

Table 1. Southern Illinois regional wheat variety trial results, 2017

Company	Variety	ST <sup>1</sup>	Regional Average					Elkville			Belleville			Neoga		
			Yield bu/ac	Yield Rank 1 to 74	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Height in.	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu	Yield bu/ac	<sup>2</sup> Ldg. 0 to 5	Test wt. lb/bu
AgriMAXX	444	C	106.0	5	0.3	58.2	37	110.2	1.0	58.1	94.1	0.0	58.8	113.5	0.0	57.7
AgriMAXX	446	C	105.9	7	1.4	56.9	36	120.6	2.3	56.1	81.8	1.7	57.9	115.3	0.3	56.7
AgriMAXX	452	C	94.9	61	0.6	57.1	38	101.8	0.0	55.3	85.8	0.0	57.7	97.2	1.7	58.4
AgriMAXX	454	C	102.4	20	0.4	59.4	37	118.7	0.0	62.7	81.0	0.7	58.0	107.4	0.7	57.5
AgriMAXX	463	C	110.9	1	1.0	58.6	34	116.0	0.7	59.0	95.4	0.0	58.1	121.2	2.3	58.8
AgriMAXX	464	C	101.7	26	1.6	57.8	36	100.1	3.0	60.4	98.0	0.0	54.4	106.9	1.7	58.7
AgriMAXX	473	C	101.9	24	1.2	59.0	36	109.2	1.3	61.0	74.7	2.3	56.7	121.8	0.0	59.4
AgriMAXX	475	C	95.3	58	2.4	58.1	35	92.9	4.3	60.7	86.3	2.0	55.7	106.9	1.0	57.9
AgriMAXX	Exp. 1785	C	100.9	32	0.4	56.2	34	111.3	0.7	57.8	80.8	0.7	52.4	110.5	0.0	58.3
AgriMAXX	Exp. 1786	C	96.0	51	0.9	58.9	36	97.2	2.0	62.2	77.9	0.7	56.4	112.7	0.0	58.0
Beck's Hybrids	Beck 120	E	104.3	10	0.4	58.4	34	107.9	0.0	62.9	87.7	1.0	53.5	117.5	0.3	58.7
Beck's Hybrids	Beck 123	E	93.5	63	0.6	58.1	38	102.7	0.0	57.9	77.8	0.0	56.5	99.9	1.7	59.8
Beck's Hybrids	Beck 125	E	100.9	31	0.3	60.5	37	105.8	1.0	62.1	86.2	0.0	59.4	110.6	0.0	60.1
Beck's Hybrids	Beck 128	E	102.6	17	0.7	58.2	37	117.8	2.0	61.7	83.0	0.0	55.1	107.1	0.0	57.9
BioTown Seeds	D491W	C	98.5	39	1.2	58.1	36	109.3	1.3	61.5	79.7	1.7	56.4	106.5	0.7	56.3
BioTown Seeds	D496W	C	102.0	23	0.6	56.4	34	107.8	0.3	56.0	90.0	0.0	56.6	108.4	1.3	56.5
BioTown Seeds	D510W	C	104.8	8	0.7	61.2	35	121.6	1.3	62.3	77.6	0.0	58.4	115.2	0.7	63.0
BioTown Seeds	DXW 1601	C	101.7	27	0.8	58.7	35	99.2	2.3	59.3	93.3	0.0	58.7	112.5	0.0	58.1
Croplan	SRW 9415	C	95.3	59	1.9	57.1	36	103.9	0.7	53.7	63.2	5.0	58.1	118.7	0.0	59.5
Croplan	SRW 9606	C	104.2	12	0.6	58.8	36	120.2	0.0	57.5	91.8	0.0	60.3	100.8	1.7	58.7
Croplan	SS 8530	C	101.5	29	0.7	57.2	36	110.1	1.0	59.1	80.3	1.0	54.7	114.0	0.0	57.8
Croplan	SS 8550	C	102.2	22	0.6	58.6	38	105.7	0.7	57.2	81.1	1.0	58.3	119.9	0.0	60.4
DuPont Pioneer	Pioneer 25R61	G	101.7	28	0.4	59.9	37	103.2	1.0	59.4	89.5	0.3	60.4	112.3	0.0	60.0
DuPont Pioneer	Pioneer 25R74	G	101.8	25	0.7	58.4	35	99.8	2.0	60.4	86.7	0.0	54.9	119.1	0.0	59.9
DuPont Pioneer	Pioneer 25R77	G	101.0	30	0.8	59.9	36	100.4	1.7	61.8	91.2	0.0	59.8	111.3	0.7	58.1
Dyna-Gro	9223	G	106.7	4	0.2	58.1	38	119.2	0.7	58.1	85.8	0.0	56.1	115.2	0.0	60.1
Dyna-Gro	9522	G	105.9	6	0.6	57.6	37	116.9	1.0	59.4	83.0	0.7	53.7	118.0	0.0	59.7
Dyna-Gro	9591	G	104.6	9	0.4	58.5	37	115.9	0.0	58.1	86.7	1.0	55.9	111.1	0.3	61.4
Dyna-Gro	9701	G	98.0	41	1.4	57.5	38	95.8	3.3	56.3	80.4	1.0	58.9	117.6	0.0	57.4
Dyna-Gro	9750	G	108.7	2	0.7	57.9	34	111.6	1.0	58.8	97.6	0.0	57.7	117.0	1.0	57.2
Dyna-Gro	9772	G	102.4	18	1.0	57.4	37	107.2	2.0	56.1	88.2	1.0	57.8	111.8	0.0	58.2
Dyna-Gro	WX17782	G	103.9	13	0.4	60.5	34	117.3	0.7	61.1	84.5	0.0	60.1	110.0	0.7	60.4
GROWMARK	FS 604	C	92.1	65	1.7	59.0	37	108.0	1.0	60.6	87.2	0.0	58.0	81.1	4.0	58.3
GROWMARK	FS 615	C	102.4	19	1.0	56.1	37	111.7	1.3	60.1	78.4	1.3	52.3	116.9	0.3	55.9
GROWMARK	FS 619	C	99.4	36	1.1	60.1	38	107.0	1.7	63.0	78.6	0.0	60.2	112.6	1.7	57.2
GROWMARK	FS 622	C	97.3	44	0.2	57.7	37	99.5	0.7	61.1	82.4	0.0	50.9	109.9	0.0	61.2
GROWMARK	FS 624	C	95.8	53	1.4	59.2	38	105.2	2.0	61.5	85.2	1.0	59.9	96.8	1.3	56.2
GROWMARK	WX17A	C	95.5	57	1.2	58.7	36	86.3	2.7	59.9	84.5	1.0	58.8	115.6	0.0	57.3
GROWMARK	WX17B	C	103.2	14	0.3	58.6	35	106.1	0.7	60.9	84.4	0.0	56.7	119.2	0.3	58.1
Hoffman Seed House	H7W15	C	97.1	45	1.2	57.6	37	104.2	2.3	55.1	83.4	0.0	56.7	103.7	1.3	60.9
Hoffman Seed House	H7W16	C	99.4	35	0.6	58.2	35	106.6	0.7	58.2	83.1	0.7	58.9	108.5	0.3	57.6
Hoffman Seed House	H7W17	C	97.7	43	0.4	58.3	36	104.9	0.0	60.3	84.6	0.0	56.6	103.8	1.3	57.9
Hoffman Seed House	H7W26	C	91.7	66	1.6	59.1	37	112.5	0.7	59.4	63.0	2.7	56.1	99.6	1.3	61.7
Hoffman Seed House	H7W27	C	96.0	50	0.2	57.5	37	108.3	0.3	59.7	73.7	0.0	57.2	106.1	0.3	55.5
Kitchen Seed Company	KSC 416	G	95.5	56	0.7	56.9	38	104.0	2.0	55.0	80.9	0.0	57.9	101.6	0.0	57.6
Kitchen Seed Company	KSC 417	G	91.0	67	2.1	58.6	37	85.3	3.7	59.3	82.9	1.0	56.5	104.7	1.7	60.1
Kratz Farms LLC	16421	G	95.6	54	0.2	57.0	37	96.3	0.3	57.8	83.8	0.0	55.9	106.6	0.3	57.4
Limagrain Cereal Seeds	L11418	C	102.9	16	1.2	58.6	36	110.9	1.3	56.2	88.8	0.7	60.9	109.1	1.7	58.7
Limagrain Cereal Seeds	L11538	C	92.9	64	1.7	58.1	38	92.8	2.3	59.7	85.9	1.0	53.6	100.1	1.7	61.0
Limagrain Cereal Seeds	L11550	C	89.4	70	1.1	57.4	36	109.7	0.7	56.6	73.3	0.0	56.9	85.1	2.7	58.7
Limagrain Cereal Seeds	L11610	C	86.0	72	1.8	59.2	36	92.9	1.0	59.8	93.8	0.0	61.6	71.3	4.3	56.1
Limagrain Cereal Seeds	L11621	C	104.3	11	1.3	59.6	37	113.0	0.7	61.2	91.8	0.3	60.0	108.0	3.0	57.7
Miller Bros Farm and Fert.	L-304	G	76.6	74	1.2	59.9	36	84.9	0.0	59.7	74.6	0.0	59.5	70.4	3.7	60.6
Miller Bros Farm and Fert.	L-214	G	96.2	48	0.4	55.1	36	102.4	1.0	56.4	83.7	0.0	50.4	102.6	0.3	58.4
Pro Harvest	282		102.3	21	0.6	57.4	33	106.3	0.3	56.7	88.8	0.0	59.2	111.9	1.3	56.1
Pro Harvest	291		100.4	34	0.6	58.0	37	110.9	0.7	60.5	81.7	0.3	56.7	108.7	0.7	56.7
Pro Harvest	312		97.9	42	0.8	57.7	39	100.8	1.3	56.3	75.9	1.0	58.6	116.9	0.0	58.2
Stone	21W04	C	96.1	49	0.0	56.9	38	111.8	0.0	58.9	77.8	0.0	52.7	98.8	0.0	59.1
Stone	31W04	C	96.7	47	0.4	60.3	37	111.0	1.3	63.1	72.0	0.0	57.9	107.2	0.0	59.9
Stone	31W16	C	96.9	46	0.2	58.9	37	99.5	0.7	58.4	82.9	0.0	59.3	108.4	0.0	58.8
Stone	41W04	C	95.8	52	0.4	58.8	39	110.9	1.3	61.4	71.5	0.0	56.3	105.1	0.0	58.6
Syngenta	SY 100	C	100.6	33	0.7	53.9	36	103.3	1.0	54.2	86.7	0.0	50.9	111.9	1.0	56.8
Syngenta	SY 483	C	103.2	15	0.4	59.4	38	112.9	0.7	60.1	84.9	0.7	59.5	111.8	0.0	58.6
Syngenta	SY 547	C	95.5	55	0.6	57.9	39	95.4	1.7	58.4	76.2	0.0	58.7	115.0	0.0	56.4
USG	3197	G	98.7	38	0.8	58.6	38	95.8	0.7	60.1	89.9	0.0	55.8	110.6	1.7	59.9
USG	3404	G	98.8	37	1.2	59.2	37	107.1	1.3	63.0	80.3	1.7	53.5	109.0	0.7	61.1
USG	3448	G	98.2	40	1.4	58.5	35	81.8	4.0	59.7	92.5	0.0	56.7	120.3	0.3	59.0
USG	EXP 3228	G	107.3	3	1.1	56.1	34	109.2	0.0	57.2	97.2	0.7	54.0	115.6	2.7	57.1
Virginia Crop Impr. Assoc.	Hilliard	G	87.0	71	1.0	60.3	38	86.7	1.7	63.8	67.4	1.0	60.2	107.0	0.3	56.8
Virginia Crop Impr. Assoc.	VA11W-108PA	G	84.1	73	0.4	56.7	37	75.0	1.3	55.2	76.0	0.0	55.6	101.5	0.0	59.5
Virginia Crop Impr. Assoc.	VA11W-313	G	89.5	69	1.0	56.1	35	84.0	1.3	57.1	80.3	0.3	56.1	104.2	1.3	55.0
Virginia Crop Impr. Assoc.	VA12W-31	G	90.6	68	1.0	58.6	35	99.8	1.0	65.1	77.2	0.0	53.5	94.6	2.0	57.3
Virginia Crop Impr. Assoc.	VA12W-68	G	94.7	62	0.3	58.5	37	93.1	0.3	59.8	84.2	0.0	53.3	106.9	0.7	62.5
Virginia Crop Impr. Assoc.	VA12W-72	G	95.1	60	0.6	55.8	35	91.7	1.7	59.2	84.3	0.0	50.0	109.3	0.0	58.2
	Trial Mean		97.8			58.3	36	103.9		59.3	83.0		57.0	106.5		58.7
	LSD, 10%		8.2			2.2	1	11.8		3.8	9.5		3.7	11.9		3.4
	CV, %		15.4			6.9	5	8.4		4.8	8.5		4.8	8.3		4.3

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

<sup>2</sup>Lodging score: 0= no lodging, 5= most all plants lodged.