

Table 5. Results of the 2012 wheat variety trial at Brownstown, in south central Illinois.

Company	Variety	ST <sup>1</sup>	Yield			Height	2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 78	Test wt. lb/bu		2011-12 bu/ac	2010-12 bu/ac
AgriMAXX	412	C	91.5	27	61.7	35	83.1	
AgriMAXX	413	C	101.7	6	59.9	35	94.8	
AgriMAXX	415	C	81.2	54	62.2	38	81.0	
AgriMAXX	490	C	87.8	34	61.6	37	80.9	76.5
AgriMAXX	Exp 1220	C	84.1	40	60.2	41		
Beck's Hybrids	Beck 113	S	103.9	2	61.3	37	93.0	87.4
Beck's Hybrids	Beck 120	S	98.5	11	59.5	36		
Beck's Hybrids	Beck 126	S	93.6	21	60.9	43	87.3	
Beck's Hybrids	Beck 135	S	95.3	17	60.2	40	87.8	85.3
BioTown Seeds	Diener 492W	F	95.4	16	59.6	35	91.8	
BioTown Seeds	Diener 501	F	69.3	75	59.7	40		
Direct Enterprises	Edge	M	81.9	51	60.9	41		
Direct Enterprises	Quest	M	79.9	60	59.7	40	77.2	73.5
Direct Enterprises	Sienna	M	82.1	50	60.9	41	81.0	74.7
Dyna-Gro	9031	G	83.2	45	63.1	40	81.0	75.9
Dyna-Gro	9053	G	101.0	9	59.3	40	84.7	83.7
Dyna-Gro	9171	G	102.0	5	59.6	35	93.8	
Dyna-Gro	9223	G	101.4	7	59.9	40		
Excel Brands	EXCEL 161	C	83.0	46	63.0	39		
Excel Brands	EXCEL 163	N	84.0	41	61.5	37	78.1	
Excel Brands	EXCEL 166	N	88.9	32	62.2	39	87.0	
Excel Brands	EXCEL 362	N	78.7	66	61.1	39		
GROWMARK	FS 602	C	94.0	19	59.4	35	91.5	
GROWMARK	FS 605	C	83.2	44	62.1	41		
GROWMARK	FS 610	C	83.7	43	62.8	41	84.4	79.4
GROWMARK	FS 622	C	81.2	53	61.9	39	78.9	
GROWMARK	FS 625	C	89.6	31	59.3	38		
GROWMARK	FS 630	C	85.8	38	61.0	42	80.0	75.0
Hartke Seed	EXCEL 173	N	85.7	39	60.3	38	87.7	82.3
Hoffman Seed House	EXCEL 168	C	86.3	36	63.0	42	82.7	
Hoffman Seed House	EXCEL 337	C	87.1	35	62.0	38		
Hoffman Seed House	H7W10	C	77.4	70	61.9	36		
Hoffman Seed House	H7W11	C	82.1	49	61.7	37		
Hoffman Seed House	H7W12	C	78.9	65	62.0	36		
Kitchen Seed Company	KSC 408W	F	74.4	71	61.1	42	72.9	
Kitchen Seed Company	KSC 409W	F	81.1	55	62.8	40	80.4	76.0
Kitchen Seed Company	KSC 410W	F	67.3	78	60.9	38	71.0	69.7
Lewis Hybrids	Lewis 829		93.7	20	61.1	43		
Lewis Hybrids	Lewis 836		79.6	61	62.9	40		
Lewis Hybrids	Lewis 842		69.0	77	60.3	39	73.4	
Limagrain Cereal Seeds	LCS 3411	F	83.9	42	61.6	37		
Limagrain Cereal Seeds	LCS 4103	F	69.3	76	59.5	38		
Limagrain Cereal Seeds	LCS 4165	F	78.7	67	61.8	37		
Merschman	Barbie VIII	G	101.3	8	60.8	35		
Merschman	Bintee VIII	G	98.4	12	60.1	39		
Merschman	Genie X	G	79.2	62	62.2	37		
Merschman	Julie VII	C	79.0	63	62.8	40		
Merschman	Katie XI	G	70.7	74	60.3	39		
Merschman	Millie III	C	79.9	59	61.8	38		
Miller Bros. Seed and Fert.	EXCEL 180	N	85.9	37	61.3	38	82.8	79.2
Miller Bros. Seed and Fert.	EXCEL 242	N	73.2	73	60.4	39	77.2	77.2
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R32	G	91.2	29	62.5	39		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	95.5	15	60.7	40	87.9	
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	92.8	24	61.5	37	84.2	
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	109.2	1	59.8	38	97.8	91.8
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	93.4	23	61.8	37	86.3	81.9
Pro Harvest	207	C	82.4	48	62.7	41	79.5	77.3
Pro Harvest	311	C	95.5	14	59.4	37		
Steyer Seeds	755W	F	82.7	47	61.8	37		
Steyer Seeds	Heilman	F	94.2	18	60.8	43		
Steyer Seeds	Hunker	F	92.6	25	59.7	39		
Steyer Seeds	Kidwell	F	97.5	13	59.5	36	90.2	
Sunstar Hybrids	S-1000	F	87.8	33	61.0	42		
Sunstar Hybrids	S-1100	F	103.7	3	59.7	37		
Sunstar Hybrids	S-1200	F	99.2	10	59.7	34	92.9	90.3
Sunstar Hybrids	S-950	F	80.0	57	60.4	39		
Syngenta	OAKES	F	81.8	52	62.3	38	80.7	
Syngenta	OAKES Cruiser	C	90.6	30	62.7	39	84.4	
Syngenta	SY 1526	F	77.8	69	58.9	40	73.6	
Syngenta	SY 1526 Cruiser	C	93.6	22	60.1	41	84.6	
Syngenta	W1104	F	91.9	26	58.9	38	81.3	77.6
Syngenta	W1104 Cruiser	C	103.6	4	59.9	38	86.2	
Syngenta	W1377	F	73.9	72	61.9	41		
Syngenta	W1377 Cruiser	C	80.0	58	61.5	41		
Virginia Crop Impr. Assoc.	Jamestown	F	78.9	64	61.6	34	75.7	69.0
Virginia Crop Impr. Assoc.	VA08W-176	F	77.9	68	61.6	40		
Virginia Crop Impr. Assoc.	VA08W-294	F	91.5	28	61.5	38		
Westbred	WB-700	F	80.3	56	59.7	40		
	Trial Mean		87.1		61.2	39	83.7	78.3
	LSD, 10%		7.3		1.1	2		
	CV, %		6.2		1.3	3		

Averaged over four entries compared at Brownstown, seed treatment insecticide (Cruiser) increased yield by 10.6 bushels/acre.

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