

Table 2. Northern Illinois regional wheat variety trial results, 2024

Company	Variety	ST <sup>1</sup>	Regional Average				Hampshire		Perry		Urbana				Fusarium Head Blight <sup>4</sup>	
			Yield	Test	wt.	Height	Yield	wt.	Yield	wt.	Yield	wt.	Maturity	Jointing	Score	Category
			bu/ac	1 to 79	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu	bu/ac	lb/bu	days after earliest variety	category: E, M or L	1 to 9	MR, M, MS, or S
AgriMAXX	498	G	92.0	77	54.0	38.0	141.2	58.3	58.9	48.8	82.7	49.9	4	E	3.9	M
AgriMAXX	503	G	101.8	41	55.7	36.2	141.9	58.9	61.6	52.5	98.3	54.4	1	M	3.1	MR
AgriMAXX	505	G	101.4	46	57.3	35.8	145.8	60.2	66.5	56.2	94.4	55.6	4	M	4.6	M
AgriMAXX	513	G	104.9	25	56.4	36.3	140.0	58.9	66.4	55.4	102.8	56.7	4	L	4.9	M
AgriMAXX	516	G	101.6	44	55.1	35.0	148.1	57.7	65.1	54.6	94.6	54.5	5	L	3.9	M
AgriMAXX	525	G	98.5	59	55.4	35.0	142.2	58.4	68.8	52.8	89.8	54.9	5	L	5.6	MS
AgriMAXX	531	G	105.4	23	57.3	37.2	132.4	59.8	65.5	55.4	106.8	58.2	2	L	1.6	MR
AgriMAXX	545	G	99.8	55	53.8	35.8	153.0	56.6	72.2	52.7	86.2	52.6	5	M	5.7	MS
AgriMAXX	EXP 2314	G	92.6	75	54.3	37.1	143.5	58.0	65.5	51.4	80.3	51.3	5	M	5.0	MS
AgriMAXX	EXP 2405	G	101.6	43	55.2	36.3	146.4	57.9	72.6	53.8	92.2	55.0	5	M	4.2	M
AgriPro	GP 305	C	100.6	49	53.1	34.5	148.2	56.1	61.3	51.4	94.2	51.7	2	M	7.6	S
AgriPro	GP 381	C	108.4	7	55.3	33.7	133.3	57.3	73.5	56.8	108.8	55.7	0	M	6.0	MS
AgriPro	GP 463	C	90.7	78	54.8	35.8	143.5	58.3	61.3	52.5	78.4	51.9	2	M	4.6	M
AgriPro	GP 543	C	106.1	18	55.6	37.2	137.3	58.9	77.4	53.1	101.6	53.2	1	M	5.4	MS
AgriPro	GP 747	C	96.0	70	51.4	37.6	151.2	54.9	59.4	48.8	85.6	48.9	4	M	6.8	MS
Albert Lea Seed	801	none	102.7	37	56.1	37.4	145.9	58.8	70.5	56.0	95.0	55.0	4	M	3.4	MR
American Organic	Erisman AM	none	96.5	67	57.9	35.7	126.5	60.6	66.0	57.8	93.1	56.5	0	M	3.0	MR
Baird Seed	BW-322	C	93.1	74	58.4	41.4	133.2	61.0	60.6	57.9	86.8	57.7	3	M	3.7	M
Bio-Town Seeds	D423W	C	101.1	47	54.4	36.3	141.2	57.3	68.3	53.4	94.7	52.6	3	M	3.7	M
Bio-Town Seeds	D506W	C	92.2	76	53.9	34.6	143.8	57.9	53.0	48.6	84.0	51.3	5	L	4.2	M
Bio-Town Seeds	DXW2320	C	106.7	15	55.2	35.4	141.5	57.6	73.9	54.7	102.3	55.6	4	M	4.2	M
Bio-Town Seeds	DXW2324	C	100.0	19	55.2	35.2	143.6	58.1	64.6	52.3	104.2	55.1	5	M	5.8	MS
DeRuedt	DeRuedt 47	C	97.9	60	57.0	36.7	140.2	60.0	62.3	54.3	92.0	56.1	4	M	4.1	M
Dyna-Gro	9120	G	104.4	28	58.2	36.0	141.4	60.9	74.0	57.4	98.4	57.2	4	M	5.1	MS
Dyna-Gro	9151	G	100.4	52	56.9	36.0	137.9	59.9	70.3	54.4	94.0	56.0	3	M	4.1	M
Dyna-Gro	9172	G	95.8	71	54.9	35.2	138.4	57.9	65.0	53.5	87.8	53.7	3	M	4.1	M
Dyna-Gro	9231	G	109.1	6	56.4	37.4	147.4	59.1	75.1	55.7	104.1	55.5	2	M	4.7	M
Dyna-Gro	9290	G	106.2	17	56.3	37.2	144.3	59.3	72.1	55.5	101.2	54.5	3	E	5.8	MS
Dyna-Gro	9393	G	101.8	40	55.7	34.3	143.9	58.9	73.4	54.3	92.9	53.3	4	M	8.0	S
Dyna-Gro	9422	G	100.9	48	54.9	36.7	151.7	58.2	60.2	51.0	93.7	53.5	4	M	5.5	MS
Dyna-Gro	9533	G	96.2	68	52.0	33.7	135.5	55.1	66.0	50.0	89.1	50.2	4	M	4.0	M
Dyna-Gro	9542	G	103.0	36	54.9	36.0	148.3	57.6	73.9	53.3	93.4	54.4	4	M	3.8	M
Dyna-Gro	9551	G	105.7	21	53.6	34.6	150.9	56.4	69.3	53.7	99.0	51.4	3	M	6.3	MS
Dyna-Gro	9553	G	105.1	24	55.1	34.4	146.7	58.0	66.9	52.4	100.5	55.1	4	M	5.8	MS
Dyna-Gro	9570	G	100.5	50	54.3	36.9	140.8	57.3	61.9	52.0	96.6	53.5	3	M	6.0	MS
Dyna-Gro	9593	G	104.8	26	55.0	35.4	144.0	57.6	73.1	53.5	98.5	55.2	4	M	4.3	M
FS InSPIRE	FS 597	G	108.3	8	56.9	37.7	143.9	59.6	78.7	55.7	102.5	56.5	1	M	4.6	M
FS InSPIRE	FS 600	G	103.8	30	56.9	36.6	146.0	59.5	68.9	55.8	97.7	56.8	3	M	5.4	MS
FS InSPIRE	FS 606	G	104.5	27	59.3	38.4	133.3	61.7	62.7	57.8	106.5	60.1	1	L	2.3	MR
FS InSPIRE	FS 617	G	108.2	9	55.8	35.0	144.3	58.2	73.3	55.6	104.3	55.9	4	M	5.7	MS
FS InSPIRE	FS 624	G	94.1	73	56.5	37.9	146.1	60.3	64.0	53.8	82.7	52.8	5	M	7.7	S
FS InSPIRE	FS 743	G	107.7	11	56.7	37.7	146.2	59.6	75.0	55.6	102.1	55.7	4	L	##	##
FS InSPIRE	FS 745	G	103.0	35	55.2	35.7	143.3	57.8	75.1	54.2	94.8	54.7	4	M	4.2	M
FS InSPIRE	FS WX24A	G	102.6	38	56.2	34.6	141.5	59.1	68.6	54.8	97.4	55.5	4	M	##	##
FS InSPIRE	FS WX24B	G	111.8	4	55.8	36.4	138.8	58.6	62.9	52.7	117.2	56.5	4	M	4.6	M
FS InSPIRE	FS WX24C	G	116.9	3	56.5	34.6	154.9	58.7	73.9	55.5	115.9	58.0	3	L	4.5	M
Green Valley Seed	GV 604	C	107.7	19	56.5	36.7	140.2	58.9	76.5	55.7	103.7	56.6	4	M	5.1	MS
Green Valley Seed	GV 6124X	C	101.7	42	54.5	35.6	148.7	57.1	63.7	52.2	95.2	55.1	5	M	5.7	MS
Green Valley Seed	GV 6224X	C	103.1	33	55.1	34.3	142.6	58.0	70.3	53.0	97.1	54.5	5	M	6.6	MS
Green Valley Seed	GV 624	C	106.8	14	56.5	37.5	142.6	59.3	75.6	57.7	101.6	55.3	3	E	4.7	M
Green Valley Seed	GV 6324X	C	103.7	31	54.9	35.6	149.3	57.8	70.5	52.6	95.6	54.4	4	M	4.0	M
Green Valley Seed	GV 652	C	102.0	39	56.8	36.0	142.5	59.5	64.4	55.7	97.5	56.3	4	L	4.5	M
Kennell	2342	G	98.8	58	57.2	35.4	136.9	61.4	58.4	52.2	96.3	53.0	4	L	5.5	MS
Kennell	2413	G	100.1	53	55.1	34.1	142.3	58.1	61.9	53.0	95.3	53.8	3	M	4.5	M
Kennell	2418	G	100.4	51	58.0	35.2	133.3	60.9	62.0	55.9	99.2	57.6	1	M	3.7	M
Kennell	2422	G	103.0	34	56.3	38.1	128.1	59.7	59.1	53.1	106.9	54.3	2	M	5.7	MS
Kitchen Seed	KSC 420W	G	96.9	64	56.0	35.6	138.5	59.7	65.1	53.2	89.8	52.6	2	M	4.2	M
Kitchen Seed	KSC 423	G	105.7	20	59.3	39.1	132.4	61.8	62.4	58.2	108.4	59.8	2	L	1.6	MR
Kratz Farms LLC	KF 667	F	99.3	57	57.3	35.4	139.2	60.6	65.0	55.4	93.7	54.5	0	M	4.4	M
Kratz Farms LLC	KF 809	F	97.4	61	55.9	34.7	145.5	59.6	68.6	54.3	86.5	51.1	4	E	7.6	S
Kratz Farms LLC	KF 819	F	97.2	63	52.7	33.6	143.1	56.1	57.1	49.3	91.9	51.2	5	M	4.7	M
Kratz Farms LLC	KF 831	F	101.5	45	55.0	34.3	139.2	58.2	66.5	52.5	97.0	53.6	4	E	3.9	M
Kratz Farms LLC	KF 849	F	103.8	29	56.4	36.3	141.3	60.2	62.2	50.9	102.2	54.2	4	L	5.4	MS
Kratz Farms LLC	KF 883	F	118.6	2	56.3	34.7	149.8	58.5	85.2	55.9	115.9	57.4	4	M	4.9	M
Kratz Farms LLC	KF 898	F	106.8	13	56.0	37.5	139.1	58.9	71.8	53.7	104.4	55.3	4	M	5.1	MS
KWS Cereals USA	KWS490	C	118.7	1	56.6	34.5	156.0	58.7	82.8	56.5	114.9	57.8	4	M	4.1	M
KWS Cereals USA	KWS500	C	97.2	62	54.6	34.6	145.7	57.6	56.5	51.9	91.2	53.7	5	M	5.5	MS
KWS Cereals USA	KWS501	C	96.6	65	54.3	35.5	146.9	57.8	56.3	49.7	89.6	52.8	4	M	4.7	M
KWS Cereals USA	KWS508	C	96.5	66	54.5	36.1	147.4	58.2	61.5	50.6	87.3	51.7	3	M	5.0	MS
KWS Cereals USA	KWS525	C	94.1	72	55.6	34.5	150.9	59.4	59.4	52.3	82.3	52.1	5	L	5.7	MS
KWS Cereals USA	KWS529	C	103.6	32	52.9	36.5	148.8	56.2	65.9	51.1	97.4	50.3	3	M	5.0	MS
Langdon Brothers Seed	LB1936	F	89.4	79	53.8	35.4	132.1	57.1	48.1	51.1	85.6	51.5	1	M	6.9	MS
Martin Seed	M20	G	99.6	56	55.9	36.9	141.2	59.1	57.5	52.4	96.7	54.8	1	M	4.2	M
Martin Seed	M22	G	96.0	69	56.9	36.8	140.1	60.1	61.0	53.8	89.2	55.4	4	M	4.3	M
Pioneer	25R65	C	99.8	54	54.0	34.9	144.1	57.0	62.0	51.7	94.1	52.8	4	M	4.1	M
Pioneer	25R74	C	107.5	12	54.6	34.3	140.1	56.5	72.1	55.6	105.2	55.8	3	M	5.4	MS
Pioneer	25R76	C	105.5	22	55.6	36.0	141.7	57.9	76.3	56.3	99.3	55.2	3	M	4.8	M
Virginia Tech	16VDH-SRW03-023	G	109.2	5	54.9	36.8	145.2	57.6	72.6	54.0	106.1	54.1	2	M	6.8	MS
Virginia Tech	VA19FHB-36	G	106.6	16	57.4	38.0	140.6	59.7	76.0	58.4	101.8	57.3	3	M	5.3	MS
Trial Mean			102.1		55.6	36.0	142.6	58.6	67.0	53.8	96.7	54.5	3		4.8	
LSD			3.4		0.5	0.9	5.9	0.6	6.4	1.2	3.8	1.1	1.3		2.5	
CV			32.3		4.1	8.5	3.9	0.8	7.9	2.0	3.5	1.7	0.6		36.0	

## Variety missing in trial. This occurred in the Fusarium Head Blight nursery due to late arrival of seed.

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

<sup>2</sup>Varieties 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.

<sup>3</sup>Varieties were evaluated for the timing of jointing and classified into categories: E= early, M=medium, L=Late. Jointing begins at Feekes growth stage

	Hampshire	Perry	Urbana
<b>Location</b>	Kane	Pike	Champaign
<b>County</b>	Kane	Pike	Champaign
<b>Site Location</b>	<a href="#">Click to see map</a>	<a href="#">Click to see map</a>	<a href="#">Click to see map</a>
<b>Host</b>	Dezeri DeRaedt	Luke Merrit	CSREC
<b>Soil type</b>	Drummer silty clay loam	Clarksdale silt loam	Flanagan silt loam
<b>Planting date</b>	October 5, 2023	October 4, 2023	October 3, 2023
<b>Harvest date</b>	July 7, 2024	June 21, 2024	June 19, 2024

<b>Nitrogen applied</b>	<b>Pounds N/ A</b>		
<b>Fall</b>	30	30	30
<b>Spring</b>	80	80	90
<b>Latitude</b>	42.0449444	39.80025	40.0468889
<b>Longitude</b>	-88.46975	-90.819361	-88.2378611