

Table 1. Southern Illinois regional wheat variety trial results, 2015

Company	Variety	ST ¹	Regional Average				Mulkeytown		Belleville	
			Yield	Yield Rank	Test wt.	Height	Yield	Test wt.	Yield	Test wt.
			bu/ac	1 to 84	lb/bu	in.	bu/ac	lb/bu	bu/ac	lb/bu
AgriMAXX	413	C	95.7	7	56.5	36	110.7	58.7	80.7	54.4
AgriMAXX	415	C	90.4	52	55.4	35	102.8	57.6	78.0	53.2
AgriMAXX	438	C	93.2	24	56.9	35	102.6	58.8	83.8	55.0
AgriMAXX	444	C	77.8	84	55.9	35	71.6	58.2	84.1	53.7
AgriMAXX	446	C	88.8	67	56.8	36	97.2	58.1	80.5	55.4
AgriMAXX	447	C	92.1	31	57.6	36	93.4	59.3	90.8	56.0
AgriMAXX	EXP 1555	C	92.3	30	55.4	35	104.5	58.7	80.1	52.2
Beck's Hybrids	Beck 120	S	88.1	70	55.2	35	90.9	57.9	85.4	52.5
Beck's Hybrids	Beck 125	S	90.7	46	54.8	34	101.4	58.3	80.1	51.4
Beck's Hybrids	EX 5307	S	93.9	12	56.0	36	104.8	58.7	83.0	53.2
Beck's Hybrids	EX 5315	S	97.2	2	57.1	36	104.0	58.8	90.5	55.4
Beck's Hybrids	EX 5401	S	90.8	45	56.2	35	103.7	59.0	78.0	53.3
BioTown Seeds	Diener 491	F	92.1	32	54.7	35	102.0	57.5	82.2	51.9
BioTown Seeds	Diener 496	F	96.9	4	56.9	35	98.9	59.2	94.9	54.7
BioTown Seeds	Diener XW 1502	F	89.8	62	55.4	36	99.5	57.5	80.1	53.2
DuPont Pioneer	Pioneer 25R40	G	89.3	65	56.2	37	96.8	57.5	81.8	54.9
DuPont Pioneer	Pioneer 25R46	G	93.6	20	56.1	35	109.1	59.0	78.0	53.1
DuPont Pioneer	Pioneer 25R50	G	89.4	64	55.9	35	102.9	57.7	75.9	54.2
DuPont Pioneer	Pioneer 25R72	G	91.1	44	55.7	35	96.1	57.8	86.1	53.5
DuPont Pioneer	Pioneer 25R77	G	93.6	18	56.4	35	103.8	57.8	83.4	54.9
Dyna-Gro	9171	G	94.2	9	57.5	36	96.8	58.3	91.6	56.8
Dyna-Gro	9223	G	95.9	6	56.4	36	116.2	58.6	75.7	54.3
Dyna-Gro	9441	G	93.6	18	55.9	36	100.5	59.1	86.8	52.8
Dyna-Gro	9522	G	96.9	5	54.9	35	107.9	59.1	85.8	50.6
Dyna-Gro	9591	G	94.9	8	55.6	35	101.2	58.5	88.5	52.7
Dyna-Gro	WX14611	G	80.6	83	57.4	35	84.5	58.8	76.6	56.0
Dyna-Gro	WX15742	C	92.0	34	55.9	37	102.0	58.6	82.0	53.3
Equity Seed	Butler	G	86.1	75	55.2	34	89.5	58.0	82.6	52.4
Equity Seed	Guardian	G	83.8	79	56.8	36	89.6	59.3	78.0	54.3
GROWMARK	FS 602	C	93.8	14	55.3	36	107.2	56.6	80.4	53.9
GROWMARK	FS 622	C	91.7	37	57.0	36	101.4	58.4	81.9	55.5
GROWMARK	FS 624	C	89.9	59	57.2	35	92.9	59.8	86.9	54.6
GROWMARK	FS 625	C	92.7	27	56.4	36	95.6	57.2	89.8	55.6
GROWMARK	FS 604	C	86.3	74	55.1	35	89.9	57.3	82.7	53.0
GROWMARK	FS 615	C	90.5	49	56.2	36	98.3	58.0	82.7	54.4
Hartke Seed	L-347	G	87.1	73	56.3	35	94.8	58.8	79.4	53.8
Hoffman Seed House	H7W14	C	89.9	60	55.2	35	96.9	57.9	82.9	52.5
Hoffman Seed House	H7W15	C	93.1	25	56.9	36	105.6	59.7	80.6	54.1
Hoffman Seed House	H7W25	C	85.1	77	55.7	37	90.5	57.4	79.7	54.1
Hoffman Seed House	L-Brand 168	C	89.9	58	54.0	35	98.6	57.0	81.2	51.0
Hoffman Seed House	L-Brand 182	C	93.9	12	56.2	35	100.5	58.8	87.3	53.7
Hoffman Seed House	L-Brand 228	C	93.5	21	56.1	36	99.8	58.4	87.1	53.8
Kitchen Seed Company	KSC 413W	G	92.5	29	56.4	36	100.1	57.9	85.0	54.9
Limagrain Cereal Seeds	L- 11420	G	85.0	78	54.7	35	93.0	58.4	77.1	50.9
Limagrain Cereal Seeds	L- 11421	G	91.5	40	55.7	35	96.3	57.8	86.6	53.5
Limagrain Cereal Seeds	L-11434	G	89.5	63	55.1	35	96.2	55.5	82.8	54.6
Limagrain Cereal Seeds	L-172	G	91.4	41	55.3	35	97.3	56.4	85.4	54.3
Limagrain Cereal Seeds	L-264	G	90.2	54	55.2	35	99.0	57.9	81.4	52.5
Limagrain Cereal Seeds	L-377	G	87.4	72	55.6	36	98.9	58.1	76.0	53.1
Merschman	Agnes	G	97.2	3	56.5	36	109.4	58.1	84.9	54.8
Merschman	Barbie 11	G	83.4	80	56.2	36	85.1	59.3	81.7	53.2
Merschman	Barbie 12	G	94.1	11	54.9	35	100.8	57.6	87.3	52.1
Merschman	Bintee 10	G	93.7	16	55.8	37	102.2	58.2	85.3	53.3
Merschman	Peyton	C	88.7	69	55.2	35	95.0	57.6	82.4	52.8
Merschman	Samantha	G	90.7	46	57.0	35	94.8	60.0	86.6	54.0
Miller Bros Farm and Fert.	L-171	C	90.5	48	56.0	34	101.9	57.5	79.1	54.4
Pro Harvest	295		92.9	26	55.9	35	108.1	58.2	77.8	53.6
Pro Harvest	303		91.2	43	56.9	36	100.5	58.2	81.8	55.6
Pro Harvest	310	C	91.8	35	54.9	35	96.9	58.6	86.7	51.3
Pro Harvest	X2001	C	91.5	39	55.6	36	101.1	58.2	81.9	52.9
Pro Harvest	X3001	C	93.8	15	56.5	35	103.3	58.1	84.3	54.9
Progeny Ag	P117		83.1	81	56.2	33	89.6	59.0	76.6	53.5
Progeny Ag	P357		85.7	76	54.7	35	87.5	57.5	83.9	52.0
Progeny Ag	P870		88.7	68	56.9	35	101.5	59.3	76.0	54.5
Steyer Seeds	EVANS	C	91.2	42	56.4	36	102.2	59.4	80.2	53.4
Steyer Seeds	MORRIN	C	93.4	23	55.1	35	100.5	56.9	86.3	53.2
Steyer Seeds	STex141	C	90.4	51	56.3	35	98.3	57.7	82.5	54.8
Steyer Seeds	CELINA	C	89.9	60	56.3	36	95.2	58.5	84.5	54.1
Stone	21W04	C	91.6	38	54.8	36	104.1	56.9	79.1	52.7
Stone	31W04	C	93.7	17	56.1	35	104.6	59.3	82.8	52.9
Stone	41W04	C	94.1	10	54.9	34	108.5	57.0	79.7	52.8
Sunstar Hybrids	S-1200	C	87.7	71	56.1	35	91.1	58.9	84.3	53.3
Sunstar Hybrids	S-2000	C	92.0	33	56.0	36	100.4	57.9	83.7	54.1
Sunstar Hybrids	S-2500	C	90.1	57	55.6	34	93.2	58.3	87.0	52.9
Syngenta	SY 007	C	81.0	82	57.3	35	86.9	58.5	75.2	56.1
Syngenta	SY 474	C	90.2	55	56.2	35	104.4	57.9	76.0	54.5
Syngenta	SY 483	C	93.4	22	56.5	36	103.2	58.2	83.6	54.9
Syngenta	SY 547	C	90.5	50	56.8	36	93.6	58.9	87.4	54.6
UniSouth Genetics, Inc.	USG 3251	G	90.2	56	55.5	37	101.0	57.8	79.3	53.2
UniSouth Genetics, Inc.	USG 3404	G	89.0	66	55.0	36	97.3	56.9	80.8	53.1
UniSouth Genetics, Inc.	USG 3438	G	90.3	53	56.4	36	105.6	57.3	74.9	55.4
UniSouth Genetics, Inc.	USG 3765	G	92.6	28	55.1	35	100.8	56.7	84.4	53.5
Virginia Crop Impr. Assoc.	Hilliard	G	91.7	36	54.6	35	105.5	57.2	78.0	52.1
Virginia Crop Impr. Assoc.	VA11W-106	G	100.1	1	54.9	35	106.3	57.6	93.8	52.3
	Trial Mean		91.0		55.9	35	99.2	58.1	82.8	53.7
	LSD, 10%		9.5		1.8	2	10.8	1.6	9.1	2.7
	CV, %		10.9		3.3	6	8.1	2.0	8.1	3.7

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gauchio+Fungicide and S= Escalate+Fungicide.

The Brownstown location was removed from the regional average due to significant areas of water standing on trial soon after planting.