

Table 1. Southern Illinois regional wheat variety trial results, 2011

Company	Variety	ST ¹	Regional Average				Dixon Springs		Belleville		Brownstown	
			Yield bu/ac	Yield Rank 1 to 72	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	75.7	28	58.7	36	79.7	58.9	72.5	58.6	74.8	58.6
AgriMAXX	413	C	81.4	9	55.9	34	78.5	55.5	77.7	56.4	87.9	55.9
AgriMAXX	415	C	74.9	32	59.1	35	67.4	60.1	76.5	58.9	80.7	58.3
AgriMAXX	490	C	69.1	60	58.6	35	65.9	59.0	67.5	58.1	74.0	58.7
Agrinetics	EXCEL 234	F	70.6	53	58.6	39	66.2	58.7	69.9	58.9	75.7	58.1
Beck's Hybrids	Beck 113	S	78.9	12	58.0	36	78.1	58.4	76.6	58.4	82.2	57.2
Beck's Hybrids	Beck 126	S	76.6	24	56.9	40	69.2	57.4	79.6	57.1	81.0	56.1
Beck's Hybrids	Beck 135	S	82.0	7	57.3	38	81.2	58.0	84.5	58.0	80.3	55.9
Beck's Hybrids	Beck 87	S	68.6	61	59.4	37	68.1	60.2	71.0	58.8	66.8	59.2
BioTown Seeds	Diener 487W	F	71.2	50	59.1	37	69.4	59.8	73.8	58.9	70.5	58.6
BioTown Seeds	Diener 492W	F	81.0	10	56.2	34	76.3	56.9	78.6	55.8	88.3	55.7
BioTown Seeds	Diener XW 2	F	72.4	45	57.9	38	70.4	58.9	71.1	58.0	75.6	56.7
BioTown Seeds	Diener XW 3	F	77.0	22	58.7	35	81.9	58.0	74.4	58.7	74.8	59.2
Brownstown Ag Center	EXCEL 163	N	68.5	62	59.1	36	68.3	59.6	65.1	58.9	72.1	58.9
Brownstown Ag Center	EXCEL 170	N	71.8	47	58.0	35	66.1	57.8	74.4	59.1	74.9	57.1
Delta Grow Seed	DG 7500	F	85.0	2	55.6	34	77.4	54.2	85.5	56.8	92.0	55.8
Delta Grow Seed	DG 7900	F	77.8	16	59.0	36	80.2	60.1	71.0	58.4	82.1	58.7
Direct Enterprises	DW Exp 102	M	73.7	37	57.8	40	66.1	57.6	76.2	58.5	78.9	57.2
Direct Enterprises	Quest	M	71.5	48	54.6	37	75.0	55.4	64.8	55.1	74.6	53.4
Direct Enterprises	Sienna	M	78.4	14	56.9	39	79.6	57.5	75.5	57.0	80.0	56.3
Dyna-Gro	9012	F	70.5	55	58.5	36	70.3	59.2	68.1	58.4	73.2	58.0
Dyna-Gro	9031	F	71.3	49	59.3	38	56.5	58.4	78.6	59.7	78.8	59.8
Dyna-Gro	9053	F	75.5	29	55.2	36	75.2	55.9	82.8	55.9	68.4	53.7
Dyna-Gro	9171	F	81.6	8	55.5	34	81.8	55.2	77.3	55.9	85.7	55.3
Excel Brands	EXCEL 166	M	77.6	18	58.1	38	71.3	56.8	76.3	59.0	85.2	58.5
Excel Brands	EXCEL 341	M	63.5	70	55.3	39	67.7	54.9	61.6	57.0	61.3	54.0
Excel Brands	EXCEL 382	M	67.3	65	58.2	37	66.1	59.3	67.3	58.2	68.7	57.0
Excel Brands	EXCEL 442	N	72.9	41	56.1	40	67.9	56.2	77.2	56.8	73.7	55.2
Exsegen	Dinah	F	70.1	58	59.0	37	69.4	59.6	65.6	58.6	75.1	58.9
Exsegen	Elisabeth	F	76.3	26	55.8	34	69.8	54.8	74.2	56.6	84.8	55.9
Exsegen	Phebe	F	70.1	56	56.5	37	61.8	55.8	73.0	57.8	75.4	55.8
GROWMARK	FS 600	C	64.2	68	57.5	35	64.0	57.8	59.9	58.1	68.8	56.7
GROWMARK	FS 602	C	83.2	6	56.1	33	82.9	56.6	77.6	56.1	89.1	55.6
GROWMARK	FS 610	C	78.6	13	59.8	37	66.4	59.2	84.1	60.3	85.2	59.8
GROWMARK	FS 620	C	73.5	38	58.9	38	70.1	58.1	72.7	60.0	77.9	58.5
GROWMARK	FS 622	C	74.8	33	58.2	35	71.1	57.4	76.5	58.9	76.7	58.3
GROWMARK	FS 628	C	75.0	31	56.9	39	70.7	56.9	75.4	57.4	78.8	56.3
GROWMARK	FS 630	C	77.1	21	58.1	39	79.4	59.1	77.8	58.0	74.1	57.2
Hartke Seed	EXCEL 173	N	85.3	1	58.5	39	83.8	59.1	82.3	58.2	89.7	58.2
Hoffman Seed House	EXCEL 168	M	72.6	42	59.9	38	70.4	60.4	68.4	59.3	79.1	60.1
Hoffman Seed House	EXCEL 180	C	69.7	59	59.8	37	55.2	58.9	74.0	60.4	79.8	59.9
Hoffman Seed House	EXCEL 209	C	70.6	52	57.6	36	70.1	57.5	68.9	58.1	72.8	57.3
John Sedlacek	Sed's Blend	F	64.8	67	57.8	37	68.4	58.1	60.1	57.5	66.0	57.8
Kitchen Seed Company	KSC 408W	F	72.6	43	56.6	41	73.7	56.9	72.7	57.2	71.4	55.5
Kitchen Seed Company	KSC 409W	F	72.5	44	59.7	38	65.1	59.5	72.6	59.8	79.7	59.7
Kitchen Seed Company	KSC 410W	F	65.7	66	58.6	37	56.0	58.5	66.5	58.8	74.7	58.5
Lewis Hybrids	Lewis 835	G	71.9	46	59.0	38	68.1	58.1	70.5	59.6	77.0	59.4
Lewis Hybrids	Lewis 842	G	70.6	54	58.2	39	61.2	58.6	72.8	58.3	77.7	57.8
Miller Bros. Farm & Fertilizer	EXCEL 242	M	77.3	20	58.3	37	71.9	58.9	78.7	58.6	81.2	57.4
MWS Seeds LLC	MWS 207	F	70.1	57	59.4	37	61.0	58.9	72.6	59.7	76.6	59.7
MWS Seeds LLC	MWS 252	F	68.1	64	58.0	38	62.5	57.4	67.7	58.6	74.0	58.2
MWS Seeds LLC	MWS 363	F	74.1	35	56.1	41	78.2	56.9	76.5	56.9	67.7	54.5
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R34	G	77.8	17	56.5	37	78.0	56.1	74.9	57.0	80.4	56.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R39	G	76.7	23	56.3	36	77.3	57.2	76.1	57.3	76.6	54.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R40	G	80.1	11	57.3	35	82.6	57.5	82.1	58.1	75.5	56.1
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	G	83.7	5	56.1	36	77.8	55.4	90.2	57.4	83.2	55.6
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	G	84.8	3	55.2	35	78.6	56.2	89.7	55.1	86.3	54.3
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	G	76.4	25	58.2	36	70.3	57.6	79.9	58.4	79.1	58.5
Steyer Seeds	Crestline	G	75.2	30	59.2	35	78.8	59.9	70.6	58.8	76.3	58.9
Steyer Seeds	Kidwell	G	77.9	15	56.0	34	73.5	56.8	77.3	56.0	83.0	55.2
Sunstar Hybrids	S-1200	F	84.3	4	55.8	34	81.7	55.2	84.5	56.5	86.6	55.9
Sunstar Hybrids	S-900	F	73.5	39	57.6	34	73.5	57.5	69.8	56.6	77.1	58.6
Syngenta	OAKES	F	74.1	36	58.8	37	72.6	59.0	70.1	59.1	79.6	58.3
Syngenta	OAKES Cruiser	C	77.3	19	58.3	38	70.5	57.0	83.3	59.6	78.2	58.2
Syngenta	SY 1526	F	64.1	69	56.7	36	61.0	56.4	61.9	56.5	69.4	57.2
Syngenta	SY 1526 Cruiser	C	74.2	34	57.6	36	69.4	57.5	77.6	58.0	75.6	57.2
Syngenta	W1104	F	73.4	40	56.5	37	71.6	57.2	77.7	56.9	70.8	55.4
Syngenta	W1104 Cruiser	C	76.2	27	56.3	37	84.1	57.3	75.8	56.3	68.7	55.2
Syngenta	W1566	F	60.5	72	54.6	40	62.9	54.1	64.4	55.6	54.2	54.0
Syngenta	W1566 Cruiser	C	68.2	63	54.9	40	71.1	54.4	71.9	56.0	61.6	54.2
Virginia Crop Impr. Assoc.	Jamestown	F	71.2	51	59.9	34	64.8	60.1	76.4	59.8	72.4	59.7
Virginia Crop Impr. Assoc.	Merl	F	63.2	71	56.8	36	65.2	56.2	67.2	56.9	57.1	57.3
	Trial Mean		74.1		57.6	37	71.3	57.7	74.3	58.0	76.6	57.2
	LSD, 10%		6.6		1.0	1	7.5	1.8	7.9	0.8	7.4	0.9
	CV, %		11.8		2.2	5	7.8	2.4	7.8	1.1	7.1	1.2

Averaged over Four varieties in the Southern Region, treatment insecticide (Cruiser) increased yield by 6.0 bushels/acre.

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