

Table 1. Southern Illinois regional wheat variety trial results, 2016

Company	Variety	ST <sup>1</sup>	Regional Average				Elkville		Belleville	
			Yield bu/ac	Yield Rank 1 to 76	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu
AgriMAXX	413	C	103.2	11	57.5	35	110.4	59.0	96.1	55.9
AgriMAXX	415	C	96.4	37	59.7	37	105.1	61.1	87.7	58.3
AgriMAXX	444	C	103.2	13	57.9	39	108.5	58.9	97.8	56.8
AgriMAXX	446	C	112.0	1	59.0	38	125.5	60.3	98.4	57.7
AgriMAXX	452	C	89.4	62	58.7	40	110.4	60.7	68.3	56.7
AgriMAXX	454	C	93.1	50	56.8	38	115.5	59.4	70.6	54.2
AgriMAXX	490	C	90.2	59	60.4	38	105.7	62.1	74.7	58.7
AgriMAXX	464	C	102.5	16	57.2	39	120.4	59.2	84.6	55.1
AgriMAXX	463	C	103.9	9	59.3	37	105.9	60.4	101.9	58.2
AgriMAXX	Exp. 1670	C	81.3	75	60.5	38	103.6	62.4	58.9	58.7
Beck's Hybrids	Beck 114	S	86.7	67	58.8	39	104.9	60.6	68.5	57.0
Beck's Hybrids	Beck 120	S	104.2	8	58.0	36	116.2	60.0	92.3	56.1
Beck's Hybrids	Beck 123	S	93.8	47	59.3	40	100.8	60.5	86.8	58.1
Beck's Hybrids	Beck 125	S	98.9	26	60.4	39	105.4	61.8	92.3	59.0
Beck's Hybrids	Beck 128	S	91.9	54	56.6	38	116.1	59.3	67.6	53.8
BioTown Seeds	D491W	G	102.9	14	59.3	38	119.7	60.4	86.0	58.1
BioTown Seeds	D496W	G	108.8	3	59.3	37	113.1	60.9	104.6	57.7
BioTown Seeds	DXW 1502	C	95.4	41	56.8	39	119.6	59.1	71.2	54.5
BioTown Seeds	DXW 1601	C	102.7	15	58.2	37	115.3	59.3	90.0	57.1
DuPont Pioneer	Pioneer 25R40	G	97.7	32	57.8	36	106.3	58.1	89.0	57.4
DuPont Pioneer	Pioneer 25R46	G	100.2	20	59.1	40	122.6	61.6	77.9	56.6
DuPont Pioneer	Pioneer 25R50	G	85.5	71	57.4	35	101.4	60.0	69.6	54.9
DuPont Pioneer	Pioneer 25R77	G	100.7	18	60.8	37	107.3	62.1	94.0	59.6
Dyna-Gro	9223	G	100.5	19	57.7	40	112.0	59.6	89.0	55.9
Dyna-Gro	9441	G	86.1	69	59.9	40	91.2	60.8	81.0	59.1
Dyna-Gro	9522	G	106.2	6	57.9	38	118.1	59.1	94.3	56.6
Dyna-Gro	9591	G	98.6	29	60.1	38	106.3	61.6	90.9	58.6
Dyna-Gro	9692	G	93.6	48	57.4	38	115.5	60.1	71.7	54.6
Dyna-Gro	9772	G	99.6	22	57.2	38	116.1	58.8	83.2	55.6
Dyna-Gro	WX16771	G	99.1	24	58.4	36	110.0	59.6	88.3	57.1
Equity Seed	Defender	G	84.3	73	56.6	40	94.5	58.5	74.0	54.7
GROWMARK	FS 602	C	101.8	17	57.5	37	110.3	59.4	93.3	55.7
GROWMARK	FS 604	C	92.4	53	58.0	37	109.5	59.9	75.3	56.1
GROWMARK	FS 615	C	108.8	4	57.8	40	116.5	59.4	101.1	56.2
GROWMARK	FS 619	C	100.1	21	59.1	39	116.2	60.8	84.0	57.3
GROWMARK	FS 622	C	98.7	28	60.3	37	111.4	61.9	85.9	58.6
GROWMARK	FS 624	C	103.2	12	59.1	41	111.9	60.3	94.4	57.8
GROWMARK	FS 625	C	96.9	35	56.3	39	114.0	57.1	79.8	55.4
Hoffman Seed House	H7W15	C	107.1	5	60.4	39	118.4	61.7	95.9	59.1
Hoffman Seed House	H7W25	C	98.5	31	60.9	37	115.0	62.5	82.0	59.2
Hoffman Seed House	L 168	C	92.9	51	57.9	39	112.7	60.0	73.0	55.8
Hoffman Seed House	L 182	C	90.4	57	59.8	39	100.2	61.0	80.5	58.7
Hoffman Seed House	L 247	C	87.7	65	60.0	40	102.0	61.9	73.4	58.1
Hoffman Seed House	L 304	C	89.5	61	60.7	40	97.0	61.1	82.0	60.4
Kitchen Seed Company	KSC 414W		95.1	42	59.3	43	115.0	60.8	75.2	57.8
Kitchen Seed Company	KSC 415W		93.8	45	57.9	38	110.1	59.7	77.5	56.0
Limagrain Cereal Seeds	L 11520		80.8	76	58.9	35	102.3	61.3	59.2	56.5
Limagrain Cereal Seeds	L 11528	C	95.8	40	59.5	43	111.2	60.6	80.4	58.3
Limagrain Cereal Seeds	L 11541	C	87.7	66	59.9	35	102.4	61.6	73.0	58.2
Merschman	Barbie 12	G	98.6	30	56.7	37	120.2	58.3	76.9	55.2
Merschman	Bintee 10	G	94.5	44	61.0	41	109.2	62.1	79.7	59.9
Merschman	Peyton	C	88.4	63	58.4	40	108.8	60.5	67.9	56.3
Merschman	Samantha 2	G	89.8	60	60.2	40	102.6	61.9	77.1	58.5
Miller Bros Farm and Fert.	L-171	G	90.2	58	62.0	43	103.7	63.1	76.7	60.8
Miller Bros Farm and Fert.	L-304	G	96.1	39	61.2	41	107.4	61.8	84.7	60.5
Pro Harvest	282	C	110.6	2	59.1	36	114.7	60.5	106.5	57.7
Pro Harvest	295		90.6	56	56.9	36	105.0	59.0	76.3	54.8
Pro Harvest	303		82.1	74	59.5	37	100.1	61.7	64.1	57.2
Pro Harvest	291	C	96.3	38	57.2	39	118.7	59.4	73.9	55.0
Pro Harvest	X9001	C	86.6	68	58.0	35	100.3	60.0	73.0	56.0
Sedlacek	SEDS BLEND		85.8	70	59.4	38	100.0	61.8	71.7	56.9
Stone	21W04	C	99.2	23	58.1	40	107.1	59.6	91.3	56.6
Stone	21W15	C	84.3	72	56.4	40	102.7	58.7	66.0	54.1
Stone	31W04	C	97.3	33	58.4	40	102.6	59.6	91.9	57.1
Stone	41W04	C	88.0	64	57.8	41	110.2	60.6	65.7	54.9
Sunstar Hybrids	S-1200	C	99.1	25	57.5	36	108.4	59.3	89.8	55.7
Sunstar Hybrids	S-2500	C	91.1	55	56.1	39	118.9	58.9	63.2	53.2
Syngenta	SY 007	C	93.3	49	58.9	36	114.4	61.5	72.2	56.2
Syngenta	SY 547	C	92.6	52	59.4	40	105.0	61.4	80.1	57.4
USG	3197	C	96.9	34	56.7	39	117.2	58.7	76.6	54.7
USG	3316	C	93.8	46	56.9	39	115.1	59.3	72.5	54.5
USG	3404	C	104.6	7	57.9	39	114.3	59.2	94.8	56.5
USG	3895	C	96.8	36	56.7	35	112.7	58.8	80.8	54.5
Virginia Crop Impr. Assoc.	Hilliard	G	103.9	10	59.6	40	116.7	61.3	91.0	57.8
Virginia Crop Impr. Assoc.	VA11W-106	G	94.8	43	59.0	38	108.6	60.9	81.0	57.1
Virginia Crop Impr. Assoc.	VA12W-72	G	98.7	27	59.7	38	108.7	61.5	88.8	57.9
	Trial Mean		94.0		58.8	38	107.1	60.4	80.8	57.2
	LSD, 10%		15.1		1.7	2	9.2	1.6	6.3	0.8
	CV, %		16.7		3.0	5	6.3	2.0	5.8	1.0

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

The Brownstown results will be available later, but are not included in the regional table. This is to avoid having the regional results compromised by the heavy stripe rust and wide range of yields at Brownstown compared to the other two sites.