

**2005 Soybean Test Results**  
**Region 5: Roundup Resistant (30-inch row spacing)**

COMPANY	VARIETY*	IST <sup>1</sup>	Yield bu/a	Maturity Date	Regional Results			Oil @13%	Carbondale	Carbondale	Carbondale	Harrisburg	Harrisburg	Harrisburg	2 yr Avg Yield bu/a	3 yr Avg Yield bu/a
					Lodging	Height in	Protein @13%		Yield bu/a	Protein @13%	Oil @13%	Yield bu/a	Protein @13%	Oil @13%		
<b>MATURITY GROUP 3</b>																
AGVENTURE	AV 39J3 NRR*	U	59.1	9/20	3.0	40	33.3	21.3	51.4	31.8	21.6	66.8	34.7	21.1		
ASGROW	AG 3602	B	58.9	9/14	2.8	40	34.5	19.4	48.6	33.9	19.6	69.1	35.1	19.2		
ASGROW	AG 3802	B	58.8	9/20	2.6	44	34.5	19.4	51.1	33.6	19.6	66.6	35.3	19.3	58.6	
ASGROW	AG 3905	B	59.4	9/19	2.3	41	34.5	19.7	52.1	33.5	20.0	66.7	35.5	19.4	59.1	
ASGROW	AG 3906	B	60.1	9/19	2.7	39	33.3	21.1	52.4	32.2	21.3	67.8	34.3	20.9	61.3	
DELTA & PINE LAND	DP 3861 RR	U	55.3	9/15	2.9	39	34.5	19.9	46.4	33.7	20.2	64.3	35.3	19.7	55.0	53.0
DELTA KING	DK 3967	F	59.6	9/15	2.9	42	35.3	20.4	50.4	35.2	20.2	68.7	35.3	20.5		
DELTA KING	DK 3968	F	59.4	9/17	2.3	37	33.9	20.7	54.2	33.3	20.7	64.7	34.5	20.6	59.5	56.5
DELTA KING	DK XTJ 638	F	61.7	9/16	2.5	39	33.2	21.0	56.4	32.8	21.0	67.0	33.6	21.0		
DYNA-GRO	32C38*	F	59.6	9/15	2.3	38	31.9	20.6	51.3	30.5	20.9	67.9	33.3	20.2		
DYNA-GRO	37R39*	F	60.8	9/18	3.0	40	33.6	21.2	52.3	32.1	21.5	69.4	35.1	20.9		
DYNA-GRO	DG 3390 NRR*	F	56.8	9/15	2.4	37	32.3	21.3	47.9	30.7	21.7	65.6	33.9	20.8		
HUBNER	H 355 NRR*	F	54.1	9/17	2.6	36	32.8	21.1	47.5	31.8	21.3	60.7	33.8	20.9		
HUBNER	H 383 NRR*	F	51.2	9/15	2.8	42	33.1	20.7	44.8	31.9	21.1	57.6	34.3	20.3		
MIDLAND	9A402 NRR*	B	55.6	9/22	2.7	44	33.5	20.1	52.9	32.3	20.5	58.3	34.7	19.6	57.4	53.5
MILES	SC STEPHEN 3.8NRR	U	60.3	9/19	2.9	40	33.7	21.2	52.8	32.2	21.5	67.8	35.1	20.8	59.8	
NK	S 35-F9*	B	56.9	9/16	2.6	39	32.0	21.4	53.5	30.5	21.7	60.2	33.6	21.1		
NK	S 37-N4*	B	58.1	9/18	2.5	44	35.8	19.0	51.3	34.7	19.0	64.9	36.8	19.0		
NK	S 39-K6*	B	57.4	9/20	2.5	40	34.3	20.6	52.1	33.7	20.6	62.7	35.0	20.5		
NK	S 39-Q4*	B	54.2	9/16	2.7	41	33.9	20.4	47.8	32.4	20.7	60.5	35.4	20.1		
PIONEER	93M90*	B	59.5	9/16	2.4	44	34.4	19.9	51.6	33.0	20.3	67.4	35.8	19.5	58.0	
PIONEER	93M93*	B	57.7	9/18	2.7	42	34.2	20.8	51.5	33.5	20.8	63.9	34.9	20.7	59.3	
SOUTHERN STATES	RT 3851 N	F	53.3	9/18	2.7	42	33.5	20.5	46.3	32.1	20.7	60.3	34.9	20.2		
SOUTHERN STATES	RT 3951 N	U	52.6	9/16	2.8	43	33.8	20.9	43.5	33.0	21.1	61.8	34.6	20.7		
VIGORO	V 36N5 RR	F	57.5	9/15	2.9	43	35.7	18.9	46.8	34.4	19.2	68.2	37.0	18.6		
VIGORO	V 39N4 RR	F	61.0	9/18	3.2	41	33.6	21.2	53.7	32.2	21.6	68.3	35.1	20.9		
	AVERAGE		57.5	9/17	2.7	40	33.7	20.5	50.1	32.6	20.8	65.0	34.8	20.3	58.6	54.3
	L.S.D. 25% LEVEL		3.3		0.4	2	0.68	0.26	4.7	1.4	0.5	2.9	0.3	0.3		
	COEFF. OF VAR. (%)		8.4		20.5	6	3.0	1.9	5.7	2.7	1.4	4.7	1.0	1.0		
<b>MATURITY GROUP 4</b>																
AGVENTURE	AV 41J8 NRR*	U	52.8	9/25	2.4	38	35.3	20.2	46.3	35.0	20.1	59.2	35.6	20.3		
AGVENTURE	AV 42T2 NRR*	U	49.3	9/25	2.7	45	34.5	19.9	44.7	34.0	20.2	53.8	35.1	19.7		
ASGROW	AG 4403*	B	56.2	9/25	2.6	44	33.6	20.9	49.5	32.5	21.1	62.9	34.8	20.7		
ASGROW	AG 4502*	B	56.3	9/23	2.6	41	37.4	19.0	50.0	36.8	19.1	62.6	37.9	19.0	57.2	
ASGROW	AG 4703	B	59.5	9/27	2.6	40	35.6	19.1	52.5	35.0	19.1	66.4	36.2	19.1		
ASGROW	AG 4801*	B	58.3	9/27	2.4	42	35.1	20.3	52.6	35.1	20.1	64.0	35.1	20.4	59.9	
ASGROW	AG 4903*	B	55.7	10/3	2.5	43	34.5	19.8	50.1	33.1	20.0	61.3	35.9	19.6	58.1	
ATLAS	5N471 RR*	U	49.3	9/26	2.7	44	33.9	20.5	43.0	32.9	20.5	55.6	34.8	20.6	52.3	
BAKER	4565 NRR	U	56.4	9/25	3.0	46	35.0	19.8	48.7	34.4	20.0	64.2	35.6	19.7		
BAKER	4825 NRR	U	49.9	9/27	2.9	47	35.5	19.5	43.4	34.7	19.8	56.4	36.4	19.2		
BAKER	4865 NRR	U	45.6	9/28	2.5	49	35.1	19.3	41.5	33.8	19.8	49.7	36.4	18.8		
CROW'S	C 4815 R*	U	56.5	9/24	2.6	42	35.7	19.2	52.2	35.0	19.4	60.8	36.5	19.1		
DEKALB	DKB 44-51*	B	58.9	9/27	2.6	45	33.9	20.7	54.2	33.2	20.7	63.7	34.7	20.6		
DEKALB	DKB 46-51*	B	58.1	9/26	2.6	46	36.1	19.0	53.7	35.8	19.0	62.4	36.4	19.1	59.5	57.1
DELTA & PINE LAND	DP 4331 RR	U	56.7	9/24	2.5	41	33.8	20.9	50.6	33.0	21.0	62.9	34.7	20.8	61.3	57.0
DELTA & PINE LAND	DP 4546 RR	U	47.4	9/27	2.9	48	37.3	18.8	44.8	36.8	18.8	50.1	37.8	18.8	48.1	
DELTA & PINE LAND	DP 4724 RR	U	56.5	9/27	2.8	43	36.6	19.3	52.5	35.8	19.5	60.5	37.4	19.2	58.1	53.8
DELTA & PINE LAND	DPX 1908 RR	U	45.8	9/25	2.6	43	36.5	18.8	40.7	34.8	19.4	50.8	38.2	18.2		
DELTA KING	DK 4366	F	49.0	9/24	2.8	47	35.2	19.8	45.2	35.0	19.9	52.9	35.4	19.6		
DELTA KING	DK 4461	F	61.1	9/26	2.8	45	34.1	20.7	58.7	33.7	20.7	63.4	34.5	20.7	62.4	57.6
DELTA KING	DK 4667	F	57.2	9/26	3.2	46	34.5	19.7	50.9	34.0	19.7	63.4	35.1	19.7		

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COMPANY	VARIETY*	IST <sup>1</sup>	Yield bu/a	Maturity Date	Regional Results				Carbondale	Carbondale	Carbondale	Harrisburg	Harrisburg	Harrisburg	2 yr	3 yr
					Lodging	Height in	Protein @13%	Oil @13%	Yield bu/a	Protein @13%	Oil @13%	Yield bu/a	Protein @13%	Oil @13%	Avg Yield bu/a	Avg Yield bu/a
DELTA KING	DK 4763	F	60.4	9/25	2.8	43	36.6	18.9	57.7	36.5	18.9	63.1	36.8	18.9	61.0	56.8
DELTA KING	DK 4866	F	56.7	9/29	2.7	46	35.4	18.8	54.4	34.8	18.9	58.9	35.9	18.7		
DELTA KING	DK 4967	F	55.7	9/28	2.9	45	37.2	19.1	50.8	36.8	19.1	60.5	37.6	19.0	57.6	54.2
DELTA KING	DK XTJ 640	F	55.7	9/24	3.0	44	35.8	19.4	52.7	35.8	19.1	58.8	35.9	19.7		
DELTA KING	DK XTJ 6D44	F	60.2	9/25	3.0	44	35.3	19.8	53.4	35.1	19.8	66.9	35.6	19.8		
DELTA KING	DK XTJ 6L49	F	50.1	10/3	2.7	44	35.4	18.7	50.9	34.8	18.7	49.4	35.9	18.6		
DIENER	4304 CR*	F	55.2	9/26	2.8	44	33.9	20.8	49.8	33.5	20.9	60.6	34.4	20.7		
DIENER	4725 CR*	F	56.4	9/26	2.8	44	36.5	19.3	51.9	35.4	19.7	60.9	37.6	19.0		
DYNA-GRO	35B40*	F	55.8	9/27	2.8	44	34.1	20.1	48.5	33.6	20.1	63.1	34.6	20.2		
DYNA-GRO	36K40	F	51.0	9/19	2.4	40	34.5	20.2	45.4	33.9	20.3	56.6	35.2	20.1		
DYNA-GRO	38T47	F	55.9	9/25	2.8	43	35.9	19.2	51.2	35.4	19.3	60.6	36.4	19.1		
DYNA-GRO	39G43	F	55.8	9/25	2.5	42	33.9	20.4	46.3	32.9	20.6	65.2	34.9	20.2		
DYNA-GRO	DG 3437 NRR	F	57.1	9/24	2.5	39	34.0	20.5	49.3	33.7	20.4	64.8	34.3	20.6		
DYNA-GRO	DG 3443 NRR*	F	55.3	9/27	2.8	44	33.2	20.9	50.4	32.2	21.1	60.3	34.3	20.7		
EXCEL	8448 NRR	B	60.7	9/24	2.5	39	34.6	20.4	54.6	34.6	20.2	66.7	34.6	20.6	63.1	58.2
EXCEL	8509 NRR	B	53.5	10/1	3.2	47	36.9	18.3	53.7	36.6	18.0	53.3	37.2	18.6	53.3	
FS HISOY	HS 4228	B	55.1	9/24	2.5	39	34.0	20.4	45.8	33.5	20.3	64.4	34.6	20.6	63.1	
FS HISOY	HS 4646	B	58.7	9/26	2.8	42	34.7	19.9	50.4	33.9	19.9	67.0	35.5	19.9	61.1	
FS HISOY	HS 4736*	B	51.4	9/28	2.9	52	36.4	19.0	45.9	36.6	18.7	57.0	36.2	19.3	54.9	50.9
FS HISOY	HS 4826*	B	56.2	9/25	2.7	44	36.6	19.4	49.1	35.6	19.7	63.3	37.7	19.1	58.5	54.1
FS HISOY	HS 5036	B	57.9	9/27	2.9	45	34.4	19.5	51.3	33.2	19.6	64.6	35.7	19.5	54.4	52.1
FS HISOY	X 05-42 B	B	55.1	9/26	2.3	41	32.7	20.5	46.0	32.4	20.5	64.2	33.0	20.6		
FS HISOY	X 05-44	B	58.5	9/26	2.9	46	34.9	19.8	50.2	33.9	20.0	66.7	35.8	19.7		
FS HISOY	X 05-48	B	55.2	9/28	2.8	42	34.7	19.4	48.7	33.8	19.4	61.8	35.5	19.3		
FS HISOY	X 05-49	B	48.7	10/6	2.7	49	34.9	19.6	48.5	34.0	19.7	48.8	35.8	19.6		
GARST	4212 RR/STS/N	U	57.5	9/23	2.6	39	34.4	20.4	50.7	33.8	20.3	64.2	35.0	20.5	61.7	
GARST	4512 RR/N*	U	56.8	9/24	2.5	44	33.8	20.8	49.8	32.8	20.9	63.9	34.8	20.7	60.5	55.0
GARST	484 RR/N	U	49.4	9/28	2.8	48	35.5	19.3	44.8	34.4	19.6	53.9	36.6	19.0	53.8	51.2
HUBNER	H 402 NRR*	F	58.3	9/20	2.5	37	34.2	21.0	51.8	33.4	21.2	64.7	35.0	20.9		
HUBNER	H 427 NRR*	F	57.0	9/24	2.5	37	34.1	20.4	47.5	33.8	20.3	66.5	34.4	20.5		
HUBNER	H 431 NRR*	F	57.7	9/24	2.8	44	33.2	21.2	51.4	32.4	21.3	64.0	33.9	21.2		
KRUGER	K-473 RR/SCN	B	47.8	10/1	2.4	48	35.0	19.2	44.0	34.1	19.3	51.6	35.9	19.1		
M & D SEED	9440 NRR*	U	58.4	9/24	2.6	37	34.4	20.5	52.2	34.0	20.4	64.7	34.8	20.5	58.2	
MERSCHMAN	AUSTIN 643RR	U	59.2	9/23	2.6	38	34.1	20.4	51.9	33.3	20.4	66.4	34.9	20.4		
MERSCHMAN	DALLAS RR	F	57.5	9/24	2.8	42	36.5	19.6	52.8	35.6	19.9	62.2	37.4	19.4	59.9	
MERSCHMAN	MEMPHIS 642RR	U	56.2	9/25	3.0	48	34.5	20.0	49.3	33.3	20.4	63.0	35.8	19.6		
MERSCHMAN	ROCKY RR	F	56.1	9/28	2.8	43	34.8	19.5	47.1	33.9	19.4	65.1	35.6	19.5	54.5	
MIDLAND	9A445 NRR	B	49.3	9/24	2.8	45	34.0	19.7	48.7	32.8	20.1	49.8	35.2	19.4	50.3	
MIDLAND	9A475 XRR	B	48.2	9/25	2.6	45	34.7	20.0	45.1	33.4	20.3	51.4	35.9	19.7	51.4	
MIDLAND	9A485 XRR	B	48.5	9/27	2.7	47	34.9	20.0	45.1	34.3	20.1	51.8	35.5	19.8		
MIDLAND	MG 4006 NRR	B	53.6	9/24	2.5	41	33.1	20.5	46.5	32.7	20.6	60.7	33.5	20.4		
MIDLAND	MG 4606 NRR	B	58.5	9/26	2.8	46	35.4	19.5	53.7	34.4	19.7	63.4	36.4	19.2		
MIDWEST SEED GEN	GR 4752*	U	58.0	9/25	2.6	43	36.4	19.0	52.7	35.9	19.0	63.4	36.8	18.9		
MILES	SC LEVI 4.4NRR	U	53.6	9/22	2.6	39	33.8	20.5	48.4	32.9	20.7	58.7	34.7	20.2		
MILES	SC MOAB 4.5NRR	U	55.1	9/25	3.2	46	34.7	19.8	50.1	33.7	20.1	60.0	35.8	19.4		
MILES	SC REUBEN 4.8NRR	U	48.2	10/3	2.6	48	35.4	19.1	43.9	34.3	19.4	52.4	36.4	18.8		
NK	S 42-P7*	B	53.4	9/23	2.8	40	35.9	19.5	48.0	35.6	19.4	58.7	36.3	19.6		
NK	S 43-B1*	B	55.7	9/24	2.7	42	34.7	19.5	50.4	34.5	19.4	61.0	34.8	19.5	54.9	53.5
NK	S 49-Q9*	B	48.0	9/30	2.4	46	35.4	18.1	46.6	33.9	18.6	49.4	36.9	17.7	52.6	
PIONEER	94M30	B	57.8	9/24	2.8	41	36.6	19.8	49.8	35.6	20.0	65.8	37.6	19.6		
PIONEER	94M50	B	57.1	9/25	2.4	40	35.4	20.0	48.3	35.3	19.7	65.8	35.5	20.3		
PIONEER	94M70*	B	56.3	9/24	3.6	45	35.4	19.9	52.0	34.7	19.8	60.6	36.1	20.0	56.5	53.6
PIONEER	94M80	B	59.4	9/26	2.8	47	36.6	19.3	52.6	36.0	19.3	66.2	37.1	19.3		
SOUTHERN STATES	RT 4151 N	F	56.0	9/26	2.6	41	36.4	19.8	52.2	36.2	19.6	59.8	36.5	20.1		
SOUTHERN STATES	RT 4230 N	F	51.9	9/25	2.7	42	34.8	20.5	48.6	34.4	20.4	55.3	35.2	20.5	56.9	53.2
SOUTHERN STATES	RT 4440 N	F	57.5	9/26	2.8	45	33.8	20.8	51.7	32.8	20.9	63.3	34.8	20.6	48.3	

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COMPANY	VARIETY*	IST <sup>1</sup>	Regional Results						Carbondale	Carbondale	Carbondale	Harrisburg	Harrisburg	Harrisburg	2 yr	3 yr
			Yield bu/a	Maturity Date	Lodging	Height in	Protein @13%	Oil @13%	Yield bu/a	Protein @13%	Oil @13%	Yield bu/a	Protein @13%	Oil @13%	Avg Yield bu/a	Avg Yield bu/a
	*Producer Nominated															
SOUTHERN STATES	RT 4451 N	U	58.6	9/22	2.9	43	34.6	20.0	52.1	33.3	20.3	65.1	35.8	19.6		
SOUTHERN STATES	RT 4502 N	F	46.0	9/25	2.6	47	36.4	19.4	44.0	35.8	19.5	48.0	37.1	19.3	47.9	45.9
SOUTHERN STATES	RT 4551 N	F	52.0	10/11	2.7	39	36.6	18.5	52.4	36.2	18.4	51.6	37.0	18.5		
SOUTHERN STATES	RT 4651 N	F	46.0	9/25	2.8	44	36.1	18.0	45.2	34.9	18.1	46.9	37.3	17.9		
SOUTHERN STATES	RT 4808 N	U	56.4	9/27	2.7	45	34.1	19.2	53.0	32.5	19.5	59.9	35.6	18.9		
SOUTHERN STATES	RT 4981 N	F	48.3	10/4	2.6	52	35.3	19.6	49.6	35.1	19.4	47.0	35.5	19.8		
STEYER	4000 RRSCN	U	59.0	9/18	2.4	37	34.3	21.0	53.0	33.7	21.1	65.1	34.9	20.9	60.8	57.1
STEYER	4030 RRSCN	U	54.7	9/24	2.6	37	35.3	19.7	45.9	34.8	19.7	63.4	35.7	19.7		
STEYER	4420 RRSCN	U	54.3	9/25	2.9	50	35.2	19.8	48.2	34.2	20.0	60.4	36.2	19.5		
STINE	4842-4	U	55.1	9/29	3.0	42	34.0	19.6	47.6	33.1	19.7	62.6	35.0	19.5	60.1	56.1
TRISOY	4227 RR(CN)	U	56.8	9/24	2.4	36	33.8	20.5	51.4	33.2	20.5	62.1	34.4	20.6	59.7	57.5
TRISOY	4254 RR(CN)	U	56.1	9/25	2.3	40	32.3	20.7	48.7	31.6	20.8	63.6	33.0	20.6		
TRISOY	4557 RR(CN)	U	57.7	9/27	3.1	47	35.1	19.7	53.5	33.9	20.2	61.9	36.3	19.3		
TRISOY	4858 RR(CN)	U	45.5	9/26	2.8	44	34.8	18.9	44.2	33.5	19.2	46.9	36.0	18.6		
VIGORO	V 42N3 RR*	F	56.6	9/24	2.5	38	34.1	20.5	47.6	34.1	20.2	65.5	34.2	20.8	60.3	
VIGORO	V 44N6 RR	F	58.8	9/27	2.7	45	34.6	20.1	54.0	33.4	20.4	63.7	35.7	19.7		
	AVERAGE		54.7	9/26	2.7	43	35.0	19.8	49.5	34.3	19.9	60.0	35.7	19.7	57.0	54.5
	L.S.D. 25% LEVEL		3.9		0.2	2	0.66	0.31	3.0	0.8	0.3	2.6	0.3	0.2		
	COEFF. OF VAR. (%)		10.7		13.7	7	2.8	2.3	6.5	2.3	1.4	4.6	1.0	1.0		
<b>MATURITY GROUP 5</b>																
ASGROW	AG 5301*	B	45.5	10/5	2.5	38	35.3	18.5	50.3	34.4	19.0	40.8	36.3	18.1		
ASGROW	AG 5501*	B	47.0	10/7	2.8	44	36.0	18.7	47.4	35.0	19.0	46.6	36.9	18.3		
DELTA KING	DK 5066	F	52.7	10/5	3.0	46	36.6	19.3	48.7	35.9	19.4	56.8	37.3	19.2		
DELTA KING	DK 5161	F	46.5	10/7	3.3	39	34.6	19.3	51.4	34.0	19.7	41.7	35.2	19.0	45.9	
DELTA KING	DK 5366	F	48.5	10/13	2.9	41	35.4	18.5	48.4	35.1	18.6	48.5	35.7	18.5	48.7	47.9
DELTA KING	DK 5567	F	52.8	10/13	2.9	40	35.1	18.7	52.4	35.1	18.5	53.3	35.1	18.8		
DELTA KING	DK 55T6	F	48.8	10/15	2.9	42	35.4	18.6	59.0	35.4	18.3	38.7	35.3	19.0	47.2	
EXCEL	8530 NNRR	B	45.9	10/8	3.3	41	35.0	18.2	45.5	33.9	18.5	46.3	36.1	17.9	50.1	
FS HISOY	HS 5426*	B	48.4	10/11	2.8	37	35.1	19.0	52.8	34.8	19.0	44.1	35.3	18.9	51.1	50.3
M & D SEED	9550 RRSTS*	U	48.3	10/12	2.8	41	35.1	18.8	48.7	34.2	19.0	47.9	36.1	18.5	54.1	
MERSCHMAN	EVEREST RR	F	44.0	10/7	2.7	43	35.6	18.3	45.1	34.7	18.7	42.8	36.5	18.0	49.0	
MERSCHMAN	OLYMPUS RR	F	46.0	10/1	3.5	48	35.3	19.9	42.5	34.8	19.9	49.5	35.9	19.9	46.4	
MERSCHMAN	RUSHMORE 553RR	F	50.5	10/5	3.0	46	36.0	19.6	46.1	35.4	19.6	54.9	36.7	19.5	50.5	
SOUTHERN STATES	RT 5130 N	F	45.1	10/2	2.8	41	37.2	18.1	48.8	36.3	18.4	41.4	38.1	17.8	46.6	
SOUTHERN STATES	RT 5302 N	F	46.0	10/7	2.7	42	36.3	18.1	46.0	36.2	18.1	46.0	36.3	18.1		
	AVERAGE		47.7	10/8	2.9	42	35.6	18.8	48.9	35.0	18.9	46.6	36.2	18.6	48.9	49.1
	L.S.D. 25% LEVEL		6.6		0.2	2	0.67	0.36	2.4	0.3	0.1	2.4	0.3	0.2		
	COEFF. OF VAR. (%)		20.0		9.3	8	2.7	2.8	8.8	1.4	1.4	9.1	1.4	1.7		

<sup>1</sup>IST= Insecticide Seed Treatment: U= Untreated, F= Fungicide, B= Insecticide+Fungicide