

Table 1. Southern Illinois regional wheat variety trial results, 2018

Company	Variety	ST ¹	Regional Average				Elkville		Belleville		Neoga	
			Yield bu/ac	Yield Rank 1 to 64	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	444	C	92.1	6	56.7	33	106.2	56.8	89.5	58.0	80.5	55.4
AgriMAXX	446	C	96.1	1	56.8	32	119.8	57.3	83.5	53.9	85.1	59.1
AgriMAXX	454	C	93.1	3	57.4	34	107.3	57.5	82.7	59.0	89.5	55.7
AgriMAXX	463	C	83.5	49	55.9	33	97.1	57.1	72.8	54.0	80.6	56.5
AgriMAXX	473	C	85.7	36	56.2	34	93.9	54.5	79.6	56.9	83.7	57.3
AgriMAXX	475	C	86.2	34	59.0	31	102.8	56.2	66.5	60.2	89.3	60.5
AgriMAXX	480	C	76.2	62	57.8	33	81.7	54.4	66.6	59.3	80.3	59.7
AgriMAXX	486	C	88.8	21	59.3	35	109.4	57.9	78.8	59.5	78.1	60.6
AgriMAXX	485	C	84.4	44	58.7	31	100.4	58.2	81.1	59.7	71.8	58.4
AgriMAXX	Exp 1884	C	91.0	9	55.8	34	102.6	54.9	84.8	57.9	85.6	54.7
AgriMAXX	Exp 1892	C	85.1	39	59.0	29	96.8	58.3	69.4	60.4	89.2	58.3
AgriPro	SY 100	C	89.2	19	55.2	31	108.6	55.1	77.6	55.5	81.3	55.1
AgriPro	SY 547	C	84.1	45	58.9	34	95.0	55.4	79.0	61.4	78.3	60.0
Beck's Hybrids	Beck 726	E	89.4	18	56.0	33	98.8	57.7	85.3	54.5	84.1	55.6
BioTown Seeds	D496W	C	76.5	61	56.5	31	85.3	56.1	72.9	57.1	71.4	56.2
BioTown Seeds	D497W	C	92.1	5	56.6	32	106.3	55.8	83.3	57.2	86.7	56.8
BioTown Seeds	D498W	C	85.4	38	60.4	31	99.6	59.9	71.5	60.1	85.0	61.2
BioTown Seeds	D510W	C	88.4	25	57.5	32	107.5	55.2	79.0	59.2	78.6	58.1
BioTown Seeds	XW 1802	C	88.4	23	56.2	33	97.3	55.8	76.9	55.7	91.0	57.0
Croplan	SRW 9415	G	92.5	4	57.4	32	112.6	55.8	83.0	59.1	82.0	57.4
Croplan	SRW 9606	G	94.4	2	56.8	33	111.2	58.6	82.4	55.5	89.5	56.2
Croplan	SRW 8550	G	87.3	28	57.8	35	99.7	58.3	73.5	56.1	88.7	59.0
Pioneer	Pioneer 25R61	C	89.1	20	55.9	34	103.2	53.6	84.4	58.8	79.8	55.3
Pioneer	Pioneer 25R74	C	90.1	14	57.9	32	108.1	58.7	81.7	57.1	80.4	57.8
Pioneer	Pioneer 25R77	C	82.8	51	59.3	31	99.0	60.6	72.9	60.3	76.6	57.1
Dyna-Gro	9522	G	88.4	24	56.8	32	99.6	56.6	80.6	56.8	85.1	56.9
Dyna-Gro	9701	G	87.4	27	56.8	35	100.9	54.4	75.0	58.2	86.3	57.7
Dyna-Gro	9750	G	84.5	43	54.8	32	96.4	52.8	76.8	56.7	80.2	55.0
Dyna-Gro	9811	G	83.8	47	56.5	35	99.4	57.3	71.4	57.2	80.6	55.2
Dyna-Gro	WX17775	G	91.9	8	55.9	34	107.2	55.3	80.9	56.7	87.6	55.6
Dyna-Gro	WX17778	G	84.6	42	58.9	29	94.4	56.2	72.8	61.5	86.6	59.1
Dyna-Gro	9862	G	82.8	50	57.2	33	97.1	57.9	75.0	58.0	76.3	55.8
Dyna-Gro	WX18724	G	87.6	26	59.7	33	102.7	60.2	78.1	59.1	82.1	59.7
GROWMARK	FS 603	C	86.1	35	58.1	31	104.2	58.7	70.1	56.5	84.0	59.3
GROWMARK	FS 604	C	80.7	55	55.9	32	93.2	51.6	65.3	58.3	83.6	57.8
GROWMARK	FS 615	C	89.8	17	57.1	33	99.5	58.6	82.4	56.9	87.4	55.9
GROWMARK	FS 619	C	84.7	41	60.4	33	99.1	59.0	66.6	63.5	88.6	58.6
GROWMARK	FS 624	C	90.7	11	57.6	34	106.1	59.4	80.6	55.6	85.4	57.8
GROWMARK	WX18A	C	91.0	10	56.1	33	107.9	57.1	81.6	55.6	83.5	55.7
GROWMARK	WX18B	C	87.2	29	58.7	30	103.8	56.1	69.2	61.5	88.6	58.3
GROWMARK	WX18C	C	86.9	31	57.4	33	103.1	55.2	76.9	57.3	80.7	59.7
Hoffman Seed	H7W15	C	87.2	29	58.3	33	99.1	58.2	78.0	56.9	84.5	59.8
Hoffman Seed	H7W16	C	82.3	53	61.5	31	95.1	60.9	72.4	62.5	79.2	60.9
Hoffman Seed	H7W17	C	76.7	60	58.1	32	88.7	59.4	67.9	59.4	73.7	55.4
Hoffman Seed	H7W18	C	86.7	32	56.5	32	93.4	52.1	69.5	59.3	97.2	58.2
Hoffman Seed	H7W28	C	89.8	15	60.0	33	112.5	56.9	80.5	62.3	76.5	60.9
Kitchen Seed Company	KSC 416	G	79.2	56	56.9	36	91.7	55.9	67.6	56.5	78.3	58.3
Kitchen Seed Company	KSC 417	G	90.2	12	57.2	34	100.1	56.7	80.7	58.7	89.9	56.3
Kitchen Seed Company	KSC 418	G	89.8	16	58.4	31	101.0	58.0	74.3	58.3	94.1	58.9
LCS	AMMO		79.1	57	58.8	31	99.2	58.9	65.2	59.5	72.8	57.9
Limagrain	L11548	C	92.0	7	56.8	34	103.2	57.8	82.1	57.7	90.8	54.9
Limagrain	L11549	C	86.7	33	59.2	32	100.9	59.2	75.1	59.7	84.0	58.8
Limagrain	L11617	C	78.4	59	57.6	29	91.6	55.6	66.4	58.5	77.1	58.6
Limagrain	L11719	C	81.9	54	57.6	30	93.0	59.0	72.0	57.1	80.9	56.7
Miller Bros Farm and Fert.	L214	G	78.9	58	57.2	33	88.1	55.5	69.9	60.5	78.6	55.6
Miller Bros Farm and Fert.	L334	U	62.0	64	59.2	33	76.0	56.8	60.4	60.9	49.5	59.8
USG	3118	C	73.2	63	60.2	30	83.7	60.0	64.8	61.9	71.1	58.6
USG	3197	C	84.1	45	56.0	32	99.5	57.5	71.3	57.0	81.4	53.6
USG	3228	C	82.7	52	56.4	33	101.5	55.6	68.9	58.4	77.9	55.1
USG	3329	C	88.8	22	56.7	34	97.8	54.2	83.1	59.8	85.3	56.1
USG	3404	C	90.2	12	58.3	33	101.6	57.7	80.6	59.4	88.4	57.8
USG	3448	C	85.1	40	59.2	30	98.5	59.0	68.8	58.9	88.0	59.8
Virginia Crop Impr. Assoc.	Hilliard	G	85.7	36	58.6	34	100.2	58.1	69.3	60.0	87.6	57.7
Virginia Crop Impr. Assoc.	VA12W-68	G	83.6	48	58.5	32	97.6	56.9	71.0	59.0	82.1	59.6
	Trial Mean		85.6		57.7	32	99.0	57.0	75.4	58.5	82.5	57.7
	LSD, 10%		5.2		1.6	1	8.2	3.5	7.0	3.1	5.9	2.4
	CV, %		11.2		5.0	6	6.1	4.6	6.9	3.9	5.3	3.0

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

²Lodging score: 0= no lodging, 5= most all plants lodged.