	34.4	7	E		
Kitchen Seed	KSC 423	G	119.1	9	60.2	35.1	4	L	103.8	
KWS Cereals USA	KWS397	C	121.2	6	56.4	36.1	3	E		
KWS Cereals USA	KWS490	C	116.5	18	57.6	32.1	7	M	104.7	
KWS Cereals USA	KWS500	C	112.2	34	57.1	33.1	6	E		
KWS Cereals USA	KWS501	C	110.9	40	55.6	33.9	8	M		
KWS Cereals USA	KWS525	C	91.5	63	54.6	33.8	9	M		
KWS Cereals USA	KWS527	C	113.5	30	56.9	36.1	8	M		
KWS Cereals USA	KWS529	C	106.8	46	54.5	34.7	5	E		
KWS Cereals USA	KWS542	C	116.6	17	58.5	37.2	6	M		
KWS Cereals USA	KWS543	C	111.7	35	56.7	35.1	7	M		
Pioneer	25R65	C	123.5	3	56.1	35.3	5	M	110.0	
Pioneer	25R74	C	108.6	45	56.4	33.5	6	M	94.2	98.8
Pioneer	25R76	C	108.9	44	57.2	35.5	5	M	102.5	105.8
Virginia Tech	16VDH-SRW03-023		112.3	33	56.6	34.6	3	M	95.0	
Virginia Tech	VA19FHB-36		95.6	59	58.3	36.0	5	E	91.9	
Trial Mean			111.4		57.0	35.0	5			
CV			4.1		1.1	2.6	1			
LSD			5.8		0.7	1.2	2.4			

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

²Varieties were evaluated for the date when they reached maturity. The maturity date relative to the earliest variety, Erisman, is reported. Higher values mean later maturity and lower values mean earlier maturity. A value of zero indicates that the variety matured at the same time as Erisman.

³Varieties were evaluated for the timing of jointing and classified in to categories: E= early, M=medium, L=Late. Jointing begins at Feekes growth stage 6 and marks the beginning of more rapid growth and increased vulnerability freeze damage. Varieties that are classified as E, jointed at a time when hard freezes are probable. Varieties that are classified as M, jointed at a time when hard freezes are possible, but unlikely. Varieties classified as L, jointed at a time when hard freezes are highly unlikely.

Table 4. Results of the 2024 wheat variety trial at Belleville, in far southwestern Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield Rank 1 to 62	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
							2023-24 bu/ac	2021, 23, 24 bu/ac
AgriMAXX	503	G	**	**	54.2	35.2		
AgriMAXX	505	G	89.4	21	55.9	36.1	91.4	89.3
AgriMAXX	513	G	93.8	5	54.8	36.6	95.7	91.7
AgriMAXX	514	G	93.1	6	54.3	35.6	98.1	96.8
AgriMAXX	516	G	89.9	17	55.4	36.9		
AgriMAXX	525	G	86.3	32	54.6	36.0	91.8	
AgriMAXX	545	G	86.4	30	53.4	35.8		
AgriMAXX	EXP 2312	G	82.3	40	54.0	34.7		
AgriMAXX	EXP 2314	G	83.5	37	53.7	36.0		
AgriMAXX	EXP 2405	G	89.6	19	54.4	36.3		
AgriPro	GP 305	C	73.4	60	50.9	33.9		
AgriPro	GP 381	C	87.3	28	55.8	33.6		
AgriPro	GP 463	C	92.6	7	54.8	34.9		
AgriPro	GP 543	C	81.7	41	53.1	37.6		
AgriPro	GP 747	C	80.3	46	50.7	36.2		
American Orgainc	Erismam AM	none	78.2	53	56.5	36.2		
Baird Seed	BW-322		80.1	48	57.4	41.4		
Bio-Town Seeds	D423W	C	91.1	14	53.2	36.4		
Bio-Town Seeds	D506W	C	76.0	57	50.9	36.4		
Bio-Town Seeds	DXW2320	C	83.8	36	54.0	35.7		
Bio-Town Seeds	DXW2324	C	78.4	51	52.7	34.2		
Bio-Town Seeds	DXW2325	C	89.4	20	53.9	35.2		
Dyna-Gro	9120	G	88.9	22	56.5	35.3	91.8	91.1
Dyna-Gro	9151	G	90.2	16	55.9	37.1	89.1	85.6
Dyna-Gro	9172	G	88.6	24	55.5	37.2	88.0	87.7
Dyna-Gro	9231	G	92.0	10	55.0	38.2	92.4	
Dyna-Gro	9290	G	84.9	35	55.7	38.5		
Dyna-Gro	9422	G	93.9	3	53.7	36.3	98.7	
Dyna-Gro	9533	G	87.5	27	53.2	32.8		
Dyna-Gro	9542	G	88.8	23	54.4	35.5		
Dyna-Gro	9551	G	93.8	4	52.7	34.3		
Dyna-Gro	9553	G	83.3	38	53.3	33.8		
Dyna-Gro	9570	G	92.4	8	53.8	36.8		
Dyna-Gro	9593	G	80.1	47	54.2	36.7		
FS InSPIRE	FS 597	G	91.7	11	55.6	36.9		
FS InSPIRE	FS 600	G	91.4	13	56.0	37.4	93.3	91.9
FS InSPIRE	FS 606	G	70.6	62	56.8	35.2	79.2	
FS InSPIRE	FS 617	G	78.0	55	54.5	35.7	82.3	
FS InSPIRE	FS 624	G	80.9	44	55.2	39.9	89.4	
FS InSPIRE	FS 743	G	92.2	9	55.5	37.9		
FS InSPIRE	FS 745	G	98.9	1	55.7	36.4	99.8	
FS InSPIRE	FS WX24A	G	85.9	33	53.6	34.1		
FS InSPIRE	FS WX24B	G	82.6	39	52.3	34.5		
FS InSPIRE	FS WX24C	G	90.9	15	55.0	33.9		
Hoffman Seed House	H7W21	C	88.1	25	53.0	35.2	93.0	
Hoffman Seed House	H7W24	C	75.0	59	58.1	34.2		
Hoffman Seed House	H7W30	C	78.0	54	52.1	36.1	84.1	90.0
Kitchen Seed	KSC 420W	G	78.4	50	52.2	35.8		
Kitchen Seed	KSC 423	G	75.5	58	57.2	36.5	77.0	
KWS Cereals USA	KWS397	C	86.8	29	54.6	28.1		
KWS Cereals USA	KWS490	C	96.2	2	55.2	33.7	94.3	
KWS Cereals USA	KWS500	C	79.9	49	54.2	34.5		
KWS Cereals USA	KWS501	C	78.3	52	53.4	34.8		
KWS Cereals USA	KWS525	C	81.5	42	52.4	35.0		
KWS Cereals USA	KWS527	C	87.9	26	54.3	35.8		
KWS Cereals USA	KWS529	C	70.9	61	51.0	33.3		
KWS Cereals USA	KWS542	C	91.4	12	55.6	38.0		
KWS Cereals USA	KWS543	C	81.4	43	54.4	33.8		
Pioneer	25R65	C	86.3	31	52.1	36.2	94.3	
Pioneer	25R74	C	89.8	18	53.4	33.6	95.0	90.4
Pioneer	25R76	C	80.3	45	53.6	35.0	90.1	
Virginia Tech	16VDH-SRW03-023		85.6	34	52.7	36.1	84.9	
Virginia Tech	VA19FHB-36		77.0	56	55.4	37.4	82.9	
	Trial Mean		85.2		54.2	35.7		
	CV		5.4		0.9	6.7		
	LSD		6.3		0.7	3.1		

.- Varieties missing due to deer feeding

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

Table 3. Results of the 2024 wheat variety trial at Elkhart, in far southcentral Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
				Rank 1 to 62			2023-24 bu/ac	2022-24 bu/ac
AgriMAXX	503	G	##	##	##	33.2		
AgriMAXX	505	G	114.5	52	58.8	30.7	122.6	123.2
AgriMAXX	513	G	127.7	5	58.3	30.3	135.9	128.1
AgriMAXX	514	G	117.3	33	56.4	31.9	126.0	126.4
AgriMAXX	516	G	114.6	50	56.9	30.8		
AgriMAXX	525	G	121.9	20	56.9	30.3	129.5	124.4
AgriMAXX	545	G	126.2	8	56.2	30.9		
AgriMAXX	EXP 2312	G	117.2	34	58.3	28.2		
AgriMAXX	EXP 2314	G	119.3	30	56.9	31.5		
AgriMAXX	EXP 2405	G	122.9	18	56.6	30.4		
AgriPro	GP 305	C	115.0	48	55.1	28.3		
AgriPro	GP 381	C	115.4	43	56.4	26.7		
AgriPro	GP 463	C	110.6	59	55.6	29.4		
AgriPro	GP 543	C	115.1	46	55.9	30.1		
AgriPro	GP 747	C	116.4	38	55.5	32.9		
American Organic	Erisman AM	none	100.2	61	57.8	29.8		
Baird Seed	BW-322		120.8	23	58.3	33.7		
Bio-Town Seeds	D423W	C	123.7	13	55.9	32.1		
Bio-Town Seeds	D506W	C	115.3	45	55.5	31.6		
Bio-Town Seeds	DXW2320	C	117.9	31	56.6	31.5		
Bio-Town Seeds	DXW2324	C	119.9	28	56.9	30.0		
Bio-Town Seeds	DXW2325	C	121.7	21	56.6	30.8		
Dyna-Gro	9120	G	112.9	55	58.7	30.7	121.1	119.3
Dyna-Gro	9151	G	120.0	26	58.4	31.2	127.6	122.7
Dyna-Gro	9172	G	119.9	27	57.3	31.8	123.1	117.1
Dyna-Gro	9231	G	124.9	11	58.2	33.1	131.5	
Dyna-Gro	9290	G	113.1	54	57.0	31.0	121.7	
Dyna-Gro	9422	G	122.9	17	56.1	32.5	133.1	
Dyna-Gro	9533	G	129.1	3	55.4	28.1		
Dyna-Gro	9542	G	124.6	12	56.9	31.0		
Dyna-Gro	9551	G	117.5	32	55.1	29.2		
Dyna-Gro	9553	G	126.2	7	56.2	31.1		
Dyna-Gro	9570	G	127.8	4	56.1	31.8		
Dyna-Gro	9593	G	125.5	9	56.8	30.8		
FS InSPIRE	FS 597	G	112.5	56	57.7	31.5	121.4	118.7
FS InSPIRE	FS 600	G	120.6	24	58.5	32.3	128.7	125.2
FS InSPIRE	FS 606	G	115.3	44	59.8	31.7	123.6	
FS InSPIRE	FS 617	G	125.2	10	57.9	33.6	131.4	
FS InSPIRE	FS 624	G	123.1	16	57.7	32.9	128.2	123.1
FS InSPIRE	FS 743	G	122.2	19	58.7	35.8		
FS InSPIRE	FS 745	G	123.6	14	57.9	32.2	127.8	115.8
FS InSPIRE	FS WX24A	G	116.7	37	58.3	30.1		
FS InSPIRE	FS WX24B	G	104.6	60	54.4	30.1		
FS InSPIRE	FS WX24C	G	126.8	6	56.9	29.3		
Hoffman Seed House	H7W21	C	120.2	25	54.6	29.2	131.4	126.5
Hoffman Seed House	H7W24	C	97.5	62	58.6	27.9		
Hoffman Seed House	H7W30	C	116.2	40	55.9	29.4	125.0	111.8
Kitchen Seed	KSC 420W	G	114.5	51	55.5	29.3		
Kitchen Seed	KSC 423	G	116.3	39	60.2	31.6	123.8	
KWS Cereals USA	KWS397	C	123.5	15	55.5	31.4		
KWS Cereals USA	KWS490	C	131.2	1	57.3	30.6	138.2	
KWS Cereals USA	KWS500	C	110.9	58	57.0	29.4		
KWS Cereals USA	KWS501	C	115.8	42	56.9	31.1		
KWS Cereals USA	KWS525	C	114.6	49	55.6	31.3		
KWS Cereals USA	KWS527	C	120.8	22	57.2	31.2		
KWS Cereals USA	KWS529	C	112.3	57	53.3	29.0		
KWS Cereals USA	KWS542	C	116.8	36	59.4	30.8		
KWS Cereals USA	KWS543	C	119.5	29	57.2	32.0		
Pioneer	25R65	C	130.0	2	55.4	32.4	138.4	
Pioneer	25R74	C	115.0	47	56.0	29.5	124.2	116.5
Pioneer	25R76	C	113.1	53	56.5	29.5	125.1	125.4
Virginia Tech	16VDH-SRW03-023		117.1	35	56.8	31.3	124.9	
Virginia Tech	VA19FHB-36		116.0	41	57.7	33.4	124.6	
	Trial Mean		118.5		56.9	30.9		
	CV		4.2		1	3.2		
	LSD		6.2		0.8	1.2		

##- Varieties missing due to deer feeding

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

Pest management is carried out by the cooperator at this site. In 2024 this included Trivapro fungicide and Warrior insecticide on April 15th, and Prosoaro fungicide and Warrior insecticide on May 4th.

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

<u>Origin</u>	<u>Variety</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	498	ML	S	E	MT	VG	S	I	I
AgriMAXX	503	ME	S	E	MT	G	I	MR	MR
AgriMAXX	505	M	B	VG	M	E	S	I	I
AgriMAXX	513	ME	B	E	M	E	R	R	MR
AgriMAXX	514	M	B	VG	M	G	S	R	MR
AgriMAXX	516	M/ML	B	E	M	VG	R	MR	MR
AgriMAXX	525	M	B	E	M	E	R	MR	MR
AgriMAXX	531	VE	S	VG	M	VG	S	I	I
AgriMAXX	545	M	B	E	M	E	S	I	MR
AgriMAXX	EXP 2312	M	B	E	M	E	S	I	MR
AgriMAXX	EXP 2314	ML	B	E	M	VG	S	I	MR
AgriMAXX	EXP 2405	M	B	E	M	VG	S	I	MR
AgriPro	GP 305	E	A	4	M	VG	S	I	I
AgriPro	GP 381	ME	S	4	M	E	S	R	I
AgriPro	GP 463	ME	S	3	M	G	S	I	I
AgriPro	GP 543	E	S	4	M	G	S	I	I
AgriPro	GP 747	ML	A	3	M	E	S	MS	I
American Organic	Erismen	E	S	E	T	VG		MR	
Albert Lea Seed	801		T		M	G			
Baird Seed	BW-322	E	S	E	M	VG	I	MR	MR
Bio-Town Seeds	D506W	ML	B	VG	M	VG	S	MR	MR
Bio-Town Seeds	D423W	ME	B	VG	M	G	NA	MS	NA
Bio-Town Seeds	DXW2320	M	B	NA	M	VG	NA	MR	MR
Bio-Town Seeds	DXW2324	M	B	NA	M	VG	NA	I	NA
Bio-Town Seeds	DXW2325	M	B	NA	M	G	NA	I	NA
DeRaedt	DeRaedt 47	ME	B	E	MT	E	S	I	MR
Dyna-Gro	9120	E	B	E	M	E		E	E
Dyna-Gro	9151	ME	B	E	M	E		E	E
Dyna-Gro	9172	M	B	E	M	E		E	E
Dyna-Gro	9231	ME	B	E	M	VG		E	E
Dyna-Gro	9290	E	B	E	M	E		E	E
Dyna-Gro	9393	ML	B	E	M	E		E	E
Dyna-Gro	9422	M	B	E	M	E		G	G
Dyna-Gro	9533	ML	S	E	M	E		E	E
Dyna-Gro	9542	M	B	E	M	E		E	E
Dyna-Gro	9551	ME	B	E	M	E		E	E
Dyna-Gro	9553	ML	B	E	M	E		E	E
Dyna-Gro	9570	E	B	E	M	E		E	E
Dyna-Gro	9593	ML	B	E	M	E		E	E
FS InSPIRE	FS 597	E	B	G	MT	VG	S	VG	VG
FS InSPIRE	FS 600	ME	B	G	M	E	S	G	VG
FS InSPIRE	FS 606	E	S	VG	MT	E	S	VG	VG
FS InSPIRE	FS 617	M	B	VG	M	E	S	VG	VG
FS InSPIRE	FS 624	M	S	VG	M	E	MR	VG	G
FS InSPIRE	FS 743	ME	B	VG	M	E	MR	VG	VG
FS InSPIRE	FS 745	M	B	VG	M	E	MR	G	G
FS InSPIRE	FS WX24A	M	B	VG	M	E	S	VG	VG
FS InSPIRE	FS WX24B	ME	S	VG	M	E	MR	VG	VG
FS InSPIRE	FS WX24C	M	B	VG	M	E	S	VG	VG
Green Valley Seed	GV 604	E	B	F	M	E	s	i	i
Green Valley Seed	GV 6124X	E	B	VG	M	E	s	i	i
Green Valley Seed	GV 6224X	ME	B	VG	M	VG	s	i	ms
Green Valley Seed	GV 624	M	B	VG	M	E	s	i	ms
Green Valley Seed	GV 6324X	ML	B	VG	M	VG	s	i	ms
Green Valley Seed	GV 652	ML	B	VG	M	E	s	i	ms
Hoffman Seed House	H7W21	ME	B	E	MS	E	I	S	I
Hoffman Seed House	H7W24	E	S	E	MT	G	I	I	I
Hoffman Seed House	H7W30	M	S	E	MT	G	I	I	MS
Kennell	2342	me	s	g	m	vg	s	i	i
Kennell	2413	me	t	vg	m	vg	i	r	ms
Kennell	2418	e	s	vg	s	e	i	r	i
Kennell	2422	e	s	e	m	vg	i	r	r
Kitchen Seed	KSC 420W	ME	S	VG	M	VG	R	R	R
Kitchen Seed	KSC 423	ME	S	VG	M	VG	R	R	R
Kratz Farms LLC	KF 667	ME	T	VG	M	E	I	R	R
Kratz Farms LLC	KF 809	ME	S	VG	MT	E	I	S	MR
Kratz Farms LLC	KF 819	M	S	VG	M	VG	I	R	R
Kratz Farms LLC	KF 831	E	S	VG	S	VG	I	I	I
Kratz Farms LLC	KF 849	ME	S	VG	M	VG	I	MR	I

<u>Origin</u>	<u>Variety</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>
Kratz Farms LLC	KF 883	M	B	VG	M	VG	I	MR	MR
Kratz Farms LLC	KF 898	M	S	VG	M	VG	I	R	I
KWS Cereals USA	KWS397	M	S	VG	M	VG		MS	
KWS Cereals USA	KWS490	M	A	VG	M	G		I	
KWS Cereals USA	KWS500	M	A	VG	M	VG		I	
KWS Cereals USA	KWS501	M	A	VG	M	VG		MS	
KWS Cereals USA	KWS508	ML	A	VG	M	VG		MS	
KWS Cereals USA	KWS525	M	A	E	M	VG		I	
KWS Cereals USA	KWS527	M	A	E	T	VG		I	
KWS Cereals USA	KWS529	M	T	VG	M	VG		I	
KWS Cereals USA	KWS542	ME	A	VG	T	VG		I	
KWS Cereals USA	KWS543	M	A	VG	M	VG		I	
Langdon Brothers Seed	LB1936	E	S	G	M	VG	R	MS	MR
Martin Seed	M20								
Martin Seed	M22	ME	B	VG	MT	VG	S	S	MS
Pioneer	25R65	ME	B	G	M	E	R	MS	---
Pioneer	25R74	E	B	G	S	G	R	I	---
Pioneer	25R76	ME	B	G	M	G	R	MS	---
Virginia Tech	16VDH-SRW03-023	M	S	G	M	G		R	
Virginia Tech	VA19FHB-36								

Codes:

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

Maturity: E = 2 or more

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