

Table 1. Southern Illinois regional wheat variety trial results, 2005

Company	Entry	Regional Average			Dixon Springs	Belleville	Brownstown
		Yield	Yield Rank	Test wt	Yield	Yield	Yield
AgriPro COKER	Benton	86.0	7	60.9	82.5	97.0	78.6
AgriPro COKER	Cooper	84.1	19	61.3	82.9	95.7	73.8
AgriPro COKER	Branson	86.1	6	60.6	85.8	92.5	80.1
Brown Seed Enterprises	766	79.3	46	61.5	81.9	88.6	67.5
Brown Seed Enterprises	W36	73.5	70	60.7	74.5	84.7	61.4
Brown Seed Enterprises	X21	88.3	3	61.7	80.9	94.1	89.9
Brown Seed Enterprises	X27	83.0	25	60.9	86.5	91.7	70.7
Diener Seeds	DXW 46	76.7	62	59.9	83.9	81.1	65.0
Diener Seeds	DXW 47	80.0	40	60.8	87.2	84.7	68.1
Diener Seeds	XW 45	84.6	15	63.0	83.7	95.5	74.6
Excel Brand Seeds	201	78.5	50	61.8	76.5	90.9	68.2
Excel Brand Seeds	211	82.6	30	61.6	85.5	91.6	70.6
Excel Brand Seeds	307	81.1	33	60.8	78.0	94.3	71.1
Excel Brand Seeds	333	74.3	67	60.8	74.2	84.3	64.4
Excel Brand Seeds	392	82.8	27	62.8	83.0	95.8	69.7
Excel Brand Seeds	399	84.6	16	61.8	85.5	97.5	70.7
Excel Brand Seeds	354 tw	80.0	41	62.5	77.9	86.1	76.0
Excel Brand Seeds	400-1	84.3	18	61.8	85.5	91.7	75.5
Excel Brand Seeds	410 tw	80.6	37	62.0	90.7	85.9	65.4
GROWMARK	FS 621	80.9	36	59.3	83.0	89.3	70.3
GROWMARK	FS 634	83.2	22	61.1	86.5	91.7	71.5
GROWMARK	FS 652	83.1	23	60.2	78.1	93.0	78.2
GROWMARK	FS 8302	82.9	26	62.0	86.1	95.3	67.3
GROWMARK	FS 8309	79.7	43	60.8	76.6	94.8	67.7
JGL	EXP 501	85.3	10	62.1	83.0	90.5	82.4
JGL	EXP Sabre	82.6	29	60.8	83.3	95.3	69.1
Lewis Hybrids	850	77.9	54	61.1	84.0	83.0	66.7
Lewis Hybrids	855	86.9	4	61.6	84.9	95.8	80.0
Merschman Seeds	Barbie VII	79.4	45	61.3	87.0	86.7	64.4
Merschman Seeds	Bintee VII	77.2	59	61.7	76.1	88.2	67.2
Merschman Seeds	Genie IX	83.9	20	60.9	87.9	94.0	69.9
Merschman Seeds	Katie X	79.6	44	61.1	74.7	93.3	70.9
Miles Seed	Judith	78.0	52	60.6	90.3	77.3	66.4
Miles Seed	Leah	80.9	35	61.2	86.2	86.3	70.2
Miles Seed	Rachel	78.6	49	61.1	85.4	85.3	65.3
Ohio Seed Improvement Assoc	Bravo	74.5	66	61.2	77.7	78.6	67.3
Pioneer HI-Bred International	25R37	77.6	58	61.1	84.2	78.3	70.4
Pioneer HI-Bred International	25R47	89.5	2	60.0	93.4	95.6	79.5
Pioneer HI-Bred International	25R54	84.8	12	60.4	86.6	95.4	72.5
Pioneer HI-Bred International	25R78	86.0	8	61.5	81.8	93.7	82.6
Public	Cardinal	76.0	64	60.2	73.0	79.7	75.1
Public	Clark	71.9	71	60.2	63.3	78.0	74.5
Public	Ernie	75.1	65	60.2	72.4	81.7	71.2
Public	Kaskaskia	79.7	42	63.0	89.5	81.8	67.8
Public	Madison	80.5	38	60.0	84.3	88.1	69.1
Public	McCormick	76.8	61	63.9	78.7	81.9	69.9
Public	Patterson	70.4	72	61.5	70.9	82.3	57.9
Public	Roane	77.1	60	62.8	84.1	81.3	65.9
Public	Sisson	89.8	1	61.9	81.8	98.6	89.1
Public	Truman	83.1	24	60.3	74.6	90.5	84.1
Royster-Clark	V9410	79.3	47	60.5	76.3	81.8	79.7
Royster-Clark	V9412	83.9	21	61.9	76.1	94.2	81.3
Royster-Clark	V9512	78.9	48	60.4	72.5	88.1	76.1
Royster-Clark	V9513	77.9	55	61.1	84.0	85.6	64.0
Steyer Seeds	Alma	84.6	14	60.6	88.9	92.3	72.6
Steyer Seeds	Besecker	77.9	53	60.8	78.3	86.6	68.9
Steyer Seeds	Coffman	81.1	34	60.9	80.4	96.1	66.7
Steyer Seeds	McLane	85.2	11	62.3	85.1	94.7	75.7
Steyer Seeds	Merrell	86.0	9	62.5	91.9	91.4	74.8
Steyer Seeds	Wiley	84.4	17	62.3	80.2	93.2	79.9
Steyer Seeds	Wilson	86.3	5	61.3	88.6	93.7	76.6
Syngenta Seeds	B 980006	74.2	68	61.0	74.5	81.5	66.7
Syngenta Seeds	B 980416	77.9	56	60.4	88.8	78.6	66.2
Syngenta Seeds	B 980582	78.5	51	62.9	84.6	87.6	63.2
Syngenta Seeds	Coker 9312	76.6	63	61.3	89.3	78.7	61.9
Syngenta Seeds	Coker 9436	84.7	13	59.6	81.3	93.5	79.5
Syngenta Seeds	Coker 9663	77.8	57	61.2	78.2	81.6	73.7
UAP Richter	DG 401	82.6	28	60.8	80.4	91.0	76.6
UAP Richter	DG 410	81.6	32	61.5	82.1	94.3	68.4
UAP Richter	DG 415	80.5	39	60.8	81.4	87.4	72.7
UAP Richter	DG 444	73.7	69	61.8	80.9	74.6	65.6
Wilken Seed Grains	W-102	81.6	31	60.8	83.1	83.1	78.5
	Trial Mean	81.1		61.3	82.6	88.6	72.0
	LSD, 10%	7.3		0.9	8.1	7.9	8.1
	CV, %	11.6		1.9	7.3	6.6	8.3

Averaged over four varieties in the Southern Region, Gauchó seed treated increased yield by 2.8 bushels/acre.