

Table 1. Southern Illinois regional wheat variety trial results, 2009

Company	Variety	Regional Average			Dixon Springs			Belleville		
		Yield	Yield Rank	Test wt.	Yield	Test wt.	Height	Yield	Test wt.	Height
		bu/ac	1 to 64	lb/bu	bu/ac	lb/bu	in.	bu/ac	lb/bu	in.
AgriPro	BRANSON	84.6	14	52.2	74.7	52.8	30	94.4	51.7	36
AgriPro	W1104	85.8	10	51.3	82.8	51.7	33	88.9	50.9	36
AgriPro	W1377	79.3	37	55.1	76.2	54.9	33	82.4	55.3	39
Beck's Hybrids	Beck 113	84.8	13	51.9	76.4	50.1	33	93.1	53.7	36
Beck's Hybrids	Beck 122	85.0	12	52.7	80.9	51.7	36	89.2	53.7	41
Beck's Hybrids	Beck 766	80.6	34	54.0	75.5	53.7	34	85.7	54.3	38
Beck's Hybrids	Beck 766 Cruiser	82.5	24	54.2	74.6	53.2	30	90.4	55.2	40
Beck's Hybrids	Beck 817	73.8	59	52.9	68.4	53.4	34	79.3	52.3	37
Beck's Hybrids	Beck 817 Cruiser	77.2	45	53.1	70.6	52.8	31	83.7	53.4	37
Beck's Hybrids	Beck 857	75.7	54	48.9	72.7	49.3	32	78.7	48.4	41
Beck's Hybrids	Beck 857 Cruiser	78.3	42	49.2	73.1	49.2	34	83.5	49.3	38
BioTown Seeds	Diener 496	76.3	50	50.5	75.3	49.4	33	77.4	51.6	38
BioTown Seeds	Diener XW 70	83.4	21	55.6	81.9	55.3	33	84.8	56.0	37
BioTown Seeds	Diener XW 81	74.8	57	50.4	64.4	50.8	31	85.2	50.0	38
Coops Creek Acres	EXCEL 170	72.1	60	53.0	62.5	52.0	29	81.7	54.0	38
Coops Creek Acres	EXCEL 170 Macho	81.2	32	54.5	71.8	53.5	32	90.5	55.5	37
Coops Creek Acres	EXCEL 209	88.7	3	53.8	80.9	53.6	32	96.4	54.0	39
Coops Creek Acres	EXCEL 209 Macho	86.3	7	54.5	75.1	54.5	32	97.5	54.5	37
Crop Production Services	9922	78.7	40	53.2	71.1	53.2	31	86.3	53.2	37
Crop Production Services	DG404	84.3	16	51.8	77.6	51.4	35	90.9	52.1	41
Crop Production Services	Shirley	77.4	44	49.2	78.6	49.9	31	76.2	48.4	37
Crop Production Services	V9710	76.9	47	53.1	66.2	52.5	31	87.5	53.8	32
Crop Production Services	V9723	82.1	26	52.3	73.6	52.2	36	90.5	52.5	39
Crop Production Services	V9812	75.9	51	49.9	68.9	49.8	32	82.8	50.0	38
GROWMARK	FS 610	83.4	20	56.9	77.1	57.9	32	89.7	55.9	39
GROWMARK	FS 618	83.4	19	52.5	77.4	51.9	33	89.5	53.0	40
GROWMARK	FS 628	81.3	30	51.5	74.6	51.3	33	88.0	51.8	43
GROWMARK	FS 637	75.8	53	49.1	69.2	48.8	34	82.4	49.4	37
GROWMARK	FS 659	74.5	58	49.8	68.9	49.3	33	80.0	50.2	38
Haas Seed House	EXCEL 343	81.3	31	52.6	80.3	52.5	31	82.2	52.7	38
Haas Seed House	EXCEL 343 Cruiser	84.1	18	53.1	78.8	52.8	31	89.5	53.4	37
Hoffman Seed House	EXCEL 180	86.5	6	56.1	81.7	55.7	32	91.3	56.4	39
Hoffman Seed House	EXCEL 180 Cruiser	91.0	1	56.6	83.4	56.2	33	98.5	56.9	40
Hoffman Seed House	EXCEL 180 Macho	89.7	2	56.5	82.9	56.6	34	96.4	56.5	39
Hoffman Seed House	EXCEL 286	80.0	36	52.3	76.1	52.0	33	83.8	52.6	42
Hoffman Seed House	EXCEL 286 Macho	83.3	22	52.5	80.5	50.4	34	86.0	54.6	43
Hoffman Seed House	EXCEL 367	74.8	56	53.1	73.5	54.3	33	76.0	51.9	37
Hoffman Seed House	EXCEL 367 Cruiser	75.8	52	53.4	70.7	53.9	34	81.0	52.8	37
Hoffman Seed House	EXCEL 367 Macho	80.0	35	53.5	75.5	54.7	34	84.5	52.3	36
Kitchen Seed Company	KSC 407W	82.9	23	52.7	76.7	52.7	34	89.1	52.7	41
Kitchen Seed Company	KSC 408W	84.4	15	53.2	85.1	54.8	36	83.7	51.7	43
Kitchen Seed Company	KSC 409W	79.0	39	56.7	74.0	56.3	32	84.0	57.0	40
Lewis Hybrids	Lewis 830	86.0	8	52.0	78.1	51.4	35	93.8	52.6	40
Lewis Hybrids	Lewis 835	81.3	29	56.5	77.6	56.2	32	85.1	56.7	39
Miles Seed	Anna	71.6	61	48.7	62.6	47.8	29	80.6	49.6	33
Miles Seed	Dinah	81.9	27	55.9	77.1	56.1	32	86.7	55.7	38
Miles Seed	Lois	80.7	33	50.3	76.3	50.2	31	85.1	50.5	37
Miller Bros Farm & Fert	EXCEL 173	81.5	28	55.5	72.1	55.4	34	90.9	55.5	38
Miller Bros Farm & Fert	EXCEL 173 Cruiser	86.9	5	54.7	79.3	54.1	35	94.6	55.4	40
Miller Bros Farm & Fert	EXCEL 173 Macho	85.3	11	55.2	73.5	54.8	33	97.1	55.7	41
MWS Seeds LLC	MWS 135	84.1	17	51.9	75.2	51.1	35	93.1	52.7	39
MWS Seeds LLC	MWS 225	85.9	9	56.4	79.2	55.9	31	92.7	56.9	40
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R47	88.6	4	49.6	84.8	49.8	31	92.4	49.4	37
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R54	77.5	43	52.7	73.0	52.4	33	82.1	53.0	38
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R56	75.4	55	50.8	68.3	52.0	30	82.5	49.6	37
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R62	82.1	25	50.1	78.9	49.7	32	85.2	50.4	38
Pioneer Hi-Bred Int'l, Inc.	Pioneer 25R78	76.7	49	51.8	67.1	50.1	32	86.4	53.4	36
Public	Kaskaskia	76.8	48	55.5	70.9	55.4	34	82.6	55.6	40
Steyer Seeds	Geary	77.0	46	49.5	73.1	49.0	34	81.0	50.0	39
Steyer Seeds	Jordan	78.7	41	54.2	76.0	54.1	32	81.4	54.2	37
Virginia Tech	Jamestown	71.3	62	54.2	62.7	54.7	31	79.8	53.7	37
Virginia Tech	Merl	70.5	63	50.9	62.4	50.9	32	78.5	50.8	36
Virginia Tech	Roane	70.1	64	54.9	67.4	55.0	30	72.8	54.8	36
Virginia Tech	VA04W-90	79.1	38	54.1	73.3	54.6	32	84.9	53.6	37
	Trial Mean	80.6		52.9	74.5	52.7	32	86.7	53.0	38
	LSD, 10%	6.8		1.5	5.9	1.5	3	5.6	1.1	2
	CV, %	8.7		3.0	5.9	2.0	6	4.7	1.5	4

Averaged over ten varieties in the Southern Region, insecticide seed treatment increased yield by 3.7 bushels/acre.