

Table 6. Results of the 2010 wheat variety trial at Perry, in western Illinois.

Company	Variety	ST ¹	Yield bu/ac	Yield	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
				Rank 1 to 64			2009-10 bu/ac	2008-10 bu/ac
Agrinetics	EXCEL 163	M	67.5	58	56.0	38		
Agrinetics	EXCEL 180	M	81.0	24	58.1	40	84.5	
Agrinetics	EXCEL 234	M	85.6	8	57.1	36	85.5	
Agrinetics	EXCEL 442	F	94.0	1	55.6	45	97.0	91.8
AgriPro/Syngenta	BRANSON	C	77.5	36	53.9	37	77.0	78.1
AgriPro/Syngenta	W1104	C	87.4	4	52.9	37	87.5	
AgriPro/Syngenta	W1377	C	79.8	29	57.9	40	75.8	78.0
AgriPro/Syngenta	W1566	C	59.7	62	50.0	42	69.6	
Beck's Hybrids	Beck 113	S	71.8	50	54.6	35		
Beck's Hybrids	Beck 122	S	82.3	17	53.8	41	80.8	83.5
Beck's Hybrids	Beck 135	S	84.2	9	55.9	38		
BioTown Seeds	Diener 502W	C	81.0	25	54.4	42		
BioTown Seeds	Diener XW 91	C	80.4	28	52.6	34		
BioTown Seeds	Diener XW 92	C	83.0	16	54.9	43		
DeRaedt Seed	DeRaedt 10	M	83.6	12	58.1	38		
DeRaedt Seed	DeRaedt 14	C	74.6	44	53.4	38	81.2	
Direct Enterprises	DW Exp 106	M	84.2	10	53.6	41		
Direct Enterprises	DW Exp 109	M	78.4	32	52.5	38		
Dyna-Gro	9031	C	86.6	5	58.3	38		
Dyna-Gro	9042	C	60.2	60	53.1	35		
Dyna-Gro	9053	C	76.1	43	51.0	36		
Dyna-Gro	9922	C	71.7	52	54.7	38		
Excel Brands	EXCEL 170	M	55.8	63	54.4	35		
Excel Brands	EXCEL 209	N	82.2	19	56.2	37		
Excel Brands	EXCEL 242	M	82.3	18	55.2	39		
Excel Brands	EXCEL 302	M	68.0	57	53.1	36		
Excel Brands	EXCEL 357	M	79.1	30	56.0	39		
GROWMARK	FS 610	C	82.0	20	57.8	39	81.8	
GROWMARK	FS 620	C	83.1	14	57.2	38		
GROWMARK	FS 628	C	72.6	49	53.6	39	72.2	76.3
GROWMARK	FS 630	C	76.8	40	53.7	42		
Hoffman Seed House	EXCEL 242	N	73.5	45	54.9	38		
Horizon Genetics	H 755W	G	73.4	46	54.9	34		
Kaltenberg Seeds	KW62	F	77.4	37	54.0	42	76.2	80.7
Kaltenberg Seeds	KW63	F	69.3	55	54.3	37	74.4	
Kaltenberg Seeds	KW70	F	54.8	64	53.7	35	62.6	
Kaltenberg Seeds	KW74	F	79.0	31	57.5	36		
Kitchen Seed Company	KSC 409W	M	80.7	26	57.8	38	79.0	
Kitchen Seed Company	KSC 410W	M	86.3	6	57.4	39		
Lewis Hybrids	Lewis 830	G	78.2	33	54.1	41	73.4	79.2
Lewis Hybrids	Lewis 835	G	81.6	21	58.5	40	81.0	
MWS Seeds LLC	MWS 207	F	83.7	11	58.1	39		
MWS Seeds LLC	MWS 420	F	83.2	13	55.0	42		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	F	63.0	59	52.1	37	73.3	
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	F	83.0	15	53.1	35	80.4	82.9
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R56	F	72.8	47	53.8	35	76.8	78.1
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	F	76.4	41	50.7	35	81.5	85.5
Pro Seed Genetics	PRO 200	G	77.3	38	56.1	38	70.8	
Pro Seed Genetics	PRO 220	G	86.1	7	58.7	42		
Pro Seed Genetics	PRO 240	G	77.7	34	54.1	42	76.7	
Pro Seed Genetics	PRO EX320A	G	91.0	2	55.0	42		
Sunstar Hybrids	S-1200	F	81.2	22	52.7	34		
Sunstar Hybrids	S-2100	F	71.8	51	54.5	37		
Synergy Seeds	EXCEL 341	M	77.1	39	53.3	40	82.5	
Synergy Seeds	EXCEL 399	M	72.7	48	53.4	43	83.0	
Synergy Seeds	EXCEL 442	M	89.3	3	55.6	42	84.4	
Virginia Tech	Jamestown	F	60.0	61	55.3	33		
Virginia Tech	Merl	F	68.4	56	55.6	35	68.9	
Walter Seed	Walter 09	F	71.4	54	53.8	40		
Wilken Seed Grains	Wilken W 103	C	77.6	35	53.6	42	75.1	79.3
Wilken Seed Grains	Wilken W 108	C	76.2	42	56.2	37		
Wilken Seed Grains	Wilken W 130	C	71.7	53	55.8	38	69.6	73.8
Wilken Seed Grains	Wilken W 140	F	81.1	23	58.1	39		
Wilken Seed Grains	Wilken W 161	C	80.4	27	54.7	42	84.3	83.3
	Trial Mean		77.0		55.0	38	78.2	80.8
	LSD, 10%		5.4		0.8	2		
	CV, %		5.2		1.1	4		

Averaged over two entries compared at Perry, seed treatment insecticide (Cruiser) increased yield by 2.6 bushels/acre.

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gaucho+Fungicide, M= Macho+Fungicide, N= Encase+Fungicide, S= Escalate+Fungicide.