

Results of the 2004 wheat variety trial at DeKalb, in north central Illinois.

<u>Company</u>	<u>Variety</u>	<u>STI*</u>	<u>Yield</u>	<u>Yield Rank</u>	<u>Test wt.</u>	<u>Height</u>	<u>2-yr avg 2003-04</u>	<u>3-yr avg 2002-04</u>
Agripro Wheat	Benton		87.9	13	50.6	36.0	108.0	
Agripro Wheat	Douglas		79.1	40	47.2	37.3	104.3	
Agripro Wheat	Cooper		86.9	16	50.8	35.0		
DeRaedt Seed	7811		84.9	25	51.4	39.0	108.0	102.8
Diener Seeds	D491 W		83.1	34	52.1	42.0		
Diener Seeds	D498 W		87.4	14	54.3	42.0	113.2	
Diener Seeds	D500 W		87.3	15	52.5	40.0	109.9	103.5
Diener Seeds	D502 W		84.3	28	50.2	41.0		
Diener Seeds	DXW 41		83.0	35	53.0	34.3		
Excel Brand Seeds	307	I	89.2	9	52.2	40.3	110.7	104.3
Excel Brand Seeds	333	I	83.3	32	49.3	41.0	111.4	
Excel Brand Seeds	352 tw	I	78.0	43	50.0	38.3		
Excel Brand Seeds	355	I	72.6	55	48.9	39.3		
Excel Brand Seeds	368	I	85.0	24	50.5	41.7		
Excel Brand Seeds	376	I	72.2	56	46.6	41.0		
Excel Brand Seeds	392	I	78.5	42	49.3	39.3		
Excel Brand Seeds	400-1	I	83.1	33	50.8	41.0	110.2	104.0
Excel Brand Seeds	410 tw	I	88.4	10	51.0	40.3		
Green Valley Seed	Willcross 733		91.6	5	53.8	40.7		
Green Valley Seed	Willcross 738		85.5	22	48.9	40.7		
GROWMARK	FS 539		85.9	20	50.9	39.7	105.2	102.0
GROWMARK	FS 634		84.5	26	52.6	40.7		
GROWMARK	FS 652		88.4	11	50.6	35.3	108.8	106.8
GROWMARK	FS 8302		86.0	19	51.8	37.3		
GROWMARK	FS 8309		91.9	4	55.2	37.0		
Lewis Hybrids	855		85.5	21	51.8	42.0		
Lewis Hybrids	864		89.5	8	53.9	39.7	112.0	108.4
Merschman Seeds	Barbie VII		90.8	7	52.3	39.7		
Merschman Seeds	Genie IX		94.7	1	53.1	42.0		
Ohio Seed Improvement Assoc	Bravo		71.4	59	50.1	36.7	97.6	
Ohio Seed Improvement Assoc	Daisy		72.0	57	46.9	36.7	98.0	
Ohio Seed Improvement Assoc	Hopewell		82.2	37	51.8	37.0	103.5	
Pioneer Hi-Bred Int'l	25R37		84.3	27	53.1	34.3	109.0	104.3
Pioneer Hi-Bred Int'l	25R47		83.6	31	47.6	34.7	117.9	
Pioneer Hi-Bred Int'l	25R49		85.2	23	47.2	34.3	111.8	104.5
Public	Cardinal		73.9	51	50.4	42.3	96.3	93.5
Public	Clark		64.9	62	48.3	39.3	84.5	83.0
Public	Ernie		77.9	45	52.7	34.7	93.7	88.7
Public	Kaskaskia		83.9	30	53.9	42.0	111.4	101.1
Public	Madison		68.7	60	47.9	38.3	98.3	95.2
Public	McCormick		77.0	47	53.9	33.3	95.6	92.3
Public	Patterson		73.0	52	49.4	39.0	88.6	86.6
Public	Roane		72.7	54	55.5	33.7	103.4	100.2
Public	Sisson		74.0	50	45.1	34.3	94.6	95.0
Public	Truman		75.4	49	52.9	36.7		
Royster-Clark	Tribute		78.5	41	50.6	34.0	99.1	
Royster-Clark	V9122		82.9	36	51.0	39.3	106.6	101.3
Royster-Clark	V9412		92.7	3	53.6	34.7		
Syngenta Seeds	B 970051		87.9	12	50.6	34.3		
Syngenta Seeds	Coker 9312		72.9	53	49.4	33.0		
Syngenta Seeds	Coker 9375		67.9	61	43.3	39.0		
Syngenta Seeds	Coker 9474		84.0	29	55.7	37.3	99.1	92.0
Syngenta Seeds	Coker 9663		76.1	48	50.0	39.0	104.5	101.6
UAP/Richter	DG401		86.8	17	50.9	40.3		
UAP/Richter	DG415		82.2	38	50.3	43.0		
UAP/Richter	DG419		78.0	44	52.2	41.0		
Wilken Seed Grains	106		93.1	2	54.0	41.3		
Wilken Seed Grains	108		71.9	58	49.2	42.0		
Wilken Seed Grains	121		80.6	39	51.3	39.3	105.6	101.8
Wilken Seed Grains	124		91.1	6	55.0	40.7		
Wilken Seed Grains	154		77.7	46	50.1	41.3	104.2	99.7
Wilken Seed Grains	204		86.6	18	50.6	40.7	109.9	103.2
	Trial Mean		82.5		51.1	38.5		
	LSD, 10%		5.3		2.1	2.3		
	CV, %		4.7		3.0	4.4		

Note: Some of the varieties in this trial were severely affected by Fusarium head blight (scab).

* STI: Entries with an "I" were treated with Gaucho seed treatment insecticide by the company that entered them. Averaged over three different varieties in this trial, Gaucho increased yield by **0.4 bushels per acre**.