

Table 5. Results of the 2010 wheat variety trial at Brownstown, in south central Illinois.

<u>Company</u>	<u>Variety</u>	<u>ST</u> ¹	<u>Yield</u> bu/ac	<u>Yield</u>	<u>Test wt.</u> lb/bu	<u>Height</u> in.	<u>2-yr avg</u>	<u>3-yr avg</u>
				<u>Rank</u> 1 to 61			<u>2009-10</u> bu/ac	<u>2008-10</u> bu/ac
AgriMAXX	403	C	67.3	39	53.6	31		
AgriMAXX	490	C	67.8	38	57.5	35		
AgriMAXX	499	C	70.2	28	57.8	35		
AgriMAXX	X1017	C	85.3	1	54.8	32		
AgriPro/Syngenta	BRANSON	C	72.5	19	54.9	33	67.9	73.3
AgriPro/Syngenta	W1104	C	70.1	29	52.9	34	67.3	
AgriPro/Syngenta	W1377	C	66.7	42	57.2	38	60.4	67.6
Beck's Hybrids	Beck 113	S	76.0	8	56.4	33	73.9	
Beck's Hybrids	Beck 122	S	66.4	43	55.1	36	64.3	71.2
Beck's Hybrids	Beck 134	S	72.7	18	54.3	32		
Beck's Hybrids	Beck 135	S	80.2	4	54.8	34		
Beck's Hybrids	Beck 87	S	63.9	54	57.2	34		
BioTown Seeds	Diener 487W	C	64.9	51	58.9	32		
BioTown Seeds	Diener XW 90	C	60.8	58	55.6	32		
BioTown Seeds	Diener XW 92	C	65.9	45	54.9	39		
Brownstown Ag Center	EXCEL 170	M	70.1	30	56.9	34	67.5	
Delta Grow Seed	DG 5900	F	60.1	59	58.1	32		
Direct Enterprises	DW Exp 106	M	61.9	57	54.1	36		
Direct Enterprises	DW Exp 109	M	66.1	44	53.1	34		
Dyna-Gro	9012	C	70.6	27	56.3	33		
Dyna-Gro	9031	C	65.6	46	57.8	36		
Dyna-Gro	9053	C	81.6	3	53.2	34		
Dyna-Gro	9922	C	65.2	47	56.6	35	64.8	
Excel Brands	EXCEL 209	N	72.3	20	56.6	33		
Excel Brands	EXCEL 242	M	77.2	7	55.4	36		
Excel Brands	EXCEL 302	M	72.7	17	56.1	34		
Excel Brands	EXCEL 341	M	73.3	13	55.6	39		
Excel Brands	EXCEL 357	M	68.8	36	57.2	36		
Exsegen	Dinah	F	79.9	6	58.6	34	73.6	81.9
Exsegen	Lois	F	70.6	26	51.7	33	69.7	
Exsegen	Phebe	F	73.6	12	55.7	34		
Green Valley Seed	Willcross 740	F	65.2	48	55.0	32		
Green Valley Seed	Willcross 748	F	69.9	31	54.8	36		
GROWMARK	FS 600	C	75.9	9	56.3	33		
GROWMARK	FS 610	C	69.3	33	57.9	36	68.8	
GROWMARK	FS 620	C	69.6	32	57.8	34		
GROWMARK	FS 628	C	65.1	49	54.8	35	68.7	74.4
GROWMARK	FS 630	C	65.0	50	54.8	37		
Hoffman Seed House	EXCEL 180	C	71.9	22	57.2	35	73.9	81.7
Hoffman Seed House	EXCEL 209	C	75.2	10	57.0	36		
Hoffman Seed House	EXCEL 242	N	68.9	35	55.7	35		
Hoffman Seed House	H7W06	C	74.4	11	53.7	32		
Hoffman Seed House	H7W09	C	68.0	37	52.1	34		
Hoffman Seed House	H7W10	C	71.0	25	56.5	32		
Horizon Genetics	H 755W	G	72.9	16	56.5	33		
Kitchen Seed Company	KSC 409W	M	67.2	40	57.7	33	67.1	
Kitchen Seed Company	KSC 410W	M	67.2	41	58.1	35		
Lewis Hybrids	Lewis 830	G	71.3	24	55.0	36	67.4	77.8
Lewis Hybrids	Lewis 835	G	72.3	21	58.3	37	71.0	
Miller Bros Farm & Fert	EXCEL 173	C	71.4	23	56.2	34	66.5	77.2
Miller Bros Farm & Fert	EXCEL 234	M	64.3	53	58.3	34		
MWS Seeds LLC	MWS 207	F	72.9	15	58.6	36		
MWS Seeds LLC	MWS 420	F	64.5	52	55.0	39		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	F	62.7	55	52.8	31	57.3	70.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R54	F	68.9	34	55.9	34	62.0	71.0
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	F	80.0	5	52.9	33	73.3	80.1
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	F	73.3	14	56.0	33	72.3	
Sunstar Hybrids	S-1200	F	85.1	2	55.3	34		
Sunstar Hybrids	S-2100	F	62.6	56	56.1	33		
Virginia Tech	Jamestown	F	55.7	60	56.3	31	56.7	
Virginia Tech	Merl	F	55.1	61	56.2	31	53.2	
	Trial Mean		69.3		55.8	34	66.7	75.1
	LSD, 10%		6.9		0.7	2		
	CV, %		7.4		1.0	4		

Averaged over two entries compared at Brownstown, seed treatment insecticide (Cruiser) increased yield by 3.2 bushels/acre.

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