

Table 3. Results of the 2011 wheat variety trial at Dixon Springs, in far southeastern Illinois.

Company	Variety	ST ¹	Yield		Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
			Yield bu/ac	Rank 1 to 72			2010-11 bu/ac	2009-11 bu/ac
AgriMAXX	412	C	79.7	10	58.9	33		
AgriMAXX	413	C	78.5	15	55.5	31		
AgriMAXX	415	C	67.4	53	60.1	34		
AgriMAXX	490	C	65.9	59	59.0	33	62.7	
Agrinetics	EXCEL 234	F	66.2	55	58.7	37	65.9	
Beck's Hybrids	Beck 113	S	78.1	17	58.4	34	75.3	75.7
Beck's Hybrids	Beck 126	S	69.2	46	57.4	38		
Beck's Hybrids	Beck 135	S	81.2	8	58.0	37	79.0	
Beck's Hybrids	Beck 87	S	68.1	49	60.2	33	64.5	
BioTown Seeds	Diener 487W	F	69.4	43	59.8	36	70.9	
BioTown Seeds	Diener 492W	F	76.3	22	56.9	32		
BioTown Seeds	Diener XW 2	F	70.4	36	58.9	37		
BioTown Seeds	Diener XW 3	F	81.9	5	58.0	32		
Brownstown Ag Center	EXCEL 170	N	66.1	57	57.8	33		
Brownstown Ag Center	EXCEL 163	N	68.3	48	59.6	34		
Delta Grow Seed	DG 7500	F	77.4	20	54.2	32		
Delta Grow Seed	DG 7900	F	80.2	9	60.1	35		
Direct Enterprises	DW Exp 102	M	66.1	56	57.6	39		
Direct Enterprises	Quest	M	75.0	24	55.4	36	74.1	
Direct Enterprises	Sienna	M	79.6	11	57.5	37	75.1	
Dyna-Gro	9012	F	70.3	39	59.2	35	67.2	
Dyna-Gro	9031	F	56.5	70	58.4	35	57.1	
Dyna-Gro	9053	F	75.2	23	55.9	35	73.7	
Dyna-Gro	9171	F	81.8	6	55.2	32		
Excel Brands	EXCEL 166	M	71.3	31	56.8	37		
Excel Brands	EXCEL 341	M	67.7	52	54.9	38	68.8	
Excel Brands	EXCEL 382	M	66.1	58	59.3	36		
Excel Brands	EXCEL 442	N	67.9	51	56.2	40		
Exsegen	Dinah	F	69.4	44	59.6	35	65.8	69.5
Exsegen	Elisabeth	F	69.8	42	54.8	32		
Exsegen	Phebe	F	61.8	66	55.8	35	66.3	
GROWMARK	FS 600	C	64.0	63	57.8	33	61.7	
GROWMARK	FS 602	C	82.9	3	56.6	32		
GROWMARK	FS 610	C	66.4	54	59.2	34	61.4	66.6
GROWMARK	FS 620	C	70.1	41	58.1	39	63.0	
GROWMARK	FS 622	C	71.1	32	57.4	35		
GROWMARK	FS 628	C	70.7	34	56.9	38	67.5	69.9
GROWMARK	FS 630	C	79.4	12	59.1	38	74.2	
Hartke Seed	EXCEL 173	N	83.8	2	59.1	38	73.5	81.5
Hoffman Seed House	EXCEL 168	M	70.4	37	60.4	36		
Hoffman Seed House	EXCEL 180	C	55.2	72	58.9	35	58.3	66.6
Hoffman Seed House	EXCEL 209	C	70.1	40	57.5	34	66.9	
John Sedlacek	Sed's Blend	F	68.4	47	58.1	34		
Kitchen Seed Company	KSC 408W	F	73.7	25	56.9	41		
Kitchen Seed Company	KSC 409W	F	65.1	61	59.5	35	61.0	65.3
Kitchen Seed Company	KSC 410W	F	56.0	71	58.5	37	60.3	
Lewis Hybrids	Lewis 835	G	68.1	50	58.1	36	67.1	70.6
Lewis Hybrids	Lewis 842	G	61.2	67	58.6	36		
Miller Bros. Seed & Fertilizer	EXCEL 242	M	71.9	29	58.9	36	69.5	
MWS Seeds LLC	MWS 207	F	61.0	68	58.9	36	61.3	
MWS Seeds LLC	MWS 252	F	62.5	65	57.4	37		
MWS Seeds LLC	MWS 363	F	78.2	16	56.9	42		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	78.0	18	56.1	36		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	77.3	21	57.2	34		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	82.6	4	57.5	34		
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	77.8	19	55.4	35	73.6	77.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	78.6	14	56.2	33	70.0	73.0
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	70.3	38	57.6	32	65.9	66.3
Steyer Seeds	Crestline	G	78.8	13	59.9	33		
Steyer Seeds	Kidwell	G	73.5	27	56.8	32		
Sunstar Hybrids	S-1200	F	81.7	7	55.2	34	78.1	
Sunstar Hybrids	S-900	F	73.5	26	57.5	32		
Syngenta	OAKES	F	72.6	28	59.0	35		
Syngenta	OAKES Cruiser	C	70.5	35	57.0	36		
Syngenta	SY 1526	F	61.0	69	56.4	35		
Syngenta	SY 1526 Cruiser	C	69.4	45	57.5	34		
Syngenta	W1104	F	71.6	30	57.2	35		
Syngenta	W1104 Cruiser	C	84.1	1	57.3	36	76.5	78.6
Syngenta	W1566	F	62.9	64	54.1	37		
Syngenta	W1566 Cruiser	C	71.1	33	54.4	37		
Virginia Crop Impr. Assoc.	Jamestown	F	64.8	62	60.1	31	59.2	60.4
Virginia Crop Impr. Assoc.	Merl	F	65.2	60	56.2	34	62.1	62.2
	Trial Mean		71.3		57.7	35	67.6	70.3
	LSD, 10%		7.5		1.8	2		
	CV, %		7.8		2.4	4		

Comparing four varieties at Dixon Springs, seed treatment insecticide (Cruiser) increased yield by 6.8 bushels/acre.

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