

**Table 1. Southern Illinois regional wheat variety trial results, 2010**

Company	Variety	ST <sup>1</sup>	Regional Average			Dixon Springs			Brownstown		
			Yield bu/ac	Yield Rank 1 to 61	Test wt. lb/bu	Yield bu/ac	Test wt. lb/bu	Height in.	Yield bu/ac	Test wt. lb/bu	Height in.
AgriMAXX	403	C	63.9	42	51.9	60.5	50.2	27	67.3	53.6	31
AgriMAXX	490	C	63.6	44	56.5	59.5	55.6	29	67.8	57.5	35
AgriMAXX	499	C	66.0	33	56.6	61.8	55.4	31	70.2	57.8	35
AgriMAXX	X1017	C	78.1	3	53.9	70.9	53.0	28	85.3	54.8	32
AgriPro/Syngenta	BRANSON	C	65.8	35	52.3	59.0	49.8	29	72.5	54.9	33
AgriPro/Syngenta	W1104	C	69.5	15	51.6	68.9	50.4	30	70.1	52.9	34
AgriPro/Syngenta	W1377	C	62.4	51	55.8	58.1	54.4	32	66.7	57.2	38
Beck's Hybrids	Beck 113	S	74.3	5	54.3	72.6	52.1	32	76.0	56.4	33
Beck's Hybrids	Beck 122	S	66.3	30	53.8	66.2	52.4	34	66.4	55.1	36
Beck's Hybrids	Beck 134	S	68.5	19	53.6	64.3	52.9	27	72.7	54.3	32
Beck's Hybrids	Beck 135	S	78.5	2	54.3	76.8	53.8	31	80.2	54.8	34
Beck's Hybrids	Beck 87	S	62.5	50	57.0	61.0	56.8	30	63.9	57.2	34
BioTown Seeds	Diener 487W	C	68.7	18	57.5	72.4	56.2	30	64.9	58.9	32
BioTown Seeds	Diener XW 90	C	61.2	56	54.0	61.5	52.4	30	60.8	55.6	32
BioTown Seeds	Diener XW 92	C	74.1	6	55.3	82.2	55.7	35	65.9	54.9	39
Brownstown Ag Center	EXCEL 170	M	58.4	59	51.6	46.6	46.2	28	70.1	56.9	34
Delta Grow Seed	DG 5900	F	62.7	49	57.7	65.3	57.2	30	60.1	58.1	32
Direct Enterprises	DW Exp 106	M	66.3	31	52.8	70.6	51.5	34	61.9	54.1	36
Direct Enterprises	DW Exp 109	M	69.7	13	52.5	73.3	52.0	32	66.1	53.1	34
Dyna-Gro	9922	C	63.2	46	54.6	61.1	52.6	31	65.2	56.6	35
Dyna-Gro	9031	C	61.6	54	56.4	57.7	55.1	31	65.6	57.8	36
Dyna-Gro	9012	C	67.3	24	55.4	64.1	54.4	29	70.6	56.3	33
Dyna-Gro	9053	C	76.9	4	51.8	72.2	50.4	30	81.6	53.2	34
Excel Brands	EXCEL 209	N	62.3	52	54.4	52.3	52.2	29	72.4	56.6	33
Excel Brands	EXCEL 242	M	72.2	7	53.8	67.1	52.1	31	77.2	55.4	36
Excel Brands	EXCEL 302	M	67.7	21	52.8	62.6	49.6	31	72.7	56.1	34
Excel Brands	EXCEL 341	M	71.6	9	54.7	69.9	53.7	32	73.3	55.6	39
Excel Brands	EXCEL 357	M	63.2	45	54.8	57.6	52.3	32	68.8	57.2	36
Exsegen	Dinah	F	71.0	10	56.4	62.1	54.2	30	79.9	58.6	34
Exsegen	Lois	F	65.3	38	49.0	60.0	46.3	28	70.6	51.7	33
Exsegen	Phebe	F	72.2	8	53.8	70.7	52.0	32	73.6	55.7	34
Green Valley Seed	Willcross 740	F	68.2	20	52.9	71.1	50.8	31	65.2	55.0	32
Green Valley Seed	Willcross 748	F	65.3	39	53.2	60.7	51.5	35	69.9	54.8	36
GROWMARK	FS 600	C	67.6	22	53.6	59.4	50.8	29	75.9	56.3	33
GROWMARK	FS 610	C	62.9	47	55.6	56.4	53.2	30	69.3	57.9	36
GROWMARK	FS 620	C	62.7	48	57.7	55.9	57.7	29	69.6	57.8	34
GROWMARK	FS 628	C	64.7	41	53.5	64.2	52.2	33	65.1	54.8	35
GROWMARK	FS 630	C	67.0	28	54.0	69.1	53.2	33	65.0	54.8	37
Hoffman Seed House	EXCEL 180	C	66.6	29	56.2	61.3	55.2	32	71.9	57.2	35
Hoffman Seed House	EXCEL 209	C	69.4	16	55.6	63.7	54.2	30	75.2	57.0	36
Hoffman Seed House	EXCEL 242	N	60.3	58	51.6	51.6	47.4	30	68.9	55.7	35
Hoffman Seed House	H7W06	C	63.7	43	51.3	53.1	48.9	27	74.4	53.7	32
Hoffman Seed House	H7W09	C	61.4	55	50.3	54.7	48.4	32	68.0	52.1	34
Hoffman Seed House	H7W10	C	70.3	12	56.0	69.5	55.6	30	71.0	56.5	32
Horizon Genetics	H 755W	G	69.6	14	55.0	66.4	53.4	28	72.9	56.5	33
Kitchen Seed Company	KSC 409W	M	62.1	53	55.8	56.9	54.0	31	67.2	57.7	33
Kitchen Seed Company	KSC 410W	M	65.9	34	57.9	64.6	57.7	29	67.2	58.1	35
Lewis Hybrids	Lewis 830	G	65.6	36	53.2	59.8	51.3	35	71.3	55.0	36
Lewis Hybrids	Lewis 835	G	69.2	17	56.7	66.1	55.0	30	72.3	58.3	37
Miller Bros Farm & Fert	EXCEL 173	C	67.3	25	55.0	63.2	53.9	32	71.4	56.2	34
Miller Bros Farm & Fert	EXCEL 234	M	65.0	40	57.3	65.6	56.4	30	64.3	58.3	34
MWS Seeds LLC	MWS 207	F	67.3	26	56.5	61.6	54.5	30	72.9	58.6	36
MWS Seeds LLC	MWS 420	F	65.5	37	55.2	66.5	55.3	34	64.5	55.0	39
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	F	66.1	32	52.5	69.4	52.2	31	62.7	52.8	31
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R54	F	67.1	27	55.0	65.3	54.0	32	68.9	55.9	34
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	F	70.7	11	51.0	61.4	49.1	29	80.0	52.9	33
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	F	67.4	23	54.7	61.5	53.3	28	73.3	56.0	33
Sunstar Hybrids	S-1200	F	79.8	1	54.0	74.5	52.7	29	85.1	55.3	34
Sunstar Hybrids	S-2100	F	61.2	57	53.9	59.8	51.7	31	62.6	56.1	33
Virginia Tech	Jamestown	F	54.7	61	54.7	53.6	53.1	30	55.7	56.3	31
Virginia Tech	Merl	F	57.1	60	54.3	59.0	52.4	31	55.1	56.2	31
	Trial Mean		66.2		54.3	63.2	52.9	31	69.3	55.8	34
	LSD, 10%		9.6		2.4	5.8	1.8	2	6.9	0.7	2
	CV, %		15.0		4.5	6.7	2.5	4	7.4	1.0	4

Averaged over two varieties in the Southern Region, treatment insecticide (Cruiser) increased yield by 2.0 bushels/acre.

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