

Table 5. Results of the 2007 wheat variety trial at Brownstown, in south central Illinois.

Company	Variety	Yield		Test wt.	Height	2-yr avg	3-yr avg
		Yield	Rank			2006-07	2005-07
		bu/ac	1 to 64	lb/bu	in.	bu/ac	bu/ac
Adler Seed	Adler 565	83.7	15	60.3	40.0		
Adler Seed	Adler 575	74.1	47	59.8	34.3	67.4	
AgriPro COKER	Branson	73.5	50	59.7	33.7	70.0	73.3
AgriPro COKER	COKER 9312	58.0	63	61.9	30.3	65.8	64.5
AgriPro COKER	COKER 9511	71.0	54	63.4	35.7	70.6	
AgriPro COKER	COKER 9553	63.5	59	60.6	33.0	64.1	
AgriPro COKER	Cooper	73.0	52	60.7	33.7	68.9	70.5
AgriPro COKER	W1377	82.2	19	62.5	36.3		
Beck's Hybrids	BECK 117	76.6	39	61.0	34.3		
Beck's Hybrids	BECK 122	88.4	6	60.3	38.7		
Brown Seed Enterprises	766	77.5	34	61.8	32.0	78.4	74.8
Brown Seed Enterprises	ARISE 817	81.3	22	61.2	32.0		
Brown Seed Enterprises	ARISE 857	87.7	9	59.7	36.7		
Brown Seed Enterprises	ARISE 887	79.7	29	60.0	35.3		
Brown Seed Enterprises	ARISE X-21	81.0	26	61.7	34.3	68.5	75.7
Coops Creek Acres	EXCEL 410 TW	84.5	14	60.5	37.3	68.5	67.5
Coops Creek Acres	EXCEL 410 TW Cruiser	92.9	2	60.6	36.7		
CPS-Vigoro Seeds	Vigoro 9611	75.6	42	60.0	33.0	70.6	
CPS-Vigoro Seeds	Vigoro 9710	76.0	40	61.1	31.3		
CPS-Vigoro Seeds	Vigoro 9712	69.7	57	60.7	32.7		
CPS-Vigoro Seeds	Vigoro 9723	81.2	24	60.1	37.7		
Excel Brand Seed	EXCEL 442	83.4	17	60.4	41.0		
GROWMARK	FS 618	76.7	38	60.7	37.0		
GROWMARK	FS 628	85.0	12	60.9	38.7		
GROWMARK	FS 634	79.4	30	60.9	38.0	69.8	70.3
GROWMARK	FS 637	74.2	46	60.3	36.0	69.3	
GROWMARK	FS 645	74.7	43	60.8	35.7	72.6	
Haas Seed House	EXCEL 343	79.8	28	60.6	38.0		
Haas Seed House	EXCEL 343 Cruiser	94.5	1	60.9	37.7		
Hartke Seed Farms	EXCEL 307	81.3	23	60.7	37.0	70.2	70.5
Hoffman Seed House	EXCEL 173	77.5	33	61.3	35.3	78.6	
Hoffman Seed House	EXCEL 173 Cruiser	92.2	3	61.5	36.7		
JGL	Exp 701	84.9	13	59.0	35.7		
Kitchen Seed Company	KSC 406W	80.9	27	60.8	38.3		
Kitchen Seed Company	KSC 407W	74.6	44	60.8	39.3		
Lewis Hybrids	LEWIS 830	88.2	7	60.7	38.0		
Lewis Hybrids	LEWIS 841	74.3	45	60.2	36.3	70.7	
Miles Seed	EXSEGEN Judith	81.1	25	59.5	37.3	69.3	68.4
Miles Seed	EXSEGEN Rachel	53.6	64	54.5	32.7	63.7	64.2
Miles Seed	EXSGEN Dinah	77.1	36	62.3	34.3		
Miles Seed	EXSGEN Leah	63.0	60	60.1	34.7	58.2	62.2
Miles Seed	EXSGEN Lydia	64.9	58	60.0	34.3	68.2	
Miller Bros. Farm & Fertilizer	EXCEL 392 TW	72.9	53	59.3	38.0	67.0	67.9
Miller Bros. Farm & Fertilizer	EXCEL 392 TW Cruiser	83.5	16	59.0	38.3	77.0	
MWS Seeds	MWS 132	81.6	21	60.9	38.3		
MWS Seeds	MWS 135	87.7	8	59.9	37.3		
Pioneer Hi-Bred Int'l	Pioneer 25R47	88.6	5	58.0	34.3	79.7	79.7
Pioneer Hi-Bred Int'l	Pioneer 25R54	77.4	35	60.6	34.0	82.7	79.3
Pioneer Hi-Bred Int'l	Pioneer 25R56	87.6	10	58.8	34.7		
Pioneer Hi-Bred Int'l	Pioneer 25R63	78.4	31	60.5	35.0	73.4	
Pioneer Hi-Bred Int'l	Pioneer 25R78	88.7	4	62.2	33.3	85.0	84.2
Public	Bess	73.8	48	62.0	36.3		
Public	Ernie	70.2	55	59.5	29.7	65.6	67.4
Public	Kaskaskia	85.8	11	62.6	40.7	69.2	68.7
Public	Madison	62.1	61	59.2	35.3	63.1	65.1
Public	McCormick	69.9	56	62.3	32.3	65.8	67.2
Public	Patterson	73.5	49	61.5	37.3	59.7	59.1
Public	Roane	78.2	32	61.9	33.0	65.9	65.9
Public	Sisson	59.9	62	58.8	31.3	67.9	74.9
Public	Truman	73.3	51	56.7	38.0	65.7	71.8
UAP Distribution	Dyna-Gro 410	83.1	18	59.5	38.3	74.7	72.6
UAP Distribution	Dyna-Gro 415	77.1	37	60.7	38.7	69.2	70.4
UAP Distribution	Dyna-Gro 421	75.9	41	61.5	34.3	68.5	
UAP Distribution	Dyna-Gro 444	81.6	20	60.3	39.0		
	Trial Mean	78.3		60.6	35.9		
	LSD, 10%	5.6		0.8	2.0		
	CV, %	6.8		1.2	5.2		

Averaged over three varieties in this location, Gauchó seed treated increased yield by 2.7 bushels/acre.

Trial Mean	64.3	58.1	35.0
LSD, 10%	7.7	1.2	1.8
CV, %	11.5	1.9	4.8