

Table 1. Southern Illinois regional wheat variety trial results, 2013

Company	Variety	ST ¹	Regional Average				Dixon Springs		Belleville		Brownstown	
			Yield bu/ac	Yield Rank 1 to 71	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	75.5	30	56.9	36	79.1	55.8	84.4	58.3	62.9	56.7
AgriMAXX	413	C	80.2	9	52.8	33	82.1	52.8	88.6	53.5	69.9	52.2
AgriMAXX	415	C	75.5	29	56.8	34	68.2	55.5	93.2	58.3	65.2	56.6
AgriMAXX	422	C	72.7	43	54.5	36	70.6	53.0	84.6	56.3	62.7	54.2
AgriMAXX	447	C	74.5	35	53.9	36	73.3	52.5	86.1	55.7	64.7	53.6
AgriMAXX	Exp 1327	C	72.0	48	56.5	37	77.4	55.8	75.6	57.1	59.5	56.4
AgriMAXX	Exp 1335	C	77.4	20	54.2	34	84.1	53.1	81.7	55.6	66.3	53.8
Beck's Hybrids	Beck 113	S	74.6	34	54.5	34	74.8	53.3	82.8	56.0	66.3	54.2
Beck's Hybrids	Beck 120	S	79.6	12	52.8	34	77.4	52.1	90.2	53.9	71.4	52.4
Beck's Hybrids	Beck 129	S	79.6	13	54.5	37	80.2	52.3	86.4	56.4	72.2	54.9
Beck's Hybrids	Beck 135	S	81.8	4	55.0	36	82.1	53.9	90.1	56.1	73.1	55.2
BioGene	BG 2W11	C	79.8	11	54.2	35	82.7	52.4	87.6	55.6	69.0	54.5
BioTown Seeds	Diener 492W	C	83.1	1	53.7	34	80.2	52.9	93.2	54.6	75.8	53.5
BioTown Seeds	Diener 506W	C	71.1	53	53.9	36	69.5	51.3	80.4	57.1	63.5	53.3
Direct Enterprises	Edge	G	69.0	62	55.3	37	68.9	54.1	81.2	56.1	56.9	55.7
Direct Enterprises	Guardian	G	71.6	50	55.5	36	66.7	53.0	81.6	57.4	66.7	56.0
Direct Enterprises	Quest	G	66.0	69	53.3	35	74.1	52.6	64.5	54.3	59.5	53.1
Direct Enterprises	Sienna	G	67.8	67	54.6	37	75.4	53.1	69.4	55.3	58.6	55.4
DuPont Pioneer	Pioneer 25R40	G	72.9	42	54.9	33	72.5	53.9	80.3	55.5	65.8	55.5
DuPont Pioneer	Pioneer 25R46	G	75.2	31	55.4	35	74.9	52.9	77.1	57.0	73.7	56.4
DuPont Pioneer	Pioneer 25R62	G	80.5	8	53.3	35	80.7	52.3	88.3	54.1	72.5	53.5
DuPont Pioneer	Pioneer 25R77	G	81.4	6	55.9	34	82.5	55.0	88.2	56.9	73.5	55.8
DuPont Pioneer	Pioneer 25R78	G	70.0	58	54.8	34	66.7	53.8	78.6	56.4	60.1	54.1
Dyna-Gro	9031	G	69.8	61	57.6	36	70.1	57.0	80.0	58.3	59.2	57.5
Dyna-Gro	9171	G	79.1	16	53.2	33	81.7	52.7	84.2	54.2	71.4	52.6
Dyna-Gro	9223	G	78.1	18	54.6	37	79.9	52.7	87.6	56.3	66.7	54.7
Dyna-Gro	9373	C	76.4	23	54.0	36	77.7	52.7	87.1	55.8	64.3	53.6
GROWMARK	FS 602	C	80.6	7	53.3	34	80.0	53.3	89.8	54.2	72.0	52.4
GROWMARK	FS 605	C	74.9	32	56.9	37	73.7	55.6	87.8	58.1	63.3	57.0
GROWMARK	FS 622	C	73.0	41	56.6	33	69.4	55.1	84.7	57.7	64.8	56.8
GROWMARK	FS 625	C	75.8	26	54.2	35	76.6	52.7	86.9	55.7	64.0	54.3
GROWMARK	FS 626	C	75.9	25	53.3	35	72.0	52.3	80.9	53.7	74.8	53.8
GROWMARK	WX13A	C	69.8	60	55.2	37	73.7	53.0	80.6	57.4	55.0	55.3
Hartke Seed	LCS - L228	C	72.3	47	59.1	35	56.1	57.1	88.6	60.0	71.5	60.1
Hoffman Seed House	H-7180	C	70.6	56	57.9	36	76.2	57.4	79.4	58.8	56.3	57.4
Hoffman Seed House	H-7171	C	74.4	36	56.6	37	74.6	56.2	81.2	57.4	67.3	56.4
Hoffman Seed House	H7W11	C	72.3	46	56.7	35	74.1	55.4	82.4	58.0	60.4	56.5
Hoffman Seed House	H7W14	C	81.9	3	54.0	33	82.6	52.9	92.4	55.4	71.2	53.6
Hoffman Seed House	LCS L163	C	68.6	65	56.0	34	73.1	54.6	77.5	57.9	54.1	55.5
Kitchen Seed Company	KSC 409W	F	68.7	63	57.7	36	66.0	56.9	77.7	58.8	62.5	57.4
Kitchen Seed Company	KSC 411W	C	78.2	17	53.2	33	78.9	52.9	85.6	54.2	70.1	52.4
Kitchen Seed Company	KSC 412W	C	76.7	21	54.7	37	79.4	52.5	84.5	56.4	66.3	55.2
Lewis Hybrids	Lewis 829	F	70.8	54	54.6	39	68.7	53.2	83.8	55.6	59.7	55.1
Lewis Hybrids	Lewis 839	C	76.4	24	54.1	36	78.9	53.1	87.3	55.4	63.0	53.8
Lewis Hybrids	Lewis 851	C	74.2	38	56.1	36	81.0	54.6	80.4	57.3	61.3	56.3
Limagrain Cereal Seeds	LCS 34969	C	74.7	33	55.8	37	78.0	55.2	83.3	56.6	62.7	55.5
Limagrain Cereal Seeds	LCS 38686	C	71.4	52	54.8	35	74.5	53.2	76.3	56.1	63.2	55.0
Merschman	Barbie 9	C	70.6	57	56.4	36	71.1	54.9	85.3	57.9	55.5	56.3
Merschman	Barbie VIII		77.4	19	52.9	32	77.8	51.5	88.5	55.3	65.9	52.0
Merschman	Bintee 9	G	74.2	37	56.8	37	78.1	56.5	85.8	57.7	58.7	56.2
Merschman	Julie VII		71.9	49	58.7	38	71.6	58.8	76.6	58.5	67.6	58.8
Merschman	Katie 12	C	75.7	28	57.7	36	76.3	56.7	87.9	59.4	63.0	57.0
Merschman	Millie 4	C	68.7	64	57.0	34	70.6	56.5	80.0	58.9	55.4	55.5
Miller Bros. Seed and Fert.	LCS L171	C	75.8	27	56.6	36	76.2	55.7	83.3	57.6	67.8	56.4
Pro Harvest	288	C	67.0	68	55.2	39	57.8	53.8	83.6	55.9	59.7	55.9
Pro Harvest	311	C	73.0	40	53.9	34	76.1	51.8	81.7	55.9	61.3	53.8
Pro Harvest	334	C	71.5	51	54.4	37	51.5	52.0	90.2	56.3	72.7	55.0
Steyer Seeds	Dowell	F	79.3	14	53.8	35	81.1	51.4	89.3	55.6	67.7	54.4
Steyer Seeds	Heilman	F	72.4	45	55.1	38	74.5	53.9	76.8	55.7	65.8	55.8
Steyer Seeds	Hunker	F	79.8	10	54.8	37	74.8	52.8	90.8	55.9	73.6	55.6
Sunstar Hybrids	S-1100	F	72.6	44	54.0	35	74.6	52.0	77.8	55.5	65.4	54.5
Sunstar Hybrids	S-1200	F	82.1	2	53.8	33	81.5	52.7	91.4	55.6	73.4	52.9
Syngenta	SY 474	C	73.1	39	56.0	37	72.6	54.3	88.8	57.3	57.7	56.6
Syngenta	SY 1526	C	70.7	55	54.7	36	69.0	53.0	78.9	55.5	64.3	55.5
Syngenta	SY 483	C	63.6	71	52.7	35	66.2	52.3	67.2	53.7	57.4	52.2
Syngenta	W1104	C	70.0	59	53.1	35	70.0	52.1	70.5	53.6	69.4	53.7
UniSouth Genetics, Inc.	3251	C	81.4	5	55.3	37	83.2	54.3	92.7	56.4	68.4	55.4
UniSouth Genetics, Inc.	3438	C	79.2	15	53.1	34	81.6	52.7	85.9	53.9	70.1	52.6
UniSouth Genetics, Inc.	3555	C	76.5	22	55.0	33	70.7	53.4	87.5	56.6	66.0	55.0
Virginia Crop Impr. Assoc.	Jamestown	F	65.1	70	57.0	33	69.4	57.2	75.5	58.5	50.6	55.2
Virginia Crop Impr. Assoc.	VA09W-73	F	68.4	66	55.6	36	71.9	53.2	71.4	57.4	62.0	56.2
	Trial Mean		74.1		55.2	35	74.3	54.0	83.1	56.4	64.7	55.2
	LSD, 10%		4.1		0.5	1	7.0	1.1	7.8	1.0	6.2	0.6
	CV, %		7.1		1.2	4	7.0	1.5	7.0	1.2	7.0	0.9

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