

Results of the 2004 wheat variety trial at Urbana, in east central Illinois.

Company	Variety	STI*	Yield	Yield Rank	Test wt.	Height	2-yr avg 2003-04	3-yr avg 2002-04
Agripro Wheat	Benton		84.6	53	59.8	38.7	104.0	
Agripro Wheat	Douglas		92.7	28	59.0	37.7	103.7	
Agripro Wheat	Cooper		98.3	9	60.0	38.7		
DeRaedt Seed	7811		93.8	21	60.3	40.0	107.4	
Diener Seeds	D491 W		91.8	31	59.9	41.7		
Diener Seeds	D498 W		90.4	37	60.8	41.7	96.9	
Diener Seeds	D500 W		93.2	24	59.9	41.7	98.1	
Diener Seeds	D502 W		95.2	17	59.4	39.7		
Diener Seeds	DXW 41		95.3	16	62.0	38.0		
Excel Brand Seeds	307	I	101.4	4	60.7	44.0	106.5	98.2
Excel Brand Seeds	333	I	91.5	33	59.4	40.0	104.8	
Excel Brand Seeds	352 tw	I	93.0	25	59.4	42.3		
Excel Brand Seeds	355	I	89.6	42	59.0	43.0		
Excel Brand Seeds	368	I	92.9	26	59.0	40.0		
Excel Brand Seeds	376	I	86.3	50	60.7	41.0		
Excel Brand Seeds	392	I	91.6	32	60.6	41.0		
Excel Brand Seeds	400-1	I	94.9	18	59.9	43.0	104.0	97.1
Excel Brand Seeds	410 tw	I	96.3	11	59.9	40.7		
Green Valley Seed	Willcross 733		99.0	8	60.2	40.3		
Green Valley Seed	Willcross 738		95.9	12	60.3	41.3		
GROWMARK	FS 539		100.6	5	61.6	41.7	100.7	91.3
GROWMARK	FS 634		102.6	1	59.4	42.3		
GROWMARK	FS 652		91.8	30	59.4	36.3	108.0	101.0
GROWMARK	FS 8302		89.0	45	60.5	39.7		
GROWMARK	FS 8309		86.9	49	60.9	39.0		
Lewis Hybrids	855		98.2	10	58.9	43.3		
Lewis Hybrids	864		90.8	36	61.0	43.7	100.0	94.1
Merschman Seeds	Barbie VII		95.3	14	59.5	40.7		
Merschman Seeds	Genie IX		101.9	2	59.9	41.7		
Ohio Seed Improvement Assoc	Bravo		88.7	46	61.1	40.3	91.3	
Ohio Seed Improvement Assoc	Daisy		75.0	61	56.4	37.3	86.7	
Ohio Seed Improvement Assoc	Hopewell		71.9	62	59.1	37.3	93.4	
Pioneer Hi-Bred Int'l	25R37		89.4	43	61.2	35.7	111.2	102.4
Pioneer Hi-Bred Int'l	25R47		101.9	3	58.6	37.3	111.5	
Pioneer Hi-Bred Int'l	25R49		95.8	13	60.8	35.7	109.9	99.4
Public	Cardinal		79.0	59	59.3	45.0	91.5	83.4
Public	Clark		83.0	55	59.0	39.3	93.0	84.2
Public	Ernie		90.1	40	58.1	37.0	92.9	85.3
Public	Kaskaskia		88.1	47	61.2	43.7	100.8	92.7
Public	Madison		89.2	44	58.1	39.3	101.9	92.1
Public	McCormick		80.1	56	61.9	34.7	96.8	92.1
Public	Patterson		87.1	48	60.2	40.0	95.7	87.1
Public	Roane		93.2	23	61.9	38.0	101.5	95.0
Public	Sisson		92.6	29	60.3	35.3	101.2	95.1
Public	Truman		95.3	15	60.7	41.7		
Royster-Clark	Tribute		83.8	54	62.1	35.7	98.3	
Royster-Clark	V9122		93.2	22	59.0	41.7	100.4	93.7
Royster-Clark	V9412		93.9	20	61.3	37.7		
Syngenta Seeds	B 970051		91.1	35	58.5	35.3		
Syngenta Seeds	Coker 9312		84.9	51	60.2	34.3		
Syngenta Seeds	Coker 9375		90.3	39	58.7	42.0		
Syngenta Seeds	Coker 9474		79.8	57	62.1	41.7	84.2	77.7
Syngenta Seeds	Coker 9663		90.4	38	60.7	43.7	98.6	93.6
UAP/Richter	DG401		94.6	19	59.4	42.0		
UAP/Richter	DG415		100.1	6	59.9	41.7		
UAP/Richter	DG419		79.3	58	60.7	41.7		
Wilken Seed Grains	106		99.5	7	59.5	42.3		
Wilken Seed Grains	108		84.6	52	59.0	44.7		
Wilken Seed Grains	121		90.1	41	60.7	40.7	100.5	93.7
Wilken Seed Grains	124		91.1	34	61.3	43.0		
Wilken Seed Grains	154		78.0	60	59.0	41.3	95.1	
Wilken Seed Grains	204		92.7	27	59.9	43.3	100.1	
	Trial Mean		91.4		60.1	40.1		
	LSD, 10%		5.9		1.2	2.4		
	CV, %		4.7		1.5	4.4		

* 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 **3.5 bushels per acre**.