

Southern Illinois regional wheat variety trial results, 2004

Note: The Brownstown data could not be used due to differential deer damage.

Company	Entry	STI*	Regional Average			Dixon	Belleville
			Yield	Yield Rank	Test wt	Springs Yield	Yield
Agripro Wheat	Benton		63.5	55	55.8	60.2	66.7
Agripro Wheat	Cooper		75.9	8	57.9	75.4	76.4
Brown Seed Enterprises	Arise 766	I	73.1	20	58.1	73.4	72.7
Brown Seed Enterprises	Arise W36	I	75.5	10	58.0	74.6	76.3
Brown Seed Enterprises	Arise X21	I	74.8	11	58.7	72.1	77.5
Brown Seed Enterprises	Arise X27	I	73.7	18	58.2	72.4	75.0
Diener Seeds	D500 W		68.0	46	57.1	67.5	68.4
Diener Seeds	D502 W		69.4	36	58.3	72.2	66.5
Diener Seeds	DXW 41		74.3	16	60.5	74.5	74.1
Excel Brand Seeds	201	I	74.5	13	58.7	72.3	76.8
Excel Brand Seeds	211	I	73.4	19	57.1	69.7	77.1
Excel Brand Seeds	273	I	61.9	61	56.2	63.9	59.9
Excel Brand Seeds	307	I	78.2	3	59.1	75.5	81.0
Excel Brand Seeds	352 tw	I	67.2	48	56.6	67.4	67.1
Excel Brand Seeds	368	I	73.1	21	59.1	72.2	73.9
Excel Brand Seeds	388	I	69.2	38	57.6	69.9	68.6
Excel Brand Seeds	392	I	83.1	1	57.9	84.1	82.1
Excel Brand Seeds	400-1	I	76.0	7	57.1	80.4	71.6
Gateway Seeds	Sundance		68.2	45	57.7	72.8	63.6
GROWMARK	FS 539		72.7	23	58.9	74.7	70.7
GROWMARK	FS 621		67.0	49	54.4	67.3	66.7
GROWMARK	FS 634		69.3	37	57.3	66.8	71.7
GROWMARK	FS 652		76.2	6	56.5	76.8	75.7
GROWMARK	FS 8302		76.8	5	57.0	80.6	73.0
GROWMARK	FS 8309		63.9	54	56.9	66.6	61.2
JGL	Avenger		78.1	4	58.6	77.9	78.4
Lewis Hybrids	855		75.9	9	57.3	76.0	75.7
Lewis Hybrids	857		72.0	25	57.5	71.9	72.1
Lewis Hybrids	864		70.6	31	58.6	79.7	61.4
Merschman Seeds	Barbie VII		74.4	15	59.0	73.4	75.4
Merschman Seeds	Genie IX		74.5	14	58.4	73.3	75.7
Miles Seed	Abigail		63.3	56	56.0	60.4	66.1
Miles Seed	Esther		73.0	22	55.3	74.9	71.1
Miles Seed	Judith		68.3	44	58.3	70.2	66.5
Miles Seed	Rebekah		64.6	53	57.3	64.8	64.3
Miles Seed	Sarah		60.0	63	55.7	60.9	59.1
Ohio Seed Improvement Assoc	Bravo		62.6	60	58.9	60.3	65.0
Ohio Seed Improvement Assoc	Daisy		52.6	70	54.3	54.8	50.3
Ohio Seed Improvement Assoc	Hopewell		56.7	66	56.2	62.8	50.6
Pioneer Hi-Bred Int'l	25R37		65.1	52	58.4	61.2	68.9
Pioneer Hi-Bred Int'l	25R47		80.5	2	56.2	80.1	80.9
Pioneer Hi-Bred Int'l	25R49		66.8	51	54.7	70.3	63.3
Pioneer Hi-Bred Int'l	25R78		74.7	12	57.2	73.6	75.7
Public	Cardinal		58.2	64	56.1	60.9	55.6
Public	Clark		51.9	71	54.1	47.0	56.7
Public	Ernie		54.6	69	56.2	44.7	64.6
Public	Kaskaskia		68.6	41	58.9	66.6	70.6
Public	Madison		58.0	65	56.0	48.7	67.3
Public	McCormick		68.6	40	59.3	71.7	65.6
Public	Pat		68.4	42	57.3	67.3	69.5
Public	Patterson		56.2	68	56.8	52.5	59.9
Public	Roane		73.8	17	59.1	74.8	72.8
Public	Sisson		56.5	67	55.0	45.2	67.8
Public	Truman		72.0	24	58.2	73.8	70.3
Royster-Clark	Tribute		66.9	50	59.1	70.7	63.2
Royster-Clark	V9212		60.6	62	56.0	57.5	63.8
Royster-Clark	V9410		70.8	30	58.7	69.9	71.7
Royster-Clark	V9412		70.0	34	58.0	70.4	69.6
Steyer Seeds	Besecker		71.0	29	56.3	75.8	66.2
Steyer Seeds	Weaver		62.7	59	57.7	63.0	62.5
Steyer Seeds	Wiley		70.3	32	58.4	66.8	73.9
Steyer Seeds	Wonderly		71.1	28	57.9	74.8	67.3
Syngenta Seeds	B 970051		70.1	33	57.5	72.0	68.2
Syngenta Seeds	Coker 9312		62.8	57	58.3	57.7	67.9
Syngenta Seeds	Coker 9375		68.4	43	55.5	66.8	69.9
Syngenta Seeds	Coker 9474		62.8	58	59.4	66.9	58.7
Syngenta Seeds	Coker 9663		71.2	27	58.8	65.2	77.3
UAP/Richter	DG401		67.9	47	58.1	65.3	70.5
UAP/Richter	DG415		71.8	26	58.1	74.5	69.1
UAP/Richter	DG444		69.0	39	58.5	68.4	69.6
Wilken Seed Grains	102		69.5	35	57.3	70.2	68.8
	Trial Mean		68.7		57.5	68.1	69.3
	LSD, 10%		8.9		2.0	7.8	6.3
	CV, %		13.5		3.7	8.4	6.7

* 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 region, Gaucho increased yield by **9.9 bushels/acre**.