

Table 6. Results of the 2016 wheat variety trial at Perry, in western Illinois.

Company	Variety	ST ¹	Yield bu/ac	Lodging ² 0 to 9	Yield Rank 1 to 79	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
								2015-16 bu/ac	2014-16 bu/ac
AgriMAXX	413	C	121.0	0	7	58.4	36	116.8	109.7
AgriMAXX	438	C	103.6	1	36	60.4	41	101.6	98.8
AgriMAXX	444	C	122.1	0	6	60.0	39	120.0	113.0
AgriMAXX	446	C	130.1	0	1	63.2	40	120.4	
AgriMAXX	452	C	79.4	2	63	56.5	40		
AgriMAXX	454	C	78.0	0	64	58.7	40		
AgriMAXX	463	C	124.5	1	3	60.8	38		
AgriMAXX	464	C	105.9	0	31	58.6	40		
BioTown Seeds	D491W	G	98.5	0	42	58.5	39	107.6	
BioTown Seeds	D509W	C	73.5	0	74	56.4	41		
BioTown Seeds	DXW 1601	C	108.1	2	29	60.1	36		
DeRaedt Seed	DeRaedt 11	C	118.0	0	12	60.9	37	115.0	105.8
DeRaedt Seed	DeRaedt 42	C	71.0	6	76	55.2	40		
DuPont Pioneer	Pioneer 25R25	G	104.6	1	34	59.5	40	106.2	
DuPont Pioneer	Pioneer 25R40	G	115.0	1	19	61.3	37	106.0	102.2
DuPont Pioneer	Pioneer 25R46	G	67.8	0	77	53.3	39	82.0	
DuPont Pioneer	Pioneer 25R50	G	98.7	0	41	62.9	37	100.4	
DuPont Pioneer	Pioneer 25R77	G	114.0	0	21	62.5	38	107.4	99.7
Dyna-Gro	9522	G	122.5	0	4	63.2	39	114.8	109.3
Dyna-Gro	9552	G	120.2	0	10	62.4	39	112.7	
Dyna-Gro	9692	G	74.9	0	71	54.9	41	87.5	
Dyna-Gro	9772	G	103.2	0	37	59.2	40		
Dyna-Gro	WX16771	G	106.9	0	30	60.6	36		
Equity Seed	Butler	G	116.9	1	14	65.1	43	113.9	107.5
Equity Seed	Defender	G	92.9	1	51	58.7	41		
Green Valley Seed	GV 615	G	81.7	4	59	62.7	43		
Green Valley Seed	GV 656	G	103.8	2	35	62.2	42	106.9	
GROWMARK	FS 602	C	122.0	0	5	60.7	36	116.0	109.1
GROWMARK	FS 604	C	75.9	6	68	57.1	39	82.2	
GROWMARK	FS 615	C	93.4	1	50	60.4	37	101.3	
GROWMARK	FS 619	C	104.6	2	33	58.8	41		
GROWMARK	FS 622	C	115.5	1	16	62.4	38	104.5	98.7
GROWMARK	FS 624	C	110.5	0	25	63.2	42	107.2	
GROWMARK	FS 625	C	108.6	1	27	59.8	39	102.7	97.0
Kitchen Seed Company	KSC 414W		115.4	2	17	62.6	43		
Kitchen Seed Company	KSC 415W		75.1	7	70	58.3	39		
Kratz Farms LLC	15144	C	84.3	0	57	55.1	39		
Kratz Farms LLC	15188	C	84.8	3	56	56.9	41	95.5	90.5
Kratz Farms LLC	15241	C	74.2	5	72	57.0	41	89.5	87.8
Kratz Farms LLC	15314	C	111.4	1	24	61.4	40	109.0	100.3
Kratz Farms LLC	15334	C	110.0	2	26	64.3	40		
Kratz Farms LLC	15421	C	67.6	4	79	61.4	40		
Lewis Hybrids	Lewis 828	C	93.4	2	49	59.9	41	98.5	
Lewis Hybrids	Lewis 839	C	98.5	1	43	62.3	42	105.1	99.8
Lewis Hybrids	Lewis 851	C	80.9	0	61	58.1	42	88.8	88.2
Limagrain Cereal Seeds	L 11518		87.6	1	54	60.7	37		
Limagrain Cereal Seeds	L 11528	C	98.3	4	44	61.6	43		
Limagrain Cereal Seeds	L 11541	C	100.7	2	39	59.9	36		
Martin Seeds, Inc.	Amp16	C	117.7	1	13	60.4	36		
Martin Seeds, Inc.	M16	C	75.6	0	69	54.2	42		
Merschman	Barbie 12	G	98.2	0	45	59.4	40	102.7	
Merschman	Bintee 10	G	104.7	4	32	64.3	43	102.6	
Merschman	Millie 5	G	74.0	5	73	59.6	41		
Merschman	Peyton	C	76.3	2	66	57.7	40	88.1	
Merschman	Samantha 2	G	81.6	3	60	59.3	39		
Monier Seed	MW844	F	83.0	8	58	62.8	39		
Monier Seed	MW857	F	120.8	1	8	63.1	42		
Pro Harvest	282	C	116.9	1	15	60.7	38		
Pro Harvest	291	C	71.5	0	75	53.6	41	86.1	
Pro Harvest	295		119.7	0	11	59.0	36	118.8	
Pro Harvest	303		89.0	0	53	61.1	39	95.2	92.9
Pro Harvest	X9001	C	86.2	0	55	59.0	37	91.6	
Pro Seed Genetics	PRO 200	G	76.1	3	67	56.9	43	87.3	
Pro Seed Genetics	PRO 240	G	101.1	1	38	60.8	44	98.5	93.5
Pro Seed Genetics	PRO 260	G	98.1	4	47	60.9	39	98.4	92.8
Pro Seed Genetics	PRO 320A	G	114.7	4	20	61.6	43	116.8	103.7
Pro Seed Genetics	PRO 410	G	113.7	1	22	63.5	42		
Pro Seed Genetics	PRO 420	G	67.7	0	78	60.1	45		
Stone	21W04	C	113.2	0	23	63.1	42	104.2	
Stone	21W15	C	97.6	0	48	60.2	41	100.4	
Stone	31W04	C	100.7	1	39	63.9	42	103.6	
Stone	41W04	C	77.8	0	65	55.8	40		
Sunstar Hybrids	S-1200	C	124.6	0	2	59.5	36	115.3	108.1
Sunstar Hybrids	S-2000	C	120.5	0	9	58.5	36	117.7	110.7
Sunstar Hybrids	S-2500	C	80.9	0	62	55.6	42	91.0	
Syngenta	SY 007	C	108.4	2	28	59.7	38	112.1	
Syngenta	SY 100	C	115.3	0	18	55.5	38		
Syngenta	SY 483	C	90.1	4	52	63.7	43	95.0	94.7
Syngenta	SY 547	C	98.1	0	46	61.3	41	105.8	
	Trial Mean		97.3			60.0	40		
	LSD, 10%		12.2			3.1	2		
	CV, %		9.3			3.9	3		

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gauchio+Fungicide, S= Escalate+Fungicide.

²This site had an unusual amount of lodging in 2016. Stripe rust infection might have been involved, but lodging was not closely associated with loss. We report lodging as additional data. Scale: 0 = no plants lodged; 9 = all plants lodged.