

**Table 5. Results of the 2006 wheat variety trial at Brownstown, in south central Illinois.**

<u>Company</u>	<u>Variety</u>	<u>Yield</u>	<u>Yield</u>		<u>Test wt.</u>	<u>Height</u>	<u>2-yr avg</u>	<u>3-yr avg</u>
			<u>Rank</u>				<u>2005-06</u>	<u>2004-06</u>
Adler Seeds	545	52.3	67	58.5	39.7			
Adler Seeds	575	60.7	42	57.5	38.0			
Adler Seeds	625	63.6	30	57.1	38.7			
AgriPro COKER	9312	73.6	8	58.3	38.3	67.8		
AgriPro COKER	9436	54.2	58	55.7	35.3	66.8		
AgriPro COKER	9511	70.2	14	59.5	40.0			
AgriPro COKER	9553	64.8	25	59.2	35.3			
AgriPro COKER	Benton	72.1	9	57.4	35.0	75.4	83.5	
AgriPro COKER	Branson	66.4	22	57.2	37.3	73.2		
AgriPro COKER	Cooper	64.7	26	58.0	37.3	69.3		
Brown Seed Enterprises	766	79.4	5	58.4	38.0	73.4		
Brown Seed Enterprises	777	50.3	69	57.1	38.0			
Brown Seed Enterprises	X21	56.1	53	57.0	33.0	73.0		
Brown Seed Enterprises	X27	63.9	29	58.2	38.0	67.3		
Excel Brand Seeds	173	79.7	4	58.6	36.3			
Excel Brand Seeds	176	60.4	43	58.3	41.3			
Excel Brand Seeds	211	67.2	18	58.7	38.0	68.9	79.8	
Excel Brand Seeds	211 Cruiser	67.0	19	58.1	39.3			
Excel Brand Seeds	307	59.0	47	57.5	37.3	65.1	78.1	
Excel Brand Seeds	361	55.9	54	58.4	39.0			
Excel Brand Seeds	392 TW	61.2	39	59.9	35.7	65.4		
Excel Brand Seeds	392 TW Cruiser	70.4	13	59.0	42.3			
Excel Brand Seeds	399	50.3	68	57.7	39.3	60.5		
Excel Brand Seeds	400-1	62.9	31	57.1	38.7	69.2	80.5	
Excel Brand Seeds	410 TW	52.6	66	58.0	39.0	59.0		
FS Seeds	FS 634	60.2	45	57.6	37.3	65.8		
FS Seeds	FS 637	64.3	27	57.9	38.7			
FS Seeds	FS 645	70.6	12	58.6	37.3			
FS Seeds	FS 8302	83.1	2	58.2	39.3	75.2		
FS Seeds	FS 8309	68.6	16	57.9	37.7	68.2		
JGL	Exp 603	55.4	55	56.8	36.0			
JGL	Exp 604	61.0	40	56.3	37.0			
Lewis Hybrids	823	62.2	33	57.8	36.7			
Lewis Hybrids	841	67.0	20	58.2	38.0			
Lewis Hybrids	860	52.6	65	57.2	37.7			
Merschman Seeds	Barbie VII	56.4	52	58.0	37.0	60.4		
Merschman Seeds	Bintee VII	60.4	44	56.5	38.0	63.8		
Merschman Seeds	Genie IX	53.6	62	57.4	38.0	61.7		
Merschman Seeds	Katie X	53.8	59	56.8	38.0	62.4		
Miles Seed	Judith	57.6	51	57.8	37.7	62.0		
Miles Seed	Leah	53.3	63	55.5	36.3	61.8		
Miles Seed	Lydia	71.6	10	59.2	38.7			
Miles Seed	Rachel	73.8	7	58.8	40.0	69.5		
Ohio Seed Improvement	Bravo	53.6	60	57.5	35.7	60.5	71.9	
Pioneer HI-Breed International	25R47	70.9	11	56.2	36.7	75.2	83.0	
Pioneer HI-Breed International	25R54	87.9	1	58.0	37.3	80.2		
Pioneer HI-Breed International	25R63	68.5	17	57.9	36.3			
Pioneer HI-Breed International	25R78	81.2	3	59.4	36.7	81.9	88.4	
Public	Cardinal	42.8	71	54.1	40.3	59.0	71.5	
Public	Ernie	60.9	41	56.4	36.3	66.0	75.1	
Public	Kaskaskia	52.7	64	59.4	39.3	60.2	71.3	
Public	Madison	64.1	28	56.8	38.0	66.6	73.2	
Public	McCormick	61.7	35	60.5	37.0	65.8	74.8	
Public	Patterson	45.8	70	57.6	37.0	51.9	65.8	
Public	Roane	53.6	61	59.6	38.7	59.8	69.2	
Public	Sisson	75.8	6	57.5	32.7	82.5	86.2	
Public	Truman	58.1	50	54.1	41.0	71.1		
Royster-Clark	V9410	60.2	46	58.4	39.0	69.9		
Royster-Clark	V9412	58.4	49	57.2	36.7	69.8		
Royster-Clark	V9512	54.5	57	57.3	39.0	65.3		
Royster-Clark	V9611	65.6	24	57.4	34.3			
Steyer Seed	McLane	62.2	34	57.5	40.3	68.9		
Steyer Seed	Merrell	66.5	21	57.8	36.0	70.7		
Steyer Seed	Morrall	58.7	48	56.7	33.7			
Steyer Seed	Wiser	54.5	56	57.7	38.3			
UAP	DG 401	69.8	15	58.3	38.7	73.2	82.2	
UAP	DG 410	66.3	23	58.1	39.3	67.3		
UAP	DG 415	61.3	37	57.2	40.0	67.0	77.0	
UAP	DG 421	61.2	38	57.9	37.7			
UAP	DG 427	62.4	32	58.0	37.0			
Wilken Seed Grains	W-102	61.4	36	58.1	37.7	69.9	79.8	
	Trial Mean	63.6		57.8	37.8			
	LSD, 10%	7.2		1.0	2.8			
	CV, %	10.8		1.6	7.1			

Averaged over four varieties in this location, Gaucho seed treated increased yield by 6.7 bushels/acre.