

**Table 1. Southern Illinois regional wheat variety trial results, 2012**

Company	Variety	ST <sup>1</sup>	Regional Average				Dixon Springs		Belleville		Brownstown	
			Yield bu/ac	Yield Rank 1 to 78	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu
AgriMAXX	412	C	78.2	23	60.4	35	63.4	58.9	79.6	60.5	91.5	61.7
AgriMAXX	413	C	85.1	8	58.9	34	70.5	58.2	83.2	58.5	101.7	59.9
AgriMAXX	415	C	75.9	36	61.3	35	64.5	60.4	82.0	61.3	81.2	62.2
AgriMAXX	490	C	75.4	38	60.7	36	62.1	60.4	76.4	60.2	87.8	61.6
AgriMAXX	Exp 1220	C	74.1	46	61.0	37	58.9	61.3	79.3	61.4	84.1	60.2
Beck's Hybrids	Beck 113	S	84.2	11	60.3	35	68.7	59.2	79.9	60.5	103.9	61.3
Beck's Hybrids	Beck 120	S	86.2	6	59.0	34	76.4	58.5	83.8	58.9	98.5	59.5
Beck's Hybrids	Beck 126	S	76.4	35	59.6	39	58.7	57.7	76.8	60.2	93.6	60.9
Beck's Hybrids	Beck 135	S	84.7	9	59.4	38	67.4	58.0	91.3	59.9	95.3	60.2
BioTown Seeds	Diener 492W	F	81.1	18	58.6	33	67.0	57.7	81.0	58.4	95.4	59.6
BioTown Seeds	Diener 501	F	59.9	75	59.0	38	47.3	57.3	63.1	59.8	69.3	59.7
Direct Enterprises	Edge	M	69.7	59	60.0	38	58.0	58.8	69.2	60.2	81.9	60.9
Direct Enterprises	Quest	M	65.3	71	58.5	37	50.1	55.9	66.0	60.0	79.9	59.7
Direct Enterprises	Sienna	M	68.0	65	59.2	39	55.5	57.3	66.3	59.3	82.1	60.9
Dyna-Gro	9031	G	77.6	26	61.6	37	67.9	60.3	81.8	61.5	83.2	63.1
Dyna-Gro	9053	G	87.8	2	58.0	36	74.5	56.2	88.0	58.4	101.0	59.3
Dyna-Gro	9171	G	84.3	10	59.0	33	66.4	58.2	84.4	59.1	102.0	59.6
Dyna-Gro	9223	G	85.8	7	59.0	38	71.6	57.4	84.3	59.6	101.4	59.9
Excel Brands	EXCEL 161	C	77.4	28	62.1	37	66.8	61.3	82.3	62.0	83.0	63.0
Excel Brands	EXCEL 166	N	75.9	37	61.0	38	62.7	59.7	76.1	61.2	88.9	62.2
Excel Brands	EXCEL 362	N	67.2	68	60.5	37	50.0	58.7	72.8	61.7	78.7	61.1
GROWMARK	FS 602	C	80.8	19	58.6	34	68.7	57.4	79.8	59.1	94.0	59.4
GROWMARK	FS 605	C	75.0	40	61.1	39	63.8	60.1	78.0	61.2	83.2	62.1
GROWMARK	FS 610	C	76.4	33	61.8	38	66.5	60.8	79.1	61.9	83.7	62.8
GROWMARK	FS 622	C	74.5	44	61.2	35	66.5	60.5	75.7	61.2	81.2	61.9
GROWMARK	FS 625	C	77.1	30	57.8	36	65.0	55.9	76.8	58.2	89.6	59.3
GROWMARK	FS 630	C	74.7	42	60.0	40	63.3	58.6	75.0	60.3	85.8	61.0
Hartke Seed	EXCEL 163	N	71.2	54	60.9	36	53.2	60.6	76.5	60.7	84.0	61.5
Hartke Seed	EXCEL 173	N	74.4	45	59.2	38	59.7	58.0	77.7	59.1	85.7	60.3
Hoffman Seed House	EXCEL 168	C	74.1	47	62.0	39	61.5	60.9	74.5	62.2	86.3	63.0
Hoffman Seed House	EXCEL 337	C	74.9	41	60.5	36	65.4	58.8	72.1	60.7	87.1	62.0
Hoffman Seed House	H7W10	C	72.1	52	61.2	34	62.1	60.2	76.8	61.6	77.4	61.9
Hoffman Seed House	H7W11	C	71.5	53	60.0	34	57.0	57.7	75.3	60.7	82.1	61.7
Hoffman Seed House	H7W12	C	67.4	67	60.6	35	56.3	58.9	67.2	60.9	78.9	62.0
Kitchen Seed Company	KSC 408W	F	64.5	72	60.8	41	57.2	59.7	61.8	61.4	74.4	61.1
Kitchen Seed Company	KSC 409W	F	75.2	39	61.6	38	65.5	60.5	78.9	61.5	81.1	62.8
Kitchen Seed Company	KSC 410W	F	58.5	78	60.1	37	50.7	58.3	57.6	61.0	67.3	60.9
Lewis Hybrids	Lewis 829		77.1	31	59.2	40	59.5	56.7	78.1	59.9	93.7	61.1
Lewis Hybrids	Lewis 836		68.8	64	61.5	38	56.3	59.3	70.5	62.3	79.6	62.9
Lewis Hybrids	Lewis 842		59.8	77	59.2	37	49.2	57.8	61.1	59.6	69.0	60.3
Limagrain Cereal Seeds	LCS 3411	F	72.6	51	59.9	35	61.8	58.0	72.0	60.0	83.9	61.6
Limagrain Cereal Seeds	LCS 4165	F	68.8	63	60.3	35	59.2	58.6	68.6	60.6	78.7	61.8
Limagrain Cereal Seeds	LCS 4103	F	59.8	76	59.1	36	47.5	57.5	62.5	60.2	69.3	59.5
Merschman	Barbie VIII	G	86.3	5	59.6	33	65.1	58.1	92.5	60.0	101.3	60.8
Merschman	Bintee VIII	G	79.9	21	59.1	38	59.5	58.0	81.9	59.2	98.4	60.1
Merschman	Genie X	G	76.8	32	61.4	35	70.9	61.1	80.2	60.9	79.2	62.2
Merschman	Julie VII	C	69.8	58	61.8	39	56.0	60.2	74.5	62.4	79.0	62.8
Merschman	Katie XI	G	63.2	73	59.8	38	49.0	57.3	70.0	61.8	70.7	60.3
Merschman	Millie III	C	70.3	56	60.5	36	58.1	59.1	72.8	60.6	79.9	61.8
Miller Bros. Seed and Fert.	EXCEL 180	N	74.7	43	60.3	37	62.5	59.6	75.6	60.0	85.9	61.3
Miller Bros. Seed and Fert.	EXCEL 242	N	65.7	70	59.9	38	52.3	58.6	71.5	60.8	73.2	60.4
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R32	G	77.9	25	61.3	36	57.1	59.1	85.3	62.1	91.2	62.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	83.1	16	59.8	37	65.8	58.8	88.0	59.9	95.5	60.7
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	84.2	12	60.4	35	75.7	59.2	84.1	60.4	92.8	61.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	87.2	3	58.7	35	65.4	57.3	87.1	59.0	109.2	59.8
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	80.8	20	61.2	35	63.5	60.3	85.4	61.5	93.4	61.8
Pro Harvest	207	C	76.4	34	61.7	38	68.5	60.8	78.2	61.5	82.4	62.7
Pro Harvest	311	C	83.6	15	58.2	35	66.8	55.9	88.4	59.3	95.5	59.4
Steyer Seeds	755W	F	78.0	24	61.2	36	68.6	60.8	82.8	61.1	82.7	61.8
Steyer Seeds	Heilman	F	72.7	50	59.3	40	54.8	57.2	69.1	59.8	94.2	60.8
Steyer Seeds	Hunker	F	77.6	27	58.7	36	58.2	56.9	82.1	59.4	92.6	59.7
Steyer Seeds	Kidwell	F	83.7	13	58.8	34	68.4	58.2	85.3	58.6	97.5	59.5
Sunstar Hybrids	S-1000	F	70.0	57	59.5	38	53.7	57.4	68.6	60.1	87.8	61.0
Sunstar Hybrids	S-1100	F	87.2	4	58.3	36	67.5	55.8	90.3	59.3	103.7	59.7
Sunstar Hybrids	S-1200	F	81.5	17	58.9	33	60.9	57.6	84.4	59.3	99.2	59.7
Sunstar Hybrids	S-950	F	66.1	69	59.6	37	47.9	57.7	70.5	60.7	80.0	60.4
Syngenta	OAKES	F	73.7	48	61.7	36	62.9	60.5	76.3	62.2	81.8	62.3
Syngenta	OAKES Cruiser	C	83.7	14	61.9	36	74.2	61.3	86.2	61.8	90.6	62.7
Syngenta	SY 1526	F	62.4	74	56.9	37	50.4	55.3	59.1	56.6	77.8	58.9
Syngenta	SY 1526 Cruiser	C	73.6	49	57.6	37	54.3	55.0	73.0	57.8	93.6	60.1
Syngenta	W1104	F	77.2	29	58.0	36	57.1	55.8	82.8	59.2	91.9	58.9
Syngenta	W1104 Cruiser	C	88.2	1	58.7	36	68.2	56.4	92.7	59.7	103.6	59.9
Syngenta	W1377	F	68.9	62	61.6	39	64.5	60.7	68.4	62.3	73.9	61.9
Syngenta	W1377 Cruiser	C	71.2	55	61.4	39	60.1	60.5	73.6	62.2	80.0	61.5
Virginia Crop Impr. Assoc.	Jamestown	F	69.6	60	61.8	33	57.3	62.2	72.6	61.6	78.9	61.6
Virginia Crop Impr. Assoc.	VA08W-176	F	67.7	66	60.7	36	60.4	60.5	64.7	60.2	77.9	61.6
Virginia Crop Impr. Assoc.	VA08W-294	F	78.8	22	60.3	35	63.0	58.9	81.9	60.6	91.5	61.5
Westbred	WB-700	F	69.2	61	58.5	38	55.7	57.0	71.8	58.7	80.3	59.7
	Trial Mean		75.2		60.1	37	61.3	58.7	77.1	60.5	87.1	61.2
	LSD, 10%		6.2		0.9	1	7.3	1.0	6.4	0.6	7.3	1.1
	CV, %		10.6		1.9	5	8.9	1.3	6.2	0.7	6.2	1.3

Averaged over Four varieties in the Southern Region, treatment insecticide (Cruiser) increased yield by 8.6 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.