

**Results of the 2004 wheat variety trial at Perry, in western 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		94.3	27	57.9	37.5	101.4	
Agripro Wheat	Douglas		81.5	57	55.1	38.0	89.6	
Agripro Wheat	Cooper		94.7	24	60.9	37.0		
DeRaedt Seed	7811		83.7	52	59.7	40.0	90.6	
Diener Seeds	D491 W		92.4	36	58.9	43.5		
Diener Seeds	D498 W		90.7	41	59.4	43.5	98.4	
Diener Seeds	D500 W		94.1	28	59.3	42.5	103.5	
Diener Seeds	D502 W		96.0	14	60.2	40.5		
Diener Seeds	DXW 41		101.5	5	64.2	37.5		
Excel Brand Seeds	307	I	95.4	21	59.5	42.0	103.5	91.7
Excel Brand Seeds	333	I	101.7	4	60.7	41.5	105.4	
Excel Brand Seeds	352 tw	I	95.5	19	58.1	41.5		
Excel Brand Seeds	355	I	86.8	47	59.5	43.5		
Excel Brand Seeds	368	I	95.7	15	58.9	41.5		
Excel Brand Seeds	376	I	78.5	61	58.3	44.0		
Excel Brand Seeds	392	I	92.6	35	59.6	40.5		
Excel Brand Seeds	400-1	I	101.0	7	59.9	43.5	107.3	92.8
Excel Brand Seeds	410 tw	I	92.6	33	59.6	40.0		
Green Valley Seed	Willcross 733		102.9	2	61.2	40.5		
Green Valley Seed	Willcross 738		91.3	38	59.6	42.5		
GROWMARK	FS 539		95.4	20	61.5	42.5	94.0	81.2
GROWMARK	FS 634		95.2	23	59.4	41.0		
GROWMARK	FS 652		99.5	9	59.5	36.5	97.8	87.9
GROWMARK	FS 8302		97.1	12	63.1	39.0		
GROWMARK	FS 8309		79.7	60	62.2	38.5		
Lewis Hybrids	855		96.5	13	57.4	44.5		
Lewis Hybrids	864		93.3	30	60.6	41.5	101.9	88.7
Merschman Seeds	Barbie VII		98.3	10	60.7	41.5		
Merschman Seeds	Genie IX		95.6	17	57.9	41.5		
Ohio Seed Improvement Assoc	Bravo		86.5	48	57.2	40.0	95.3	
Ohio Seed Improvement Assoc	Daisy		83.0	54	57.2	39.0	93.4	
Ohio Seed Improvement Assoc	Hopewell		72.6	62	57.2	38.5	85.8	
Pioneer Hi-Bred Int'l	25R37		90.7	40	62.5	37.0	98.4	89.1
Pioneer Hi-Bred Int'l	25R47		104.7	1	56.7	38.5	112.0	
Pioneer Hi-Bred Int'l	25R49		93.0	32	58.1	36.5	99.6	88.3
Public	Cardinal		87.5	46	58.8	45.5	94.5	82.4
Public	Clark		81.4	58	60.4	40.5	78.6	64.0
Public	Ernie		90.5	42	60.2	38.0	89.5	76.4
Public	Kaskaskia		89.6	43	61.6	43.5	97.3	86.0
Public	Madison		92.6	34	57.2	40.0	99.3	83.8
Public	McCormick		86.1	49	62.2	36.0	90.6	81.9
Public	Patterson		85.9	50	61.7	40.5	87.8	74.9
Public	Roane		85.1	51	61.5	37.0	91.9	83.1
Public	Sisson		94.6	26	61.3	36.5	92.2	82.2
Public	Truman		94.7	25	60.5	41.5		
Royster-Clark	Tribute		93.2	31	60.9	36.0	92.7	
Royster-Clark	V9122		95.3	22	60.3	41.5	103.2	91.0
Royster-Clark	V9412		99.7	8	61.3	39.0		
Syngenta Seeds	B 970051		95.7	16	58.7	36.0		
Syngenta Seeds	Coker 9312		88.2	45	60.6	34.0		
Syngenta Seeds	Coker 9375		82.9	55	54.7	42.0		
Syngenta Seeds	Coker 9474		88.4	44	62.2	38.5	86.4	74.7
Syngenta Seeds	Coker 9663		97.6	11	61.3	43.5	99.5	88.9
UAP/Richter	DG401		102.0	3	60.6	42.5		
UAP/Richter	DG415		91.3	37	60.3	43.0		
UAP/Richter	DG419		80.1	59	56.5	43.0		
Wilken Seed Grains	106		101.2	6	60.8	43.0		
Wilken Seed Grains	108		91.2	39	60.8	45.0		
Wilken Seed Grains	121		82.4	56	57.8	40.5	92.9	80.6
Wilken Seed Grains	124		93.9	29	59.1	44.5		
Wilken Seed Grains	154		83.4	53	58.8	43.0	93.2	79.2
Wilken Seed Grains	204		95.6	18	60.1	42.5	101.4	87.4
	Trial Mean		92.0		59.7	40.5		
	LSD, 10%		10.4		3.1	2.6		
	CV, %		6.8		3.1	3.8		

\* 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 **decreased** yield by **1.8 bushels per acre**.