

Table 2. Northern Illinois regional wheat variety trial results, 2023

Company	Variety	ST ¹	Regional Average				Perry		Urbana		Hampshire	
			Yield bu/ac	Yield Rank 1 to 69	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	498	G	122.2	35	57.2	37	96.3	53.8	121.3	57.6	148.4	59.9
AgriMAXX	503	G	123.2	30	59.3	37	88.8	56.4	127.3	60.1	156.5	61.4
AgriMAXX	505	G	122.7	33	60.9	36	89.6	58.2	125.1	61.5	155.3	63.0
AgriMAXX	511	G	114.7	58	58.0	35	89.6	56.5	111.8	59.5	141.3	58.3
AgriMAXX	513	G	121.6	37	59.3	35	104.2	57.1	107.7	59.3	146.9	61.8
AgriMAXX	516	G	124.7	20	59.5	36	95.5	56.7	125.7	59.9	153.4	61.8
AgriMAXX	525	G	123.0	31	58.2	34	102.0	56.2	109.1	57.7	152.8	61.0
AgriMAXX	531	G	114.6	59	59.9	37	88.5	57.1	115.9	60.4	139.2	62.4
AgriMAXX	EXP 2302	G	127.3	12	60.4	35	111.7	57.2	122.3	60.9	143.7	63.0
American Organic	Erisman AM		105.7	68	61.2	36	78.1	58.1	106.6	62.5	132.6	62.8
Bio Town Seeds	D504W	G	121.9	36	59.3	35	93.7	56.6	120.6	59.5	151.2	61.8
Bio Town Seeds	D506W	G	132.4	2	59.1	36	104.6	56.2	140.2	59.8	154.1	61.1
Bio Town Seeds	DXW2023	G	126.6	14	57.5	37	98.8	54.8	128.5	58.1	153.2	59.4
Bio Town Seeds	DXW2025	G	123.6	29	59.5	37	91.0	57.5	123.0	60.1	157.5	61.1
DeRaedt Seed	DeRaedt 47	C	121.5	38	61.3	36	92.5	58.3	122.1	62.1	150.6	63.5
Dyna-Gro	9120	G	118.1	49	61.5	35	93.3	59.1	111.6	62.6	146.8	62.9
Dyna-Gro	9151	G	124.3	24	61.1	35	98.9	59.4	121.7	61.1	151.0	63.2
Dyna-Gro	9172	G	128.6	7	59.4	36	102.1	56.9	129.2	60.0	154.4	61.4
Dyna-Gro	9231	G	124.1	25	59.6	37	97.6	57.3	118.1	60.0	155.1	61.6
Dyna-Gro	9290	G	120.1	45	59.8	38	93.8	56.9	116.5	60.9	148.9	61.6
Dyna-Gro	9422	G	134.0	1	60.1	37	108.6	56.8	136.3	61.3	157.4	61.8
Dyna-Gro	9481	G	118.5	47	60.0	35	87.5	56.5	120.9	61.8	148.6	61.4
Dyna-Gro	WX23444	C	125.6	17	58.7	36	101.1	56.0	129.7	59.3	146.4	61.0
FS InSPIRE	FS 597	G	121.0	40	60.3	37	93.1	57.3	124.2	61.3	146.5	62.0
FS InSPIRE	FS 600	G	127.5	11	61.4	37	101.9	59.4	126.6	61.8	153.1	63.3
FS InSPIRE	FS 603	G	117.3	51	60.1	35	88.9	56.9	116.0	61.1	146.9	62.2
FS InSPIRE	FS 606	G	113.2	62	62.2	37	80.4	59.0	124.4	63.7	138.6	63.7
FS InSPIRE	FS 617	G	126.2	16	59.1	35	96.6	57.0	126.1	59.3	156.6	61.2
FS InSPIRE	FS 623	G	116.2	54	58.7	37	76.9	55.6	127.0	59.1	151.0	61.4
FS InSPIRE	FS 624	G	124.8	19	60.0	38	102.5	57.7	128.2	60.8	142.9	61.6
FS InSPIRE	FS 745	G	128.9	6	59.1	37	104.0	56.7	127.5	59.1	154.3	61.7
FS InSPIRE	FS WX23A	G	124.6	21	59.9	36	99.6	56.9	129.0	61.0	145.8	61.5
FS InSPIRE	FS WX23B	G	126.3	15	59.7	37	101.9	58.1	120.7	59.8	154.7	61.8
Green Valley Seed	GV 6123X	C	129.0	5	59.5	36	107.4	57.3	127.1	60.0	150.4	61.2
Green Valley Seed	GV 619	C	127.6	10	61.5	36	106.4	60.0	120.0	61.6	152.6	63.5
Green Valley Seed	GV 6223X	C	121.4	39	59.8	37	98.2	56.7	131.0	61.1	136.1	61.5
Green Valley Seed	GV 631	C	122.9	32	60.3	37	96.2	57.9	115.1	60.4	155.3	62.7
Green Valley Seed	GV 6323X	C	130.2	4	57.9	37	110.6	55.9	117.1	57.4	156.9	60.9
Green Valley Seed	GV 652	C	120.9	41	60.9	34	99.8	57.8	115.7	61.3	144.6	63.5
Kennel Seed Farms	KF 1618	G	120.3	44	60.7	34	96.4	59.2	116.4	61.6	146.0	61.6
Kennel Seed Farms	KF 2308	G	124.4	23	59.0	35	97.8	55.5	127.6	60.0	148.2	61.2
Kennel Seed Farms	KF 2339	G	113.3	61	62.2	38	80.2	58.7	119.8	63.9	143.0	63.5
Kennel Seed Farms	KF 2342	G	120.6	43	60.3	34	94.0	56.1	124.3	61.1	144.3	63.1
Kitchen Seed Company	KSC 420	F	113.8	60	59.6	36	85.7	56.6	121.6	61.0	136.2	61.1
Kitchen Seed Company	KSC 423	F	109.7	66	61.9	38	79.5	58.8	110.7	63.6	139.7	62.9
Kratz Farms LLC	EX KF 848	F	119.5	46	59.9	37	89.6	56.6	126.1	61.0	145.4	61.7
Kratz Farms LLC	EX KF 861	F	115.4	56	60.0	38	81.4	57.6	110.8	60.8	154.7	61.8
Kratz Farms LLC	EX KF 908	F	123.7	28	59.7	36	96.7	57.9	127.9	60.1	147.4	61.4
Kratz Farms LLC	EX KF 952	F	116.7	52	59.4	36	83.9	57.0	118.3	60.1	150.0	61.4
Kratz Farms LLC	KF 667	F	116.1	55	61.2	35	84.3	58.7	122.4	62.5	144.3	62.3
Kratz Farms LLC	KF 809	F	127.0	13	59.9	36	99.3	58.2	134.4	60.4	149.0	61.5
Kratz Farms LLC	KF 839	F	116.5	53	61.2	36	86.1	57.6	117.5	62.0	146.9	63.7
Kratz Farms LLC	KF 841	F	122.6	34	60.6	34	95.4	56.9	125.9	61.5	147.2	63.0
Kratz Farms LLC	KF 869	F	111.4	64	61.8	38	76.0	59.0	116.9	62.6	145.2	63.8
Kratz Farms LLC	KF 893	F	127.8	9	59.4	35	116.1	56.3	121.5	59.7	139.7	62.1
Kratz Farms LLC	KF 920	F	112.6	63	60.3	35	72.2	57.4	121.7	61.6	149.9	61.7
Langdon Bros. Seed	LB1936	F	103.5	69	57.2	34	70.1	52.6	104.9	58.6	137.6	59.8
Martin Seed	M20	F	110.8	65	58.8	36	69.1	55.4	126.2	59.4	144.7	61.3
Martin Seed	M22	F	124.8	18	61.4	36	98.9	58.9	124.4	61.9	150.6	63.5
Pioneer	25R61	C	120.8	42	59.0	37	94.2	57.2	123.4	59.1	145.4	61.1
Pioneer	25R64	C	131.1	3	56.9	36	113.2	54.9	126.7	56.9	149.4	59.1
Pioneer	25R65	C	118.1	49	57.8	35	95.9	56.2	116.5	58.7	140.4	58.9
Pioneer	25R74	C	117.8	50	58.1	34	89.2	55.2	118.2	58.9	146.4	59.9
Pioneer	25R76	C	123.8	27	58.7	36	96.5	56.0	119.9	59.1	153.9	61.0
VCIA	16VDH-SRW03-023	F	128.0	8	58.8	35	97.6	55.5	126.0	60.0	161.0	60.6
VCIA	VA19FHB-36	F	123.8	27	61.0	38	97.4	58.3	117.5	61.9	154.5	62.8
Viking	801	C	124.5	22	59.6	37	98.1	57.5	118.5	60.3	155.0	61.2
Williamsfield Seed Co	WSC 3804	G	106.5	67	60.8	38	77.2	59.6	110.1	61.0	133.4	62.4
Williamsfield Seed Co	WSC 3906	G	114.8	57	58.8	36	86.2	56.4	109.9	59.3	147.4	60.8
	Trial Mean		121.1		59.8	36	93.8	57.1	121.3	60.5	148.2	61.8
	LSD, 10%		9.0		1.0	1	7.0	1.1	7.2	0.8	8.1	0.9
	CV, %		13.6		2.4	6	3.7	0.9	3.7	0.6	2.6	0.6

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

Location	Perry	Urbana	Hampshire
County	Pike	Champaign	Kane
Site Location	Click to see map	Click here for directions	Click to see map
Host	Luke Merrit	CSREC	Dezeri DeRaedt
Soil type	Clarksdale silt loam	Flanagan silt loam	Drummer silty clay loam
Planting date	October 4, 2023	August 29, 2023	October 5, 2023
Harvest date	June 26, 2023	June 28, 2023	October 11, 2023

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

Latitude	39.80416804	40.07897251	42.03952173
Longitude	-90.8210913	88.24505146	-88.49289432