

Table 3. Results of the 2016 wheat variety trial at Elkhartville, in far southcentral Illinois.

Company	Variety	ST <sup>1</sup>	Yield bu/ac	Yield	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg <sup>2</sup>
				Rank 1 to 76			2015-16 bu/ac	2014-16 bu/ac
AgriMAXX	413	C	110.4	35	59.0	34	110.5	95.1
AgriMAXX	415	C	105.1	56	61.1	36	103.9	90.6
AgriMAXX	444	C	108.5	46	58.9	39	90.0	81.7
AgriMAXX	446	C	125.5	1	60.3	36	111.3	
AgriMAXX	452	C	110.4	35	60.7	40		
AgriMAXX	454	C	115.5	18	59.4	38		
AgriMAXX	463	C	105.9	53	60.4	36		
AgriMAXX	464	C	120.4	3	59.2	39		
AgriMAXX	490	C	105.7	54	62.1	37		
AgriMAXX	Exp. 1670	C	103.6	61	62.4	39		
Beck's Hybrids	Beck 114	S	104.9	59	60.6	39		
Beck's Hybrids	Beck 120	S	116.2	14	60.0	35	103.6	90.7
Beck's Hybrids	Beck 123	S	100.8	69	60.5	38		
Beck's Hybrids	Beck 125	S	105.4	55	61.8	37	103.4	87.9
Beck's Hybrids	Beck 128	S	116.1	16	59.3	38		
BioTown Seeds	D491W	G	119.7	5	60.4	37	110.9	
BioTown Seeds	D496W	G	113.1	28	60.9	36	106.0	
BioTown Seeds	D509W	C	119.6	6	59.1	39	109.5	
BioTown Seeds	DXW 1601	C	115.3	20	59.3	37		
DuPont Pioneer	Pioneer 25R40	G	106.3	52	58.1	36	101.5	87.0
DuPont Pioneer	Pioneer 25R46	G	122.6	2	61.6	39	115.9	102.2
DuPont Pioneer	Pioneer 25R50	G	101.4	68	60.0	35	102.1	
DuPont Pioneer	Pioneer 25R77	G	107.3	49	62.1	36	105.6	89.2
Dyna-Gro	9223	G	112.0	31	59.6	40	114.1	96.5
Dyna-Gro	9441	G	91.2	76	60.8	40	95.8	83.4
Dyna-Gro	9522	G	118.1	10	59.1	38	113.0	96.5
Dyna-Gro	9591	G	106.3	51	61.6	37	103.8	89.7
Dyna-Gro	9692	G	115.5	19	60.1	37		
Dyna-Gro	9772	G	116.1	16	58.8	37	109.1	
Dyna-Gro	WX16771	G	110.0	40	59.6	34		
Equity Seed	Defender	G	94.5	75	58.5	39		
GROWMARK	FS 602	C	110.3	37	59.4	35	108.8	93.8
GROWMARK	FS 604	C	109.5	41	59.9	37	99.7	
GROWMARK	FS 615	C	116.5	13	59.4	39	107.4	
GROWMARK	FS 619	C	116.2	15	60.8	38		
GROWMARK	FS 622	C	111.4	33	61.9	37	106.4	92.2
GROWMARK	FS 624	C	111.9	32	60.3	39	102.4	
GROWMARK	FS 625	C	114.0	27	57.1	40	104.8	90.1
Hoffman Seed House	H7W15	C	118.4	9	61.7	38	112.0	
Hoffman Seed House	H7W25	C	115.0	22	62.5	35	102.8	
Hoffman Seed House	L 168	C	112.7	29	60.0	39	105.7	88.8
Hoffman Seed House	L 182	C	100.2	71	61.0	39	100.3	84.7
Hoffman Seed House	L 247	C	102.0	67	61.9	41		
Hoffman Seed House	L 304	C	97.0	74	61.1	39		
Kitchen Seed Company	KSC 414W		115.0	23	60.8	45		
Kitchen Seed Company	KSC 415W		110.1	39	59.7	38		
Limagrain Cereal Seeds	L 11520		102.3	66	61.3	34		
Limagrain Cereal Seeds	L 11528	C	111.2	34	60.6	44		
Limagrain Cereal Seeds	L 11541	C	102.4	65	61.6	35		
Merschman	Barbie 12	G	120.2	4	58.3	37	110.5	
Merschman	Bintee 10	G	109.2	42	62.1	41	105.7	
Merschman	Peyton	C	108.8	43	60.5	41	101.9	
Merschman	Samantha 2	G	102.6	63	61.9	40		
Miller Bros Farm and Fert.	L-171	G	103.7	60	63.1	42	102.8	86.9
Miller Bros Farm and Fert.	L-304	G	107.4	48	61.8	41		
Pro Harvest	282	C	114.7	24	60.5	35		
Pro Harvest	291	C	118.7	8	59.4	39	111.0	
Pro Harvest	295	C	105.0	58	59.0	35	106.5	
Pro Harvest	303	C	100.1	72	61.7	37	100.3	85.5
Pro Harvest	X9001	C	100.3	70	60.0	35		
Sedlacek	SEDS BLEND		100.0	73	61.8	38		
Stone	21W04	C	107.1	50	59.6	38	105.6	
Stone	21W15	C	102.7	62	58.7	40		
Stone	31W04	C	102.6	63.0	59.6	39	103.6	
Stone	41W04	C	110.2	38.0	60.6	39	109.3	
Sunstar Hybrids	S-1200	C	108.4	47.0	59.3	35	99.7	88.6
Sunstar Hybrids	S-2500	C	118.9	7.0	58.9	39	106.0	
Syngenta	SY 007	C	114.4	25.0	61.5	35	100.6	82.2
Syngenta	SY 547	C	105.0	57	61.4	39	99.3	
USG	3197	C	117.2	11	58.7	39		
USG	3316	C	115.1	21	59.3	39		
USG	3404	C	114.3	26	59.2	37	105.8	92.5
USG	3895	C	112.7	30	58.8	35		
Virginia Crop Impr. Assoc.	Hilliard	G	116.7	12.0	61.3	40	111.1	
Virginia Crop Impr. Assoc.	VA11W-106	G	108.6	45.0	60.9	37	107.4	
Virginia Crop Impr. Assoc.	VA12W-72	G	108.7	44.0	61.5	38		
	Trial Mean		107.1		60.4	38		
	LSD, 10%		9.2		1.6	2		
	CV, %		6.3		2.0	4		

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

<sup>2</sup>Multi-year averages include means from the Dixon Springs location for 2014.

**Pest management** is carried out by the cooperator at this site. In 2016 this included Quilt Xcel fungicide and Warrior insecticide on March 30, and Prosaro fungicide on May 5.