

Table 1. Southern Illinois regional wheat variety trial results, 2008

Company	Variety	Regional Average			Dixon Springs			Belleville			Brownstown		
		Yield	Yield Rank	Test wt.	Yield	Test wt.	Height	Yield	Test wt.	Height	Yield	Test wt.	Height
		bu/ac	1 to 69	lb/bu	bu/ac	lb/bu	in.	bu/ac	lb/bu	in.	bu/ac	lb/bu	in.
AgriPro COKER	BRANSON	81.3	24	58.6	72.5	58.9	34	87.4	59.4	35	84.1	57.6	38
AgriPro COKER	COOPER	80.7	30	59.3	81.9	57.7	36	78.3	60.1	38	82.0	60.1	40
AgriPro COKER	W1377	77.6	48	63.1	76.7	61.9	37	74.0	63.8	37	82.0	63.5	42
Beck's Hybrids	BECK 122	77.9	47	60.3	75.7	58.5	39	73.0	61.2	38	85.0	61.3	40
Beck's Hybrids	BECK 164	81.6	22	58.8	73.4	57.4	35	84.4	59.9	36	87.1	59.0	40
BioTown Seeds	Diener 496	85.5	9	57.4	81.3	58.2	38	82.0	58.2	39	93.2	55.9	40
BioTown Seeds	Diener 502	78.6	46	58.9	73.7	58.4	39	74.8	59.6	34	87.3	58.8	40
BioTown Seeds	Diener 511	81.0	27	58.1	74.7	56.5	36	85.0	59.3	36	83.2	58.5	40
BioTown Seeds	Diener XW 73	75.6	60	58.9	74.5	58.0	42	73.1	59.1	36	79.3	59.6	43
Brown Seed Enterprises	Arise 766	79.6	39	61.2	74.2	60.8	34	79.0	62.1	36	85.7	60.8	38
Brown Seed Enterprises	Arise 766 Cruiser	76.8	53	61.7	69.5	60.7	35	80.0	63.0	37	81.0	61.3	37
Brown Seed Enterprises	Arise 817	76.6	56	58.9	71.9	58.6	34	66.7	58.3	36	91.2	59.7	39
Brown Seed Enterprises	Arise 817 Cruiser	79.8	37	59.8	74.0	59.3	35	78.9	60.2	38	86.5	60.1	38
Brown Seed Enterprises	Arise 857	83.6	13	57.0	77.3	57.5	37	80.0	57.9	34	93.4	55.5	40
Brown Seed Enterprises	Arise 857 Cruiser	87.9	3	57.4	80.9	57.6	38	86.8	58.6	39	96.0	56.0	40
Brown Seed Enterprises	Arise 887	79.6	40	58.7	72.5	57.5	38	79.8	59.4	37	86.7	59.0	40
Brown Seed Enterprises	Arise 887 Cruiser	80.9	29	58.8	78.1	57.5	38	79.9	59.7	35	84.7	59.3	39
Brown Seed Enterprises	Arise X-21	79.5	41	60.7	73.5	59.5	36	70.9	61.4	36	94.0	61.1	39
Brown Seed Enterprises	Arise X-21 Cruiser	79.0	45	61.2	75.3	60.5	36	73.2	61.8	36	88.3	61.1	38
Coops Creek Acres	EXCEL 209	82.9	17	61.0	72.6	60.0	38	84.9	62.3	36	91.1	60.6	32
Coops Creek Acres	EXCEL 209 Cruiser	81.5	23	60.0	72.0	59.3	33	85.9	60.9	36	86.5	60.0	38
Coops Creek Acres	EXCEL 410 TW	80.3	33	60.6	72.4	58.9	37	77.1	61.6	39	91.5	61.1	42
Coops Creek Acres	EXCEL 410 TW Cruiser	81.0	28	60.9	75.8	59.9	38	76.8	61.2	38	90.2	61.7	41
Crop Production Services	Vigoro 9710	79.9	36	59.9	76.8	59.9	32	78.8	60.1	35	84.0	59.6	33
Crop Production Services	Vigoro 9712	76.6	54	59.6	68.7	59.8	36	73.3	59.1	37	87.9	59.8	39
Crop Production Services	Vigoro 9723	82.3	18	59.4	81.2	59.4	39	76.2	59.7	39	89.5	59.1	42
Crop Production Services	Vigoro 9812	80.0	35	58.9	79.4	57.7	36	75.4	60.4	38	85.1	58.4	40
EXCEL BRAND SEEDS	EXCEL 264	76.2	58	58.1	71.4	57.0	37	75.3	58.5	36	81.8	58.9	40
GROWMARK	FS 618	80.7	32	60.2	70.5	60.0	39	78.6	60.6	37	92.9	60.2	40
GROWMARK	FS 628	80.0	34	58.7	78.5	58.4	40	75.8	59.1	35	85.7	58.6	42
GROWMARK	FS 637	74.7	62	59.5	73.7	58.7	37	73.7	60.2	36	76.7	59.5	39
GROWMARK	FS 8309	71.6	68	57.6	53.7	51.5	37	78.6	60.3	34	82.5	61.1	43
GROWMARK	W08-01	81.8	21	58.3	74.5	57.0	36	84.3	58.9	38	86.5	58.9	40
Haas Seed House	EXCEL 343	79.3	44	59.6	68.8	58.2	38	71.3	60.6	39	97.7	59.9	40
Haas Seed House	EXCEL 343 Cruiser	82.0	20	60.0	74.6	58.8	39	76.4	60.7	35	95.1	60.5	39
Hartke Seed Farms	EXCEL 442	75.7	59	59.8	62.0	58.5	40	70.6	61.2	37	94.5	59.8	44
Hartke Seed Farms	EXCEL 442 Cruiser	81.2	26	59.8	71.6	58.8	42	78.5	61.2	37	93.6	59.5	43
Hoffman Seed House	EXCEL 180	83.3	14	62.4	79.8	62.1	35	80.3	63.2	37	89.9	61.8	39
Hoffman Seed House	EXCEL 180 Cruiser	86.6	7	62.4	75.6	62.7	37	86.9	62.7	37	97.4	61.8	39
Hoffman Seed House	EXCEL 367	83.8	12	59.8	81.9	58.0	37	83.2	60.6	37	86.2	60.7	40
Hoffman Seed House	EXCEL 367 Cruiser	83.0	16	60.3	76.0	59.4	35	88.5	61.2	36	84.5	60.4	38
Kitchen Seed Company	KSC 407W	81.3	25	60.5	73.1	59.9	37	79.0	61.6	37	91.7	60.0	39
Kitchen Seed Company	KSC 408W	77.1	51	59.6	64.6	58.2	40	70.1	60.0	38	96.7	60.6	42
Lewis Hybrids	Lewis 830	83.3	15	59.2	75.1	58.4	39	76.2	60.0	36	98.6	59.3	42
Lewis Hybrids	Lewis 858	80.7	31	60.7	79.5	58.8	38	79.7	61.2	37	82.9	62.1	41
Miles Farm Supply	Candace	79.4	42	58.7	78.3	58.6	39	74.3	58.9	38	85.4	58.5	40
Miles Farm Supply	Dinah	86.7	6	61.9	78.0	60.4	35	83.6	63.0	37	98.5	62.1	39
Miles Farm Supply	Hannah	76.6	55	60.2	74.3	59.6	38	71.5	60.9	34	84.1	59.9	40
Miller Bros Farm & Fertilizer	EXCEL 173	87.9	4	60.3	85.9	60.2	36	84.5	59.9	36	93.1	60.8	39
Miller Bros Farm & Fertilizer	EXCEL 173 Cruiser	88.3	2	60.9	82.6	60.1	36	83.9	61.9	38	98.5	60.5	39
Miller Bros Farm & Fertilizer	EXCEL 392 TW	75.1	61	59.3	71.1	57.1	41	73.5	60.8	40	80.7	59.9	43
MWS Seeds	MWS 135	84.9	10	58.8	84.0	58.4	39	74.8	59.1	36	96.0	58.7	41
MWS Seeds	MWS X7147	77.3	50	59.9	73.9	58.7	40	76.3	60.1	37	81.8	61.0	42
Pioneer Hi-Bred Int'l	Pioneer 25R47	90.4	1	58.3	89.3	57.0	36	85.1	58.9	36	96.8	59.0	39
Pioneer Hi-Bred Int'l	Pioneer 25R54	84.2	11	59.7	78.5	59.0	37	85.4	60.7	37	88.9	59.3	40
Pioneer Hi-Bred Int'l	Pioneer 25R56	79.4	43	58.8	73.9	59.0	34	77.8	60.6	35	86.3	56.8	39
Pioneer Hi-Bred Int'l	Pioneer 25R62	87.5	5	56.9	73.9	56.2	35	94.9	59.0	36	93.6	55.3	38
Public	Bess	72.6	67	61.0	65.2	58.9	37	70.9	62.0	36	81.7	62.0	40
Public	Ernie	73.4	65	59.1	70.0	58.7	30	70.2	59.7	37	80.0	58.7	36
Public	Kaskaskia	73.8	64	62.0	71.3	61.1	41	70.0	62.8	35	80.2	62.1	43
Public	McCormick	77.0	52	62.4	70.4	60.8	35	77.2	64.2	35	83.5	62.3	36
Public	Patterson	67.0	69	59.4	60.7	58.8	37	63.2	60.7	36	77.1	58.7	40
Public	Roane	74.3	63	62.7	71.1	61.6	33	78.9	63.1	35	72.9	63.4	38
Public	Sisson	77.5	49	58.2	68.5	57.5	32	74.3	58.2	34	89.6	58.8	36
Public	Truman	73.0	66	58.8	66.0	53.8	41	69.3	61.4	36	83.7	61.4	42
Steyer Seeds	EXP 701	86.5	8	57.3	79.9	57.3	39	86.1	58.9	36	93.5	55.6	40
Steyer Seeds	EXP 703	79.7	38	58.2	71.0	56.4	36	83.8	59.4	35	84.3	58.7	39
UAP Distribution	Dyna-Gro 404	82.1	19	59.0	77.9	59.0	39	73.4	59.3	37	95.1	58.7	42
UAP Distribution	Dyna-Gro 459	76.4	57	59.8	68.0	59.0	42	73.9	60.9	39	87.2	59.5	44
	Trial Mean	80.0		59.8	74.0	58.8	37	78.1	60.6	37	87.9	59.9	40
	LSD, 10%	6.4		1.4	7.7	1.3	2	4.5	1.2	3	7.5	1.0	4
	CV, %	10.2		2.9	7.7	1.6	5	4.3	1.5	6	6.4	1.3	7

Averaged over fourteen varieties in the Southern Region, Cruiser seed treatment increased yield by 0.9 bushels/acre.