

Table 5. Results of the 2005 wheat variety trial at Brownstown, in south central Illinois.

<u>Company</u>	<u>Variety</u>	<u>Yield</u>	<u>Yield Rank</u>	<u>Test wt.</u>	<u>Height</u>	<u>2-yr avg</u>	<u>3-yr avg</u>
						<u>2003,05</u>	<u>2001,03,05</u>
AgriPro COKER	Benton	78.6	13	61.5	32.0	89.3	89.3
AgriPro COKER	Branson	80.1	7	61.9	34.0		
AgriPro COKER	Cooper	73.8	26	62.7	34.7		
Brown Seed Enterprises	766	67.5	52	61.9	34.0		
Brown Seed Enterprises	W36	61.4	71	61.5	36.3		
Brown Seed Enterprises	X21	89.9	1	61.5	37.7		
Brown Seed Enterprises	X27	70.7	36	61.9	39.0		
Diener Seeds	DXW 46	65.0	65	60.2	38.3		
Diener Seeds	DXW 47	68.1	49	60.7	38.0		
Diener Seeds	XW 45	74.6	24	63.1	35.0		
Excel Brand Seeds	201	68.2	48	62.7	39.3	82.2	
Excel Brand Seeds	211	70.6	37	62.3	40.7	86.1	
Excel Brand Seeds	307	71.1	33	61.5	38.7	87.6	85.6
Excel Brand Seeds	333	64.4	67	61.1	37.3	81.1	
Excel Brand Seeds	392	69.7	43	63.5	38.7		
Excel Brand Seeds	399	70.7	35	62.6	38.7		
Excel Brand Seeds	354 tw	76.0	19	63.1	35.0		
Excel Brand Seeds	400-1	75.5	21	62.3	39.0	89.3	85.8
Excel Brand Seeds	410 tw	65.4	63	63.5	38.3		
GROWMARK	FS 621	70.3	39	59.8	35.7	78.6	77.9
GROWMARK	FS 634	71.5	31	61.4	37.0		
GROWMARK	FS 652	78.2	15	61.9	33.0	86.8	
GROWMARK	FS 8302	67.3	54	61.8	33.7		
GROWMARK	FS 8309	67.7	51	60.7	36.3		
JGL	EXP 501	82.4	5	63.5	34.7		
JGL	EXP Sabre	69.1	45	61.9	38.7		
Lewis Hybrids	850	66.7	56	61.9	38.7		
Lewis Hybrids	855	80.0	8	61.5	40.7		
Merschman Seeds	Barbie VII	64.4	66	61.5	39.3		
Merschman Seeds	Bintee VII	67.2	55	62.7	38.7		
Merschman Seeds	Genie IX	69.9	42	61.1	38.7		
Merschman Seeds	Katie X	70.9	34	61.9	39.7		
Miles Seed	Judith	66.4	59	61.4	37.3		
Miles Seed	Leah	70.2	40	61.9	33.3		
Miles Seed	Rachel	65.3	64	61.5	35.3		
Ohio Seed Improvement Assoc	Bravo	67.3	53	61.1	38.0	81.0	
Pioneer HI-Bred International	25R37	70.4	38	61.5	33.3	85.7	87.9
Pioneer HI-Bred International	25R47	79.5	11	60.7	34.3	89.0	
Pioneer HI-Bred International	25R54	72.5	30	60.7	35.0		
Pioneer HI-Bred International	25R78	82.6	4	61.1	33.7	92.0	
Public	Cardinal	75.1	22	61.0	43.3	85.9	83.3
Public	Clark	74.5	25	61.4	38.0	79.6	73.8
Public	Ernie	71.2	32	61.5	34.7	82.2	79.6
Public	Kaskaskia	67.8	50	63.1	40.3	80.6	79.5
Public	Madison	69.1	44	60.7	37.3	77.8	77.3
Public	McCormick	69.9	41	64.9	33.0	81.4	
Public	Patterson	57.9	72	61.9	37.0	75.8	73.6
Public	Roane	65.9	61	62.8	33.3	76.9	76.5
Public	Sisson	89.1	2	62.7	33.7	91.3	90.1
Public	Truman	84.1	3	61.9	38.0		
Royster-Clark	V9410	79.7	10	61.1	39.3		
Royster-Clark	V9412	81.3	6	61.9	35.7		
Royster-Clark	V9512	76.1	18	61.5	41.0		
Royster-Clark	V9513	64.0	68	61.9	37.3		
Steyer Seeds	Alma	72.6	29	61.5	33.7		
Steyer Seeds	Besecker	68.9	46	62.3	39.7		
Steyer Seeds	Coffman	66.7	57	61.1	38.0		
Steyer Seeds	McLane	75.7	20	63.1	40.3		
Steyer Seeds	Merrell	74.8	23	63.1	35.7		
Steyer Seeds	Wiley	79.9	9	62.7	34.3		
Steyer Seeds	Wilson	76.6	16	62.3	33.7		
Syngenta Seeds	B 980006	66.7	58	61.5	37.0		
Syngenta Seeds	B 980416	66.2	60	61.5	34.0		
Syngenta Seeds	B 980582	63.2	69	62.7	36.3		
Syngenta Seeds	Coker 9312	61.9	70	63.2	33.3		
Syngenta Seeds	Coker 9436	79.5	12	60.7	32.7		
Syngenta Seeds	Coker 9663	73.7	27	61.4	40.0	80.6	78.9
UAP Richter	DG 401	76.6	17	61.5	39.0	88.4	
UAP Richter	DG 410	68.4	47	62.4	39.0		
UAP Richter	DG 415	72.7	28	61.4	36.7	84.8	
UAP Richter	DG 444	65.6	62	63.2	39.0		
Wilken Seed Grains	W-102	78.5	14	61.9	40.3	89.1	
	Trial Mean	72.0		62.0	36.9	84.1	81.4
	LSD, 10%	8.1		1.4	2.4		
	CV, %	8.3		1.7	4.8		

Averaged over four varieties in this location, Gaucho seed treated increased yield by 4.1 bushels/acre.