

Table 4. Results of the 2007 wheat variety trial at Belleville, in southwestern Illinois.

Company	Variety	Yield bu/ac	Yield Rank 1 to 64	Test wt. lb/bu	Height in.	2-yr avg	3-yr avg
						2006-07 bu/ac	2005-07 bu/ac
Adler Seed	Adler 565	70.2	22	57.2	32.0		
Adler Seed	Adler 575	58.5	53	55.9	29.3	62.8	
AgriPro COKER	Branson	68.0	25	58.2	29.7	66.2	75.0
AgriPro COKER	COKER 9312	60.2	51	59.5	26.3	63.8	68.8
AgriPro COKER	COKER 9511	63.3	41	62.1	30.3	63.4	
AgriPro COKER	COKER 9553	57.7	54	59.7	29.0	61.0	
AgriPro COKER	Cooper	66.5	28	56.9	27.7	67.2	76.7
AgriPro COKER	W1377	74.3	11	61.4	33.0		
Beck's Hybrids	BECK 117	64.2	36	59.6	28.7		
Beck's Hybrids	BECK 122	66.6	27	56.8	31.7		
Brown Seed Enterprises	766	62.7	42	58.9	29.0	62.9	71.5
Brown Seed Enterprises	ARISE 817	67.1	26	59.5	28.3		
Brown Seed Enterprises	ARISE 857	65.7	32	54.7	30.0		
Brown Seed Enterprises	ARISE 887	70.7	21	57.3	32.3		
Brown Seed Enterprises	ARISE X-21	64.6	34	59.7	29.3	66.3	75.5
Coops Creek Acres	EXCEL 410 TW	72.2	18	59.7	34.0	65.5	72.3
Coops Creek Acres	EXCEL 410 TW Cruiser	80.1	2	60.7	34.0		
CPS-Vigoro Seeds	Vigoro 9611	59.0	52	56.3	28.3	63.7	
CPS-Vigoro Seeds	Vigoro 9710	56.5	56	57.5	27.7		
CPS-Vigoro Seeds	Vigoro 9712	61.6	45	59.5	27.7		
CPS-Vigoro Seeds	Vigoro 9723	68.6	24	57.5	32.3		
Excel Brand Seed	EXCEL 442	78.3	3	59.3	36.3		
GROWMARK	FS 618	54.9	59	58.7	33.3		
GROWMARK	FS 628	66.2	29	57.1	32.7		
GROWMARK	FS 634	64.1	37	59.2	32.3	60.4	70.8
GROWMARK	FS 637	51.4	64	56.8	30.3	59.4	
GROWMARK	FS 645	54.0	60	58.3	29.3	61.6	
Haas Seed House	EXCEL 343	74.3	10	58.2	33.0		
Haas Seed House	EXCEL 343 Cruiser	80.5	1	58.9	34.0		
Hartke Seed Farms	EXCEL 307	66.2	30	59.5	32.3	64.0	74.1
Hoffman Seed House	EXCEL 173	63.9	38	59.1	30.7	67.1	
Hoffman Seed House	EXCEL 173 Cruiser	71.4	20	58.9	34.0		
JGL	Exp 701	64.2	35	54.1	31.7		
Kitchen Seed Company	KSC 406W	61.9	44	59.7	34.7		
Kitchen Seed Company	KSC 407W	53.0	61	58.4	32.3		
Lewis Hybrids	LEWIS 830	68.8	23	57.7	33.3		
Lewis Hybrids	LEWIS 841	55.4	58	56.1	28.7	60.4	
Miles Seed	EXSEGEN Judith	60.6	49	55.5	29.3	58.2	64.6
Miles Seed	EXSEGEN Rachel	51.7	63	56.9	26.7	57.8	66.9
Miles Seed	EXSGEN Dinah	65.2	33	59.8	29.3		
Miles Seed	EXSGEN Leah	62.2	43	57.2	28.0	64.8	72.0
Miles Seed	EXSGEN Lydia	60.8	47	59.3	29.0	65.8	
Miller Bros. Farm & Fertilizer	EXCEL 392 TW	75.1	9	59.0	35.0	71.5	79.6
Miller Bros. Farm & Fertilizer	EXCEL 392 TW Cruiser	76.9	7	59.1	33.3	75.4	
MWS Seeds	MWS 132	73.5	13	60.0	34.3		
MWS Seeds	MWS 135	72.4	16	57.3	32.7		
Pioneer Hi-Bred Int'l	Pioneer 25R47	78.1	5	56.5	28.3	73.3	80.7
Pioneer Hi-Bred Int'l	Pioneer 25R54	72.2	17	58.8	32.7	76.8	83.0
Pioneer Hi-Bred Int'l	Pioneer 25R56	74.1	12	57.7	30.3		
Pioneer Hi-Bred Int'l	Pioneer 25R63	78.2	4	59.7	32.7	73.3	
Pioneer Hi-Bred Int'l	Pioneer 25R78	72.6	14	60.0	30.3	72.7	79.7
Public	Bess	63.4	40	59.9	32.0		
Public	Ernie	55.9	57	59.0	28.0	50.6	60.9
Public	Kaskaskia	75.9	8	61.6	35.3	69.2	73.4
Public	Madison	57.1	55	56.6	32.0	54.8	65.9
Public	McCormick	60.3	50	60.6	29.3	59.2	66.7
Public	Patterson	60.6	48	59.6	30.3	54.9	64.0
Public	Roane	72.0	19	61.6	27.0	71.1	74.5
Public	Sisson	52.8	62	56.2	26.7	57.0	70.9
Public	Truman	77.7	6	59.0	35.7	64.7	73.3
UAP Distribution	Dyna-Gro 410	65.8	31	58.7	33.0	62.1	72.8
UAP Distribution	Dyna-Gro 415	61.6	46	58.2	33.7	58.4	68.1
UAP Distribution	Dyna-Gro 421	63.8	39	59.6	27.7	65.4	
UAP Distribution	Dyna-Gro 444	72.5	15	59.5	34.0		
	Trial Mean	66.3		58.6	31.1		
	LSD, 10%	4.0		0.8	1.8		
	CV, %	5.8		1.2	5.6		

Averaged over three varieties in this location, Gaucho seed treated increased yield by 3.6 bushels/acre