

Table 3. Results of the 2021 wheat variety trial at Elkhart, in far southcentral Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield	Test wt. lb/bu	Lodging ² 0 to 9	2-yr avg	3-yr avg
				Rank 1 to 52			2020-21 bu/ac	2019-21 bu/ac
AgriMAXX	454	C	105.8	13	60.3	0	98.9	101.8
AgriMAXX	473	C	103.0	23	60.1	0	100.7	99.6
AgriMAXX	505	C	98.4	30	61.7	0	101.1	
AgriMAXX	513	C	107.0	9	61.1	0		
AgriMAXX	514	C	106.9	10	58.0	4		
AgriMAXX	516	C	94.8	39	59.2	1		
AgriMAXX	EXP 2002	C	93.3	42	61.0	0		
AgriPro	SREXP0117	C	108.2	6	58.7	0		
AgriPro	SREXP9105	C	107.6	8	57.2	1		
AgriPro	SY 100	C	106.4	12	57.5	1		
AgriPro	SY 547	C	104.8	17	56.6	0	97.9	98.8
AgriPro	SY 576	C	89.3	48	58.8	0	89.4	94.2
AgriPro	SY Viper	C	97.0	33	59.7	1	96.5	98.5
Albert Lea Seed	Erisman	F	93.6	40	61.4	2	84.4	
Albert Lea Seed	LCS 3334		91.3	45	60.7	0	96.1	
Bio Town Seeds	D477W	C	95.5	38	59.2	2	95.9	
Bio Town Seeds	D499W	C	96.7	34	60.4	0	97.5	
Bio Town Seeds	D504W	C	109.5	4	59.2	2	106.5	
Dyna-Gro	9002	G	98.4	31	58.2	5	90.6	95.7
Dyna-Gro	9120	G	103.8	19	61.6	0	99.5	
Dyna-Gro	9151	G	104.6	18	61.4	0	102.7	101.7
Dyna-Gro	9172	G	103.7	20	59.6	0	101.8	
Dyna-Gro	9701	G	105.1	16	59.3	0	99.3	98.9
Dyna-Gro	WX20734	G	108.5	5	59.9	0		
Dyna-Gro	WX20738	G	107.8	7	60.1	2		
Dyna-Gro	WX21741	G	112.3	2	60.7	0		
FS Wheat	600	C	99.1	27	61.7	0		
FS Wheat	601	C	93.4	41	58.9	0		
FS Wheat	603	C	100.3	26	59.2	0	94.9	100.4
FS Wheat	616	C	96.5	36	60.6	0	99.9	
FS Wheat	624	C	98.9	28	59.9	2	101.0	102.6
FS Wheat	WX21B	C	103.2	21	59.6	2		
Hoffman Seed	H7W20	C	110.9	3	59.0	0	103.1	
Hoffman Seed	H7W21	C	119.9	1	58.1	0		
Hoffman Seed	H7W30	C	102.5	24	59.6	2	103.7	
Hoffman Seed	H7W31	C	90.3	47	60.3	2		
Hoffman Seed	H7W40	C	82.7	50	59.7	0	88.8	
Kitchen Seed Company	KSC 418	G	91.1	46	59.3	1	88.9	93.8
Kitchen Seed Company	KSC 420	G	93.0	43	59.2	2		
KWS Cereals	KWS291	C	96.6	35	58.0	1		
KWS Cereals	KWS338	C	92.8	44	60.4	0		
KWS Cereals	KWS340	C	98.8	29	60.9	0		
KWS Cereals	KWS375	C	106.6	11	60.7	0		
Pioneer	25R61	C	97.7	32	59.9	0	96.2	101.3
Pioneer	25R74	C	96.0	37	59.1	0	98.3	100.7
VCIA	VA17W-75	C	81.3	52	60.5	2		
Williamsfield Seed Co	WSC 1148	G	102.3	25	60.1	0		
Williamsfield Seed Co	WSC 1639	G	103.1	22	61.7	0		
Williamsfield Seed Co	WSC 2720	C	85.1	49	57.1	0		
Williamsfield Seed Co	WSC 3400	C	105.3	14	58.7	0		
Williamsfield Seed Co	WSC 3506	C	105.1	15	58.2	0		
Williamsfield Seed Co	WSC 4015	G	81.7	51	60.6	0		
	Trial Mean		99.6		59.4	1		
	LSD, 10%		6.9		6.0			
	CV, %		5.1		7.5			

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

Pest management is carried out by the cooperator at this site. In 2021 this included Trivapro fungicide and Warrior insecticide on April 10th, and Prosaro fungicide and Warrior insecticide on May 12th.

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