

Table 1. Southern Illinois regional wheat variety trial results, 2021

Company	Variety	ST <sup>1</sup>	Regional Average				Elkville			Belleville			St Peter	
			Yield bu/ac	Yield Rank 1 to 50	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Lodging <sup>2</sup> 0 to 9	Yield bu/ac	Test wt. lb/bu	Lodging <sup>2</sup> 0 to 9	Yield bu/ac	Test wt. lb/bu
AgriMAXX	454	C	102.5	27	58.5	39	105.8	60.3	0.0	83.6	57.4	1.7	118.1	57.8
AgriMAXX	473	C	100.9	31	58.7	40	103.0	60.1	0.0	84.4	57.8	1.7	115.4	58.3
AgriMAXX	503	C	**		58.6	38	*	*	7.0	79.1	57.5	3.3	120.8	59.6
AgriMAXX	505	C	101.7	30	61.1	38	98.4	61.7	0.0	85.9	60.2	2.0	120.6	61.3
AgriMAXX	513	C	104.2	18	60.6	38	107.0	61.1	0.0	84.8	59.9	2.0	120.7	60.7
AgriMAXX	514	C	107.4	6	57.8	39	106.9	58.0	3.7	94.8	58.1	1.7	120.6	57.3
AgriMAXX	516	C	104.0	19	58.7	38	94.8	59.2	1.0	89.1	58.5	2.0	128.3	58.3
AgriMAXX	EXP 2002	C	103.9	23	60.5	37	93.3	61.0	0.0	88.6	59.9	1.7	129.7	60.7
AgriMAXX	EXP 2009	C	**		58.6	37	*	*	6.3	*	*	8.3	128.9	58.6
AgriPro	SREXP0117	C	109.5	1	58.6	36	108.2	58.7	0.0	90.2	58.1	1.3	130.1	59.1
AgriPro	SREXP9105	C	105.4	11	56.3	39	107.6	57.2	1.3	82.9	55.1	2.3	125.7	56.7
AgriPro	SY 100	C	102.0	29	56.5	36	106.4	57.5	1.0	81.5	55.0	1.3	118.2	57.0
AgriPro	SY 547	C	104.4	16	58.3	40	104.8	56.6	0.0	84.8	58.4	1.7	123.7	59.7
AgriPro	SY 576	C	95.5	46	58.5	38	89.3	58.8	0.0	79.1	57.6	1.7	118.0	59.0
AgriPro	SY Viper	C	103.7	24	59.5	41	97.0	59.7	1.3	80.2	58.6	2.3	133.8	60.2
Albert Lea Seed	Erisman	F	90.9	50	60.7	38	93.6	61.4	2.0	78.8	59.7	2.0	100.2	61.1
Albert Lea Seed	LCS 3334		99.6	36	59.9	39	91.3	60.7	0.0	84.8	59.1	1.3	122.6	59.8
Bio Town Seeds	D477W	C	**		58.7	38	95.5	59.2	2.0	*	*	8.7	119.1	58.2
Bio Town Seeds	D480W	C	**		58.4	38	*	*	6.7	80.2	57.5	1.7	114.0	59.2
Bio Town Seeds	D499W	C	95.7	45	59.9	40	96.7	60.4	0.0	74.7	59.7	2.7	115.6	59.7
Bio Town Seeds	D504W	C	107.1	7	58.7	37	109.5	59.2	2.0	87.6	58.8	2.3	124.2	58.2
Dyna-Gro	9002	G	104.8	14	57.9	39	98.4	58.2	5.3	93.2	57.7	2.0	122.7	57.8
Dyna-Gro	9120	G	102.5	28	60.9	38	103.8	61.6	0.0	90.0	60.4	1.7	113.7	60.8
Dyna-Gro	9151	G	99.8	34	60.9	37	104.6	61.4	0.0	79.7	60.1	1.7	115.1	61.3
Dyna-Gro	9172	G	105.0	13	58.8	39	103.7	59.6	0.0	87.6	58.6	3.3	123.6	58.1
Dyna-Gro	9701	G	99.7	35	58.4	40	105.1	59.3	0.0	82.1	57.8	2.0	111.9	58.2
Dyna-Gro	WX20734	G	104.5	15	58.7	38	108.5	59.9	0.0	86.7	57.8	0.7	118.3	58.3
Dyna-Gro	WX20738	G	104.2	17	59.6	40	107.8	60.1	2.0	88.9	59.1	1.7	116.1	59.7
Dyna-Gro	WX21741	G	104.0	20	59.8	40	112.3	60.7	0.0	88.1	59.4	1.7	111.6	59.5
FS Wheat	600	C	103.9	23	61.3	39	99.1	61.7	0.0	90.1	60.6	1.0	122.4	61.6
FS Wheat	601	C	96.4	44	57.7	37	93.4	58.9	0.0	82.3	56.9	2.7	113.4	57.4
FS Wheat	603	C	95.0	47	58.6	36	100.3	59.2	0.0	80.1	58.2	2.7	104.6	58.5
FS Wheat	616	C	98.7	39	60.1	39	96.5	60.6	0.0	72.8	59.2	3.0	126.7	60.5
FS Wheat	623	C	**		58.8	39	*	*	7.3	85.5	58.1	1.0	109.3	59.6
FS Wheat	624	C	108.6	2	59.1	40	98.9	59.9	1.7	101.4	58.8	2.0	125.6	58.6
FS Wheat	WX21B	C	105.1	12	59.0	38	103.2	59.6	2.3	82.0	58.7	2.3	130.1	58.7
Hoffman Seed	H7W20	C	103.9	21	58.7	38	110.9	59.0	0.0	89.7	57.9	1.7	111.0	59.3
Hoffman Seed	H7W21	C	**		58.2	37	119.9	58.1	0.0	*	*	9.0	120.7	58.4
Hoffman Seed	H7W30	C	107.7	5	58.4	38	102.5	59.6	1.7	100.5	56.8	0.7	120.0	58.7
Hoffman Seed	H7W31	C	96.7	43	59.8	36	90.3	60.3	1.7	85.5	58.3	0.7	114.3	61.0
Hoffman Seed	H7W40	C	94.6	48	59.4	38	82.7	59.7	0.0	85.2	58.1	0.0	115.8	60.4
Kitchen Seed Company	KSC 418	G	100.4	32	59.3	40	91.1	59.3	1.0	89.4	58.4	1.0	120.7	60.1
Kitchen Seed Company	KSC 420	G	107.0	8	58.6	39	93.0	59.2	1.7	98.3	57.5	2.0	129.9	59.1
KWS Cereals	KWS291	C	100.4	33	57.3	37	96.6	58.0	1.3	81.7	56.2	3.0	122.9	57.8
KWS Cereals	KWS338	C	96.9	42	59.9	36	92.8	60.4	0.0	80.2	59.2	0.7	117.8	60.1
KWS Cereals	KWS340	C	103.7	25	60.0	37	98.8	60.9	0.0	93.3	58.8	1.7	118.9	60.3
KWS Cereals	KWS375	C	98.3	40	59.5	39	106.6	60.7	0.0	80.9	58.9	1.0	107.4	58.8
Michigan State University	MI16R0720	C	98.2	41	56.3	35	85.1	57.1	0.0	89.3	54.7	0.7	120.3	57.1
Michigan State University	MI16R0898	C	107.7	4	58.4	40	105.3	58.7	0.0	83.9	57.5	1.3	134.0	59.0
Michigan State University	MI16R0906	C	105.5	10	57.2	37	105.1	58.2	0.0	89.1	56.4	0.3	122.4	57.0
Pioneer	25R61	C	106.5	9	59.2	40	97.7	59.9	0.0	95.5	58.0	2.3	126.2	59.5
Pioneer	25R74	C	99.3	37	58.2	37	96.0	59.1	0.0	82.6	57.7	2.3	119.2	57.7
VCIA	VA17W-75	C	98.7	38	60.9	39	81.3	60.5	1.7	90.0	60.6	1.0	124.7	61.6
Williamsfield Seed Co	WSC 1148	G	108.5	3	59.8	38	102.3	60.1	0.0	97.1	59.3	0.3	126.3	60.0
Williamsfield Seed Co	WSC 1639	G	103.2	26	61.0	38	103.1	61.7	0.0	86.6	60.0	1.0	120.0	61.4
Williamsfield Seed Co	WSC 4015	G	93.4	49	60.4	40	81.7	60.6	0.0	80.8	59.5	0.0	117.7	61.2
	Trial Mean		102.0		59.0	38	99.6	59.4		86.3	58.4		120.1	59.4
	LSD, 10%		6.0		1.5	1.0	6.9	6.0		6.5	0.6		11.2	0.6
	CV, %		10.8		4.7	4.0	5.1	7.5		5.6	0.7		6.9	0.7

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

<sup>2</sup>Lodging score: 0= none. 9= all. Lodging was caused by freezing temperatures in spring during the tillering stage.

\* Variety data dropped due to severe lodging and low yields in some early-greening varieties following low temperatures in March and early April.

\*\* Regional data and rank not included due to lack of data from one or more locations. Data from individual locations can be used for comparisons.