

2009 SCN UNIFORM II ROUNDUP READY

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits
1 AG2403	PTbl	na	4		RR
2 AG2002	PTbl	na	2		RR
3 AG2607	PGibl	na	New		RR
4 NEX2905A0R	PGibl	na	2		RR
5 U03-813111	WTbl	na	3	F5	RR, Rps
6 LD06-30504Ra	PGbf	LD02-4485(3) x ((SD01-3603R (2) x (Dowling x Loda))	08 SCN P II RR	F3	RR, Rag1
7 LD06-30505Ra	PGbf	LD02-4485(3) x ((SD01-3603R (2) x (Dowling x Loda))	08 SCN P II RR	F3	RR, Rag1
8 ORC 0814RN	PTbl	Loda x RCAT 0210RR	New		RR
9 U05-816069R	PTbl	na	1		RR, SCN, Rps1-c, SDS
10 U05-836005R	PTbl	na	1		RR, SDS, Rps?,SCN, dt
11 U06-813215R	PGibl	na	08 SCN P II RR		RR,SCL,SCN,RK,dt
12 U06-814223R	WTbl	na	08 SCN U I RR		RR,SCN,RC,dt
13 U06-814263R	WTbl	na	08 SCN P II RR		RR,SCN,RC
14 U07-135322R	PTbl	na	New	F4	RR
15 U07-236486R	MGbf/ibl	na	New	F4	RR
16 U07-439014R	WTbl	na	New	F4	RR

Entry	IL SCN screening				Purdue SCN screening		SIU SDS
	HG 0		HG 2.5.7		HG 0	HG 2.5.7	Havana
	Fl	rating	Fl	rating	rating	rating	DX

1 AG2403	81	NR	77	NR	S	S	35
2 AG2002	6	HR	81	NR	S	MS	17
3 AG2607	23	R	73	NR	MS	S	26
4 NEX2905A0R	81	NR	75	NR	S	S	9
5 U03-813111	10	R	68	NR	S	MS	18
6 LD06-30504Ra	3	HR	53	LR	MR	MS	3
7 LD06-30505Ra	2	HR	63	NR	MR	S	2
8 ORC 0814RN	1	HR	66	NR	MR	S	7
9 U05-816069R	9	HR	71	NR	MR	MS	27
10 U05-836005R	8	HR	70	NR	MS	R	4
11 U06-813215R	9	HR	72	NR	S	S	14
12 U06-814223R	60	NR	79	NR	S	S	22
13 U06-814263R	95	NR	88	NR	S	S	28
14 U07-135322R	65	NR	86	NR	S	S	24
15 U07-236486R	98	NR	82	NR	S	S	41
16 U07-439014R	90	NR	83	NR	S	S	44

2 K-233+RR (res)
 25 2900CR (sus)
 50 Mean
 16 LSD (P<0.05)

2009 SCN UNIFORM II ROUNDUP READY

2009 Summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed			
		Infested bu/a	Infested rank	Non-infested bu/a	Non-infested rank				quality score	weight g/100	protein %	oil %
		9		1		9	7	8	5	9	6	6
1 AG2403		44.5	16	80.7	10	926	1.3	26	2.0	16.1	34.4	17.4
2 AG2002		52.5	12	81.9	7	0	1.2	30	2.0	13.8	34.4	18.1
3 AG2607		55.6	5	85.8	4	2	1.4	31	2.0	15.7	36.1	17.1
4 NEX2905A0R		52.9	11	81.7	8	7	1.3	31	2.4	13.3	34.4	17.5
5 U03-813111		54.6	6	74.9	15	5	1.4	32	2.4	17.2	34.3	17.3
6 LD06-30504Ra		54.0	7	82.1	6	3	1.3	31	2.4	16.0	32.7	18.4
7 LD06-30505Ra		58.3	1	78.6	13	5	1.6	31	2.6	15.4	33.3	18.0
8 ORC 0814RN		55.7	4	74.9	16	3	1.5	33	2.2	18.0	34.5	18.0
9 U05-816069R		53.6	8	75.6	14	5	1.4	35	2.6	13.9	35.4	16.6
10 U05-836005R		53.5	9	79.2	12	4	1.4	31	2.2	14.4	35.7	17.4
11 U06-813215R		56.4	3	88.6	3	1	1.5	29	2.2	16.1	35.3	17.6
12 U06-814223R		56.9	2	90.7	1	0	1.2	28	2.2	14.5	34.5	18.4
13 U06-814263R		51.5	13	81.4	9	4	1.3	33	2.4	14.0	34.2	17.8
14 U07-135322R		46.2	15	80.5	11	1	1.4	29	2.2	13.4	33.5	17.8
15 U07-236486R		53.5	9	90.4	2	8	1.4	33	2.4	16.2	34.0	17.3
16 U07-439014R		47.8	14	84.6	5	1	1.2	29	2.2	15.8	32.8	18.3

2 year summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed			
		Infested bu/a	Infested rank	Non-infested bu/a	Non-infested rank				quality score	weight g/100	protein %	oil %
		16		1		18	16	17	11	20	13	13
1 AG2403		49.6	6	80.7	3	923	1.2	25.9	1.9	15.4	34.3	18.2
2 AG2002		53.5	4	81.9	1	-1	1.1	30.2	1.8	13.6	34.5	18.5
4 NEX2905A0R		53.1	5	81.7	2	7	1.3	30.8	2.0	15.0	33.9	18.1
5 U03-813111		55.0	1	74.9	6	6	1.4	31.6	2.1	15.9	33.3	18.6
9 U05-816069R		55.0	1	75.6	5	5	1.3	34.8	2.1	13.6	35.0	17.3
10 U05-836005R		53.9	3	79.2	4	4	1.3	31.0	2.0	13.9	35.0	17.8

2009 SCN UNIFORM II ROUNDUP READY

Yield (bu/a)

SCN HG Type	Grand									
	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Junction	Beresford
	IL	IL	NE	NE	NE	OH	ON	SD	TN	SD
SCN HG Type	2.5.7	2.5.7	7	5.7	0	2.5.7	7	7	I	NI
Strain										
1 AG2403	50.5	62.2	55.3	43.5	60.1	29.5	23.2	31.8	44.7	80.7
2 AG2002	58.5	61.7	61.3	57.6	63.8	44.2	46.3	39.4	40.0	81.9
3 AG2607	68.2	65.1	68.4	56.1	67.6	38.4	51.1	48.1	37.3	85.8
4 NEX2905A0R	55.8	68.0	66.3	60.4	71.2	28.2	28.7	34.6	63.3	81.7
5 U03-813111	57.6	64.4	67.0	59.2	75.1	37.1	43.9	38.7	48.7	74.9
6 LD06-30504Ra	61.4	62.9	62.7	60.2	58.1	41.8	52.3	42.5	43.7	82.1
7 LD06-30505Ra	56.2	65.0	73.4	58.4	69.8	44.9	52.2	44.9	59.7	78.6
8 ORC 0814RN	59.5	64.8	67.7	60.5	71.8	34.5	54.6	32.8	54.7	74.9
9 U05-816069R	56.6	65.4	65.3	61.8	71.4	38.1	45.4	35.4	43.3	75.6
10 U05-836005R	58.0	61.5	66.9	63.0	75.1	40.2	48.1	35.6	32.7	79.2
11 U06-813215R	68.2	60.0	72.1	65.4	72.4	32.6	51.5	48.3	36.7	88.6
12 U06-814223R	69.0	65.9	68.8	64.9	77.0	38.2	47.0	41.7	39.3	90.7
13 U06-814263R	62.2	62.9	63.7	55.8	72.4	31.2	22.7	38.3	54.3	81.4
14 U07-135322R	56.0	56.8	57.5	52.3	61.5	29.8	22.1	40.1	40.0	80.5
15 U07-236486R	60.9	72.7	59.5	62.3	76.1	33.6	29.5	45.6	41.3	90.4
16 U07-439014R	63.7	59.9	61.9	52.7	67.3	28.6	17.2	40.5	38.3	84.6
Average	60.1	63.7	64.9	58.4	69.4	35.7	39.7	39.9	44.9	81.9
LSD(.05)	6.7	6.9	10.8	8.6	12.2	6.7	5.0	9.6	15.6	7.4
C.V. %	5.3	5.2	6.7	6.0	7.1	13.6	9.1	14.5	20.8	5.4
Replications	2	2	2	2	2	3	3	3	3	3
Row width (in.)	30	30	30	30	30	24	24	30	30	30

Yield (rank)

SCN HG Type	Grand									
	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Junction	Beresford
	IL	IL	NE	NE	NE	OH	ON	SD	TN	SD
SCN HG Type	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI
Strain										
1 AG2403	16	11	16	16	15	14	13	16	6	10
2 AG2002	9	12	13	11	13	2	8	9	10	7
3 AG2607	2	5	4	12	11	5	5	2	14	4
4 NEX2905A0R	15	2	8	7	9	16	12	14	1	8
5 U03-813111	11	8	6	9	3	8	10	10	5	15
6 LD06-30504Ra	6	9	11	8	16	3	2	5	7	6
7 LD06-30505Ra	13	6	1	10	10	1	3	4	2	13
8 ORC 0814RN	8	7	5	6	7	9	1	15	3	16
9 U05-816069R	12	4	9	5	8	7	9	13	8	14
10 U05-836005R	10	13	7	3	4	4	6	12	16	12
11 U06-813215R	2	14	2	1	5	11	4	1	15	3
12 U06-814223R	1	3	3	2	1	6	7	6	12	1
13 U06-814263R	5	9	10	13	6	12	14	11	4	9
14 U07-135322R	14	16	15	15	14	13	15	8	10	11
15 U07-236486R	7	1	14	4	2	10	11	3	9	2
16 U07-439014R	4	15	12	14	12	15	16	7	13	5

2009 SCN UNIFORM II ROUNDUP READY

Maturity

SCN HG Type	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Grand	
	IL	IL	NE	NE	NE	OH	ON	SD	Junction	Beresford
	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	SD NI
Strain										
1 AG2403	10/9	9/11	9/23		9/27	9/29	9/21	10/10	9/8	10/4
2 AG2002	-3	0	-2		0	0	1	-1	0	4
3 AG2607	-2	3	3		1	3	7		1	2
4 NEX2905A0R	5	9	5		10	7	9		3	9
5 U03-813111	2	5	2		4	9	7		3	10
6 LD06-30504Ra	3	6	4		2	0	6	0	1	4
7 LD06-30505Ra	4	8	5		6	2	8		1	6
8 ORC 0814RN	-2	5	3		3	-4	3	1	11	8
9 U05-816069R	4	5	3		9	3	7		3	8
10 U05-836005R	2	4	4		3	2	8		0	9
11 U06-813215R	2	5	0		2	-2	4		0	-2
12 U06-814223R	-4	2	-1		1	3	5	-1	0	-2
13 U06-814263R	3	5	0		4	5	4		3	7
14 U07-135322R	-2	6	1		0	3	2	-2	0	5
15 U07-236486R	6	10	2		9	12	7		11	9
16 U07-439014R	1	1	0		1	0	2	-1	0	4
Planted	6/7	5/21	5/29	6/1	5/29	6/4	5/26	6/3	6/1	5/26

Lodging (score)

SCN HG Type	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Grand	
	IL	IL	NE	NE	NE	OH	ON	SD	Junction	Beresford
	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	SD NI
Strain										
1 AG2403	1.0	1.3				1.0	1.0	1.0	1.0	3.0
2 AG2002	1.0	1.5				1.0	1.0	1.0	1.0	2.0
3 AG2607	1.0	2.0				1.0	1.0	1.0	1.0	3.0
4 NEX2905A0R	1.0	2.3				1.0	1.0	1.0	1.0	2.0
5 U03-813111	1.3	1.8				1.0	1.0	1.0	1.0	3.0
6 LD06-30504Ra	1.3	2.0				1.0	1.0	1.0	1.0	2.0
7 LD06-30505Ra	1.5	2.0				1.0	1.0	1.0	1.0	4.0
8 ORC 0814RN	1.0	2.3				1.0	1.0	1.0	1.0	3.0
9 U05-816069R	1.0	1.8				1.0	1.0	1.0	1.0	3.0
10 U05-836005R	1.0	2.5				1.0	1.0	1.0	1.0	2.0
11 U06-813215R	1.3	3.0				1.0	1.0	1.0	1.0	2.0
12 U06-814223R	1.0	2.3				1.0	1.0	1.0	1.0	1.0
13 U06-814263R	1.0	2.3				1.0	1.0	1.0	1.0	2.0
14 U07-135322R	1.0	3.0				1.0	1.0	1.0	1.0	2.0
15 U07-236486R	1.3	2.8				1.0	1.0	1.0	1.0	2.0
16 U07-439014R	1.0	1.5				1.0	1.0	1.0	1.0	2.0

2009 SCN UNIFORM II ROUNDUP READY

Height (inches)

SCN HG Type	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Grand	
	IL	IL	NE	NE	NE	OH	ON	SD	Junction	Beresford
	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI
Strain										
1 AG2403	27	30	28			19	19	28	22	35
2 AG2002	35	36	27			26	26	28	25	37
3 AG2607	37	36	34			26	27	29	26	37
4 NEX2905A0R	37	38	36			26	23	28	20	40
5 U03-813111	37	37	36			27	23	30	22	40
6 LD06-30504Ra	36	36	35			25	23	28	25	41
7 LD06-30505Ra	36	36	34			25	25	27	27	36
8 ORC 0814RN	38	42	37			25	26	29	28	39
9 U05-816069R	39	39	37			30	29	34	31	42
10 U05-836005R	36	37	37			25	23	31	21	37
11 U06-813215R	36	35	32			23	24	28	20	38
12 U06-814223R	32	30	28			23	23	30	18	37
13 U06-814263R	38	41	37			27	23	30	28	40
14 U07-135322R	34	37	35			22	20	31	19	37
15 U07-236486R	40	42	35			24	22	38	25	40
16 U07-439014R	35	36	32			21	17	29	23	37

Seed Quality (score)

SCN HG Type	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Grand	
	IL	IL	NE	NE	NE	OH	ON	SD	Junction	Beresford
	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI
Strain										
1 AG2403	1.0	1.0						2.0	4.0	2.0
2 AG2002	1.0	1.0						2.0	4.0	2.0
3 AG2607	1.0	1.0						2.0	4.0	2.0
4 NEX2905A0R	2.0	1.0						3.0	4.0	2.0
5 U03-813111	2.0	1.0						3.0	4.0	2.0
6 LD06-30504Ra	2.0	1.0						3.0	4.0	2.0
7 LD06-30505Ra	3.0	1.0						3.0	4.0	2.0
8 ORC 0814RN	2.0	1.0						2.0	4.0	2.0
9 U05-816069R	3.0	1.0						3.0	4.0	2.0
10 U05-836005R	2.0	1.0						2.0	4.0	2.0
11 U06-813215R	1.0	2.0						2.0	4.0	2.0
12 U06-814223R	1.0	2.0						2.0	4.0	2.0
13 U06-814263R	2.0	1.0						3.0	4.0	2.0
14 U07-135322R	1.0	1.0						3.0	4.0	2.0
15 U07-236486R	2.0	1.0						3.0	4.0	2.0
16 U07-439014R	1.0	1.0						3.0	4.0	2.0

Seed Weight (g/100)

SCN HG Type	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Grand	
	IL	IL	NE	NE	NE	OH	ON	SD	Junction	Beresford
	2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI
Strain										
1 AG2403	17.9	17.4		15.7	16.9	16.9	14.9	15.5	13.8	16.0
2 AG2002	15.4	14.4		13.8	13.3	14.7	14.2	13.9	12.0	12.5
3 AG2607	17.5	16.5		14.9	15.5	16.6	16.2	14.4	14.1	15.3
4 NEX2905A0R	14.3	14.3		13.5	14.7	13.1	12.5	12.5	12.8	11.6
5 U03-813111	17.6	19.0		17.0	18.2	18.8	17.6	15.8	14.2	16.3
6 LD06-30504Ra	17.2	16.2		15.7	15.5	16.5	16.7	16.6	14.3	14.9
7 LD06-30505Ra	16.1	15.0		15.3	15.2	17.0	16.1	14.9	14.4	14.2
8 ORC 0814RN	19.5	19.0		17.3	18.6	18.3	19.9	19.3	14.2	15.7
9 U05-816069R	14.6	14.1		14.4	15.0	14.4	14.5	13.3	12.4	12.6
10 U05-836005R	15.9	14.2		14.4	14.7	13.9	15.1	15.1	12.7	13.4
11 U06-813215R	16.9	15.5		17.4	17.9	13.9	17.6	16.5	13.9	15.4
12 U06-814223R	15.5	15.9		14.3	15.5	14.2	14.5	13.9	12.0	14.3
13 U06-814263R	15.6	13.8		13.9	14.7	15.4	13.4	12.6	12.7	13.7
14 U07-135322R	14.3	14.7		13.2	13.4	14.2	12.6	13.3	11.8	12.8
15 U07-236486R	18.4	16.8		15.8	17.1	17.0	16.3	15.8	13.8	14.6
16 U07-439014R	17.6	16.3		16.4	16.6	17.2	14.8	14.4	13.2	16.0

2009 SCN UNIFORM II ROUNDUP READY

Protein (%)

SCN HG Type	Grand									
	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Junction	Beresford
	IL	IL	NE	NE	NE	OH	ON	SD	TN	SD
2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI	
Strain										
1 AG2403	32.4	33.3				37.1	35.5			
2 AG2002	32.4	34.0				36.0	35.0			
3 AG2607	33.3	34.4				39.7	37.6			
4 NEX2905A0R	33.5	32.2				37.5	34.7			
5 U03-813111	30.9	33.5				37.1	35.4			
6 LD06-30504Ra	30.6	31.9				34.6	32.9			
7 LD06-30505Ra	30.9	33.7				34.9	33.0			
8 ORC 0814RN	31.7	34.2				36.6	35.1			
9 U05-816069R	32.9	34.1				38.0	35.8			
10 U05-836005R	35.7	34.8				37.5	36.2			
11 U06-813215R	34.5	33.2				37.8	35.4			
12 U06-814223R	33.1	34.3				35.9	34.4			
13 U06-814263R	31.5	32.3				37.5	35.4			
14 U07-135322R	30.6	33.2				35.1	35.1			
15 U07-236486R	31.9	31.6				37.5	35.8			
16 U07-439014R	30.9	30.9				34.7	34.0			

Oil (%)

SCN HG Type	Grand									
	Dekalb	Urbana2	Herman	Lyons	Takamah	Harrow2	Chatham2	Hurly	Junction	Beresford
	IL	IL	NE	NE	NE	OH	ON	SD	TN	SD
2.5.7	2.5.7	7	5.7	0	2.5.7	7	I	I	NI	
Strain										
1 AG2403	16.0	18.0				18.1	18.6			
2 AG2002	17.0	18.7				18.3	19.0			
3 AG2607	16.0	17.9				16.8	17.6			
4 NEX2905A0R	17.9	18.6				16.5	18.0			
5 U03-813111	16.8	18.3				16.8	18.4			
6 LD06-30504Ra	17.2	18.8				18.8	19.5			
7 LD06-30505Ra	17.4	18.8				18.2	19.1			
8 ORC 0814RN	16.2	18.3				19.2	19.8			
9 U05-816069R	15.5	16.9				16.5	17.6			
10 U05-836005R	18.3	17.9				16.6	17.7			
11 U06-813215R	17.9	17.2				16.2	18.6			
12 U06-814223R	18.2	18.2				18.5	19.6			
13 U06-814263R	17.1	18.1				17.7	18.7			
14 U07-135322R	16.6	18.8				18.6	18.1			
15 U07-236486R	16.1	18.6				16.7	17.5			
16 U07-439014R	17.2	18.8				19.4	19.1			