

Table 1. Southern Illinois regional wheat variety trial results, 2022

Company	Variety	ST ¹	Regional Average ²				Elkville		St Peter	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 57	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu
AgriMAXX	503	G	**	**	**	37	**	**	106.9	61.6
AgriMAXX	505	G	113.0	20	63.2	37	119.5	62.9	106.5	63.5
AgriMAXX	511	G	108.7	31	59.9	37	111.5	60.1	105.8	59.6
AgriMAXX	513	G	111.0	25	62.4	37	115.0	62.2	107.0	62.6
AgriMAXX	514	G	119.6	3	60.0	37	122.8	59.7	116.4	60.2
AgriMAXX	516	G	107.0	36	61.0	36	101.0	61.2	113.0	60.8
AgriMAXX	525	G	117.9	8	61.2	35	114.4	61.3	121.4	61.0
AgriMAXX	EXP 2105	G	111.9	23	61.2	37	107.5	61.1	116.3	61.3
AgriMAXX	EXP 2222	G	110.4	28	62.0	36	109.6	61.8	111.2	62.2
Bio Town Seeds	D477W	G	112.6	22	60.0	37	113.2	60.2	112.1	59.9
Bio Town Seeds	D491W	G	119.4	5	61.2	36	119.9	60.9	118.8	61.5
Bio Town Seeds	D499W	G	105.1	40	61.9	37	105.9	62.0	104.2	61.7
Bio Town Seeds	D504W	G	106.7	38	60.9	36	102.9	60.8	110.4	61.0
Bio Town Seeds	XW2022	C	123.0	1	59.7	35	128.3	59.4	117.8	59.9
Dyna-Gro	9002	G	109.7	29	60.7	36	108.1	60.6	111.3	60.7
Dyna-Gro	9120	G	113.1	19	62.2	36	113.0	62.6	113.2	61.8
Dyna-Gro	9151	G	116.1	12	63.1	37	112.8	62.5	119.5	63.7
Dyna-Gro	9172	G	112.7	21	60.9	36	106.0	60.9	119.3	60.9
Dyna-Gro	9352	G	97.1	51	59.8	35	81.7	59.1	112.4	60.4
Dyna-Gro	WX 20738	G	111.4	24	61.4	36	107.4	60.8	115.4	61.9
Dyna-Gro	WX 21741	G	118.4	6	61.7	39	116.5	61.5	120.3	62.0
Dyna-Gro	WX 22741	G	116.4	11	60.0	37	119.4	60.0	113.4	60.0
Dyna-Gro	WX 22793	G	120.6	2	61.4	37	115.7	61.5	125.6	61.3
FS InSPIRE	FS 597	G	110.6	26	61.3	37	111.4	61.1	109.8	61.5
FS InSPIRE	FS 600	C	113.6	17	63.0	37	116.9	62.4	110.2	63.6
FS InSPIRE	FS 603	G	106.7	37	60.9	35	100.8	60.6	112.6	61.2
FS InSPIRE	FS 616	G	108.9	30	61.8	38	107.2	61.8	110.6	61.8
FS InSPIRE	FS 623	G	**	**	**	38	**	**	110.5	61.5
FS InSPIRE	FS 624	G	116.7	10	60.9	39	113.0	61.1	120.3	60.6
FS InSPIRE	FS 745	G	104.3	41	60.7	37	97.7	60.8	111.0	60.7
FS InSPIRE	FS WX22A	G	107.3	35	60.3	36	103.5	60.3	111.1	60.3
FS InSPIRE	FS WX22B	G	118.3	7	61.8	39	117.9	61.6	118.8	62.0
Grow Pro Genetics	GP 381	C	96.6	52	60.5	33	92.5	60.1	100.8	60.9
Grow Pro Genetics	GP 348	C	93.0	54	63.7	34	90.0	62.8	96.1	64.6
Grow Pro Genetics	GP 463	C	97.8	47	60.6	36	85.2	58.8	110.5	62.3
Grow Pro Genetics	GP 709	C	94.0	53	60.5	36	94.3	59.2	93.7	61.8
Grow Pro Genetics	GP 747	C	113.2	18	58.6	37	113.4	58.6	112.9	58.7
Grow Pro Genetics	SY 100	G	**	**	**	34	**	**	113.8	59.9
Grow Pro Genetics	SY 547	C	97.4	49	61.2	37	92.6	60.5	102.2	61.8
Grow Pro Genetics	SY Viper	G	**	**	**	39	**	**	105.4	62.6
Hoffman Seed	H7W21	C	119.6	4	59.5	34	116.6	60.0	122.6	59.0
Hoffman Seed	H7W30	C	98.3	46	61.2	37	92.4	60.7	104.2	61.7
Hoffman Seed	H7W31	C	92.6	55	61.4	35	81.4	60.3	103.8	62.5
Hoffman Seed	H7W40	C	91.6	56	60.5	35	91.3	59.6	91.9	61.5
Kitchen Seed Company	KSC 418	C	101.9	44	61.4	37	96.4	60.6	107.4	62.1
Kitchen Seed Company	KSC 420	C	99.2	45	61.5	39	101.6	61.1	96.8	61.8
KWS Cereals	KWS394	C	115.8	15	59.8	34	122.1	59.8	109.5	59.8
KWS Cereals	KWS398	C	97.6	48	60.2	35	86.9	60.3	108.3	60.1
KWS Cereals	KWS403	C	110.5	27	60.1	35	114.9	60.2	106.2	60.1
KWS Cereals	KWS405	C	97.1	50	62.2	36	91.8	61.6	102.5	62.8
KWS Cereals	KWS411	C	108.3	32	62.6	35	109.0	62.3	107.5	63.0
Pioneer	25R61	C	113.7	16	61.6	38	113.8	61.5	113.7	61.7
Pioneer	25R64	C	117.8	9	59.9	36	116.0	60.2	119.5	59.5
Pioneer	25R74	C	106.1	39	61.4	35	103.4	61.4	108.8	61.4
Pioneer	25R76	C	116.1	13	61.7	36	121.5	62.2	110.7	61.2
VCIA	VA17W-75	C	90.3	57	61.4	36	81.8	60.2	98.7	62.6
Viking	801		116.1	14	61.6	37	116.7	61.5	115.5	61.8
Williamsfield Seed Co	WSC 1537	C	**	**	**	39	**	**	99.9	63.1
Williamsfield Seed Co	WSC 2720	F	**	**	**	35	**	**	119.5	59.0
Williamsfield Seed Co	WSC 3252	C	107.6	34	59.5	38	106.2	59.2	108.9	59.8
Williamsfield Seed Co	WSC 3331	C	102.0	43	58.8	38	95.6	57.7	108.4	59.9
Williamsfield Seed Co	WSC 3400		102.9	42	61.0	38	96.3	61.0	109.4	61.1
Williamsfield Seed Co	WSC 3506	F	108.2	33	59.1	34	100.8	59.3	115.6	58.9
	Trial Mean		107.0		61.0	36	104.0	60.7	109.9	61.3
	LSD, 10%		11.5		1.2	1.9	6.6	0.5	8.7	0.4
	CV, %		11.1		2.0	5.3	4.7	0.6	5.9	0.5

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

² Belleville location data will not be used, the trials suffered from lodging/deer feeding causing the data to be unreliable.

*.- plots lost to deer feeding, please use the data from St Peter.