

Table 1. Southern Illinois regional wheat variety trial results, 2023

Company	Variety	ST ¹	Regional Average ²				Elkville		St Peter		Belleville	
			Yield bu/ac	Yield Rank 1 to 56	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	503	G	106.5	26	60.0	36	127.2	58.5	96.1	63.3	87.2	58.5
AgriMAXX	505	G	108.9	14	62.4	37	131.3	59.8	96.5	65.8	92.5	61.5
AgriMAXX	511	G	102.2	44	58.1	36	138.9	56.1	83.7	62.0	101.3	55.2
AgriMAXX	513	G	108.9	13	60.7	37	146.9	58.5	92.4	63.9	96.8	59.8
AgriMAXX	514	G	112.3	7	59.3	36	136.8	56.8	95.5	62.7	104.0	58.3
AgriMAXX	525	G	109.0	12	60.9	35	135.6	57.0	93.3	64.0	98.4	61.5
AgriMAXX	531	G	102.9	39	60.3	36	131.8	57.5	89.1	64.1	88.0	58.6
AgriMAXX	535	G	102.4	42	61.6	34	130.5	59.6	87.5	64.9	89.5	60.4
AgriMAXX	EXP 2301	G	104.7	29	62.5	34	127.8	61.3	90.1	65.0	92.4	62.3
AgriMAXX	EXP 2302	G	113.1	6	59.4	35	132.8	56.9	98.0	62.7	102.8	58.5
Bio Town Seeds	D477W	G	**	**	58.3	36	140.8	56.1	86.0	61.6	**	57.1
Bio Town Seeds	D491W	G	106.6	23	58.8	35	136.5	56.5	85.6	62.2	104.2	57.9
Bio Town Seeds	D504W	G	100.2	45	61.2	36	118.7	58.0	85.4	64.9	89.7	60.2
Bio Town Seeds	D506W	G	116.7	2	59.8	35	144.0	56.1	101.3	63.1	105.2	60.1
Bio Town Seeds	DXW2026	G	108.7	16	59.1	36	140.0	56.5	91.8	62.5	98.7	57.9
Dyna-Gro	9002	G	105.8	28	59.3	37	139.2	56.5	92.2	62.5	89.3	58.9
Dyna-Gro	9120	G	103.4	33	61.0	35	131.0	58.9	86.7	64.9	94.3	58.5
Dyna-Gro	9151	G	103.0	36	61.9	37	134.3	60.0	90.5	65.1	85.4	60.8
Dyna-Gro	9172	G	97.6	49	61.1	36	104.8	57.3	86.9	64.9	82.2	59.9
Dyna-Gro	9231	G	103.5	32	61.1	38	132.4	59.1	88.5	64.2	90.7	60.3
Dyna-Gro	9290	G	**	**	59.6	36	133.2	57.2	85.9	63.4	**	57.6
Dyna-Gro	9393	G	106.0	27	60.0	35	107.4	55.6	90.9	63.5	100.7	60.1
Dyna-Gro	9422	G	111.7	8	60.4	36	153.8	58.0	91.9	63.9	104.1	59.0
Dyna-Gro	9481	G	108.6	19	58.8	35	138.4	54.0	96.2	62.1	90.6	59.7
Dyna-Gro	WX23444	C	118.4	1	58.1	35	145.1	55.0	96.6	62.4	118.8	55.6
FS InSPIRE	FS 597	G	**	**	60.7	38	132.8	58.4	91.0	64.2	**	59.1
FS InSPIRE	FS 600	G	107.6	22	62.2	38	138.0	59.6	93.1	65.5	93.1	61.3
FS InSPIRE	FS 603	G	94.4	53	60.0	34	112.9	56.9	81.8	63.0	79.3	60.5
FS InSPIRE	FS 606	G	103.0	37	62.7	38	134.4	60.0	88.6	66.0	88.3	62.1
FS InSPIRE	FS 617	G	108.3	20	59.9	35	129.8	57.9	98.4	62.0	87.0	61.3
FS InSPIRE	FS 623	G	109.3	11	60.2	37	144.3	57.2	103.5	63.4	81.5	59.7
FS InSPIRE	FS 624	G	108.7	17	61.9	38	118.7	58.4	93.6	64.3	101.0	64.1
FS InSPIRE	FS 745	G	102.3	43	61.1	37	115.0	56.8	83.9	64.8	99.2	60.8
FS InSPIRE	FS WX23A	G	99.5	46	60.5	37	130.0	57.7	85.6	64.4	83.3	58.4
FS InSPIRE	FS WX23B	G	103.1	35	61.0	39	135.1	57.6	85.6	64.5	95.3	60.4
Hoffman Seed House	H7W21	C	110.3	9	57.1	34	158.4	53.7	91.8	61.0	99.1	55.6
Hoffman Seed House	H7W23	C	96.4	51	62.4	38	124.3	60.9	81.9	65.8	82.9	60.2
Hoffman Seed House	H7W30	C	106.5	24	62.0	35	137.3	58.4	92.3	65.4	91.9	61.8
Hoffman Seed House	H7W40	C	103.3	34	57.5	35	130.9	55.7	86.2	60.5	95.7	57.0
Kitchen Seed Company	KSC 420	F	104.1	31	61.6	36	140.3	58.3	88.3	64.9	91.0	61.1
Kitchen Seed Company	KSC 423	F	98.6	48	62.3	38	129.1	60.0	88.1	65.4	78.3	61.6
KWS Cereals US	KWS453	C	108.7	15	61.0	33	120.1	59.9	98.6	62.6	90.3	63.3
KWS Cereals US	KWS472	C	109.7	10	60.5	33	136.8	57.7	98.4	64.1	90.2	59.3
KWS Cereals US	KWS477	C	108.7	18	62.3	36	132.5	58.5	97.7	66.1	91.2	61.6
KWS Cereals US	KWS482	C	96.5	50	59.3	34	139.9	57.8	79.0	62.1	84.3	58.8
KWS Cereals US	KWS490	C	106.5	25	59.7	34	141.7	56.5	93.2	62.7	89.0	59.9
KWS Cereals US	KWS492	C	108.0	21	62.5	35	135.1	57.9	103.2	63.3	81.2	68.7
KWS Cereals US	KWS495	C	114.5	3	59.0	32	141.9	56.5	98.4	62.8	104.4	56.9
Pioneer	25R65	C	114.2	4	57.6	37	149.0	53.6	96.4	60.9	104.8	57.8
Pioneer	25R74	C	102.6	41	59.2	35	137.5	56.1	79.6	62.9	101.3	57.9
Pioneer	25R76	C	113.9	5	59.5	35	154.9	56.3	95.9	63.2	103.3	58.5
VCIA	16VDH-SRW03-023	C	95.1	52	60.3	36	132.2	56.8	78.0	63.2	84.0	61.1
VCIA	VA19FHB-36	C	102.9	38	62.1	37	135.4	59.1	87.4	65.6	90.3	61.4
Viking	801	C	102.8	40	61.1	38	136.4	59.6	85.0	63.9	94.3	60.9
Williamsfield Seed Co	WSC 3804	G	99.2	47	62.9	37	121.4	61.1	89.5	66.0	78.8	62.2
Williamsfield Seed Co	WSC 3906	G	104.3	30	60.9	36	85.0	58.2	95.0	63.0	91.4	62.9
	Trial Mean		105.7		60.4	36	133.0	57.7	90.8	63.7	93.1	59.9
	LSD, 10%		4.6		0.6	1.0	14.4	1.2	5.8	0.7	6.6	6.6
	CV, %		13.3		2.9	3.1	5.1	1.0	3.8	0.8	2.8	0.5

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

.- plots lost to deer feeding.

Location	Elkville	St Peter	Belleville
County	Jackson	Fayette	St. Clair
Site Location	Click to see map	Click here for directions	Click to see map
Host	John and Trent Funk	Russ Schwarm	SIU Belleville REC
Soil type	Hurst silt loam	Hoyleton silt loam	Winfield silt loam
Planting date	October 14, 2023	October 18, 2023	October 7, 2023
Harvest date	June 22, 2023	June 21, 2023	June 15, 2023

Nitrogen applied	Pounds N/ A		
Fall	30	0	30
Spring	110	120	85
Latitude	37.91534271	38.90360971	38.51963332
Longitude	-89.16569406	-88.87881719	-89.84230464