

Table 1. Southern Illinois regional wheat variety trial results, 2014

Company	Variety	ST ¹	Regional Average				Dixon Springs		Belleville		Brownstown	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 63	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu	bu/ac	lb/bu
AgriMAXX	412	C	76.6	58	55.6	34	61.2	52.5	89.2	55.3	79.3	59.0
AgriMAXX	413	C	86.3	10	52.1	33	64.3	50.8	105.5	52.1	89.1	53.3
AgriMAXX	415	C	83.8	22	55.5	34	63.9	53.3	99.2	55.3	88.3	57.8
AgriMAXX	438	C	85.1	16	51.2	37	61.4	48.0	101.2	53.3	92.7	52.3
AgriMAXX	447	C	85.6	14	52.0	36	62.9	49.9	98.4	53.1	95.5	53.1
AgriMAXX	444	C	86.9	6	52.8	35	65.0	50.8	108.4	53.5	87.2	54.1
AgriMAXX	Exp 1465	C	84.6	18	53.0	34	61.1	50.1	106.2	53.9	86.4	55.1
Beck's Hybrids	Beck 113	S	81.2	34	53.5	34	56.3	50.5	94.7	52.9	92.6	57.0
Beck's Hybrids	Beck 120	S	84.9	17	51.9	33	65.0	49.8	100.8	51.9	89.0	54.1
Beck's Hybrids	Beck 125	S	83.4	24	54.3	35	56.9	51.3	103.7	53.9	89.7	57.6
Beck's Hybrids	Beck 129	S	82.6	29	51.0	36	54.9	47.8	106.6	52.8	86.3	52.5
BioTown Seeds	Diener 492W	C	86.8	7	52.9	33	69.4	52.3	103.8	52.4	87.2	53.9
BioTown Seeds	Diener XW 1403	C	78.5	50	55.5	35	50.9	52.4	96.8	55.1	87.8	59.0
DuPont Pioneer	Pioneer 25R40	G	82.0	31	52.3	32	58.0	48.8	101.7	53.0	86.4	54.9
DuPont Pioneer	Pioneer 25R46	G	95.7	1	56.0	34	74.8	53.6	108.0	55.0	104.2	59.3
DuPont Pioneer	Pioneer 25R77	G	80.0	39	54.5	33	56.5	52.7	95.8	54.1	87.8	56.8
Dyna-Gro	9171	G	86.2	11	52.2	33	67.6	50.8	104.8	52.4	86.2	53.4
Dyna-Gro	9223	G	83.2	25	50.8	37	61.4	47.0	100.1	53.4	88.1	52.2
Dyna-Gro	9343	G	78.6	47	53.9	35	53.9	51.7	95.4	54.7	86.5	55.3
Dyna-Gro	9373	G	83.5	23	52.0	34	63.9	50.2	97.8	53.4	88.7	52.5
Dyna-Gro	9441	G	80.0	38	56.2	35	58.5	53.7	95.1	55.6	86.4	59.2
Dyna-Gro	WX13622	C	86.6	9	52.2	35	63.5	49.5	106.1	53.4	90.3	53.8
Dyna-Gro	WX13631	C	82.4	30	55.4	35	61.5	52.3	98.3	55.1	87.5	58.8
Equity Seed	Butler	G	83.0	26	51.9	34	58.5	49.3	99.1	53.0	91.4	53.4
Equity Seed	Guardian	G	81.8	32	53.5	37	56.8	52.2	101.2	55.1	87.5	53.2
GROWMARK	FS 602	C	85.4	15	52.0	33	63.9	50.4	105.9	52.3	86.4	53.4
GROWMARK	FS 605	C	78.2	53	55.3	35	52.1	51.5	97.5	55.5	85.0	59.0
GROWMARK	FS 622	C	82.7	28	56.0	34	63.9	54.3	97.6	55.2	86.6	58.4
GROWMARK	FS 625	C	76.6	56	50.1	35	60.7	46.4	92.7	52.7	76.5	51.3
GROWMARK	FS 626	C	88.7	3	53.3	34	63.9	50.5	104.2	53.1	98.0	56.4
GROWMARK	WX14A	C	86.1	12	52.7	36	63.2	49.3	106.9	54.1	88.1	54.7
Hartke Seed	L-Brand 203	C	78.6	48	55.7	34	56.9	54.1	89.8	55.0	89.1	58.2
Hoffman Seed House	L-Brand 168	C	79.3	42	54.8	35	55.2	53.4	91.3	53.1	91.5	57.9
Hoffman Seed House	L-Brand 182	C	77.2	55	56.0	35	53.4	53.0	93.6	56.0	84.6	59.0
Hoffman Seed House	L-Brand 400	C	79.2	43	54.7	34	55.2	52.2	92.3	53.4	90.1	58.5
Kitchen Seed Company	KSC 409W	F	75.2	59	56.9	35	52.4	54.9	92.0	56.7	81.3	59.2
Kitchen Seed Company	KSC 411W	C	85.9	13	51.9	33	63.5	50.3	104.4	51.8	89.9	53.5
Lewis Hybrids	Lewis 829	F	80.4	35	53.2	37	53.5	50.2	93.4	52.8	94.4	56.6
Lewis Hybrids	Lewis 839	C	81.4	33	51.9	35	56.5	49.7	97.0	53.1	90.8	52.9
Lewis Hybrids	Lewis 851	C	79.0	44	53.3	36	54.9	51.3	97.2	53.7	84.8	54.9
Merschman	Barbie 10	C	86.7	8	51.2	35	66.3	48.8	105.1	51.4	88.8	53.3
Merschman	Genie 12	C	74.5	61	56.5	35	44.6	53.9	91.6	56.2	87.4	59.4
Merschman	Julie 8	F	78.3	52	54.9	35	52.9	53.5	91.1	52.8	90.7	58.4
Miller Bros Farm and Fert.	L-Brand 228	C	74.5	62	56.9	34	47.6	54.8	87.3	55.9	88.5	59.9
Miller Bros Farm and Fert.	L-Brand 339	G	74.7	60	55.0	33	51.2	50.6	90.6	55.0	82.2	59.4
Miller Bros Farm and Fert.	LCS L171	C	77.2	54	57.1	36	55.2	55.0	94.3	56.1	82.3	60.3
Pro Harvest	303	C	78.5	51	55.8	36	55.9	52.6	92.4	55.0	87.1	59.7
Pro Harvest	311	C	78.7	45	50.1	35	57.6	46.1	96.0	52.2	82.5	51.9
Pro Harvest	XP1102	C	78.7	46	52.9	31	53.0	50.1	97.6	52.1	85.5	56.6
Pro Harvest	XP4113	C	79.9	40	54.3	36	62.3	52.2	92.6	53.6	84.9	56.9
Steyer Seeds	Dowell	F	80.0	36	50.2	35	59.3	45.9	96.7	52.5	84.1	52.2
Steyer Seeds	Hunker	F	84.4	20	51.2	36	64.4	48.3	101.1	53.4	87.6	52.1
Steyer Seeds	Pierson	F	82.8	27	54.6	36	62.7	52.6	100.0	54.8	85.6	56.5
Sunstar Hybrids	S-1200	C	88.0	4	52.3	34	66.4	50.5	110.8	52.6	86.9	53.8
Sunstar Hybrids	S-2000	C	78.5	49	53.2	33	56.6	50.3	103.2	53.4	75.8	56.0
Syngenta	SY 007	C	70.3	63	52.3	33	45.3	49.5	90.7	52.5	74.9	54.9
Syngenta	SY 474	C	76.6	58	53.4	37	52.0	50.3	91.2	54.2	86.4	55.7
Syngenta	SY 483	C	79.8	41	51.1	35	54.5	48.8	103.1	52.9	81.7	51.5
UniSouth Genetics, Inc.	USG 3013	C	84.5	19	51.4	37	61.4	48.0	104.4	53.8	87.6	52.4
UniSouth Genetics, Inc.	USG 3251	C	83.8	21	52.5	36	63.3	50.4	102.4	53.7	85.9	53.5
UniSouth Genetics, Inc.	USG 3404	C	90.0	2	52.6	35	65.9	49.8	111.2	53.6	92.8	54.6
UniSouth Genetics, Inc.	USG 3438	C	87.9	5	52.3	34	68.4	51.5	106.5	51.9	88.9	53.6
Virginia Crop Impr. Assoc.	VA10W-21	F	80.0	37	54.0	34	59.2	49.7	94.2	54.3	86.7	57.9
	Trial Mean		81.5		53.6	35	59.1	51.1	98.2	53.8	87.1	55.9
	LSD, 10%		5.5		1.6	1	6.3	1.4	4.6	0.5	5.7	1.1
	CV, %		8.6		3.9	4	7.8	2.1	3.5	0.7	4.8	1.4

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