

Table 1. Southern Illinois regional wheat variety trial results, 2006

Company	Variety	Regional Average			Dixon	Belleville	Brownstown
		Yield	Yield Rank	Test wt	Springs Yield	Yield	Yield
Adler Seeds	545	56.2	64	58.1	62.1	54.3	52.3
Adler Seeds	575	67.4	19	57.5	74.2	67.2	60.7
Adler Seeds	625	64.4	29	56.9	65.3	64.3	63.6
AgriPro COKER	9312	70.1	10	58.1	69.3	67.4	73.6
AgriPro COKER	9436	57.5	55	56.8	55.2	62.9	54.2
AgriPro COKER	9511	64.7	27	59.1	60.2	63.6	70.2
AgriPro COKER	9553	64.4	28	59.9	64.2	64.3	64.8
AgriPro COKER	Benton	65.3	24	56.7	58.9	64.8	72.1
AgriPro COKER	Branson	68.6	13	57.6	74.9	64.4	66.4
AgriPro COKER	Cooper	68.4	14	58.4	72.6	67.9	64.7
Brown Seed Enterprises	766	69.8	11	58.2	66.8	63.2	79.4
Brown Seed Enterprises	777	53.2	69	58.5	53.6	55.9	50.3
Brown Seed Enterprises	X21	66.1	21	58.3	74.3	67.9	56.1
Brown Seed Enterprises	X27	65.9	22	58.6	71.3	62.4	63.9
Excel Brand Seeds	173	73.6	2	58.5	70.9	70.3	79.7
Excel Brand Seeds	176	53.7	68	58.1	47.7	52.8	60.4
Excel Brand Seeds	211	60.4	43	58.1	55.9	58.1	67.2
Excel Brand Seeds	211 Cruiser	57.1	59	57.4	50.4	53.9	67.0
Excel Brand Seeds	307	63.0	32	58.4	68.2	61.8	59.0
Excel Brand Seeds	361	58.8	50	58.8	59.4	61.2	55.9
Excel Brand Seeds	392 TW	65.2	25	59.2	66.6	67.9	61.2
Excel Brand Seeds	392 TW Cruiser	73.2	4	58.6	75.4	74.0	70.4
Excel Brand Seeds	399	59.8	45	58.1	62.8	66.3	50.3
Excel Brand Seeds	400-1	62.0	34	58.2	66.5	56.7	62.9
Excel Brand Seeds	410 TW	59.7	47	58.5	67.7	58.9	52.6
FS Seeds	FS 634	56.8	62	58.0	53.7	56.6	60.2
FS Seeds	FS 637	68.2	16	57.9	72.9	67.4	64.3
FS Seeds	FS 645	70.3	9	59.7	71.0	69.3	70.6
FS Seeds	FS 8302	72.7	5	58.0	61.7	73.4	83.1
FS Seeds	FS 8309	61.3	37	57.2	56.1	59.3	68.6
JGL	Exp 603	57.3	57	57.6	60.2	56.4	55.4
JGL	Exp 604	60.9	39	56.4	60.3	61.4	61.0
Lewis Hybrids	823	59.1	49	57.7	63.1	52.1	62.2
Lewis Hybrids	841	68.2	17	58.3	72.3	65.4	67.0
Lewis Hybrids	860	58.1	54	57.4	61.1	60.6	52.6
Merschman Seeds	Barbie VII	61.1	38	58.1	64.7	62.2	56.4
Merschman Seeds	Bintee VII	56.9	61	56.8	57.1	53.2	60.4
Merschman Seeds	Genie IX	57.0	60	57.7	59.6	57.9	53.6
Merschman Seeds	Katie X	55.1	66	57.7	55.6	56.0	53.8
Miles Seed	Judith	56.2	65	57.6	55.2	55.8	57.6
Miles Seed	Leah	60.6	42	57.6	61.0	67.4	53.3
Miles Seed	Lydia	71.2	8	59.1	71.2	70.8	71.6
Miles Seed	Rachel	64.3	30	57.9	55.3	63.8	73.8
Ohio Seed Improvement	Bravo	57.4	56	58.9	63.0	55.4	53.6
Pioneer HI-Bred International	25R47	72.4	6	56.6	77.7	68.5	70.9
Pioneer HI-Bred International	25R54	80.1	1	57.1	71.1	81.5	87.9
Pioneer HI-Bred International	25R63	71.2	7	58.3	76.7	68.3	68.5
Pioneer HI-Bred International	25R78	73.6	3	58.6	66.9	72.8	81.2
Public	Cardinal	49.0	70	55.2	54.0	50.3	42.8
Public	Ernie	57.3	58	56.5	65.8	45.3	60.9
Public	Kaskaskia	60.8	40	60.6	67.4	62.4	52.7
Public	Madison	56.5	63	56.0	53.1	52.4	64.1
Public	McCormick	59.6	48	60.7	59.2	58.0	61.7
Public	Patterson	48.5	71	58.2	50.5	49.1	45.8
Public	Roane	63.4	31	60.5	66.4	70.2	53.6
Public	Sisson	68.3	15	56.9	68.0	61.1	75.8
Public	Truman	54.6	67	56.0	54.0	51.8	58.1
Royster-Clark	V9410	58.5	52	58.6	59.4	56.0	60.2
Royster-Clark	V9412	65.0	26	58.3	71.0	65.5	58.4
Royster-Clark	V9512	58.2	53	58.3	59.9	60.2	54.5
Royster-Clark	V9611	67.6	18	57.5	68.6	68.4	65.6
Steyer Seeds	McLane	65.7	23	58.3	66.0	68.9	62.2
Steyer Seeds	Merrell	68.6	12	58.3	75.4	63.8	66.5
Steyer Seeds	Morrall	61.9	35	57.6	61.9	65.1	58.7
Steyer Seeds	Wiser	59.8	44	58.3	63.2	61.8	54.5
UAP	DG 401	62.7	33	58.2	61.6	56.6	69.8
UAP	DG 410	61.6	36	57.9	60.2	58.4	66.3
UAP	DG 415	59.7	46	58.0	62.6	55.3	61.3
UAP	DG 421	66.5	20	58.4	71.4	67.1	61.2
UAP	DG 427	60.7	41	58.2	58.0	61.6	62.4
Wilken Seed Grains	W-102	58.8	51	57.9	56.2	58.9	61.4
	Trial Mean	63.6		58.1	64.3	63.0	63.6
	LSD, 10%	7.3		1.2	7.7	4.3	7.2
	CV, %	14.8		2.6	11.5	6.5	10.8

Averaged over four varieties in the Southern Region, Gaucho seed treated increased yield by 8.6 bushels/acre.