

2009 SCN UNIFORM III ROUNDUP READY

Strain	FPhlm	Parentage	Previous testing	Gen. Comp.	Traits
1 U03-827101	WTbl	na	2	F5	RR
2 NEX2905A0R	PGibl	na	2		RR
3 AG3504	PGibl	na	1		RR
4 AG3803	WGbf	na	New		RR
5 LD06-14187R	PTbl	LD00- 9276 x LD00- 3309	New	F5	RR
6 LD06-15478R	WTbl	LD00- 9276 x LS93-0375	New	F5	RR
7 SS05-5618	WGbf	na	New	F5	RR, LOW LIN
8 U04-330132	WGbf	na	1	F5	RR, Rps1c
9 U05-826080R	PGibl	na	1		RR, Rps?
10 U05-840045R	PGibl	na	08 SCN U II RR		RR, Rps?
11 U06-333021R	PGibl	na	08 SCN P II RR		RR,SDS
12 U06-333321R	PGibl	na	08 SCN P III RR		RR,RC
13 U07-236360R	PGibl	na	New	F4	RR
14 U08-914024R	PTbl	na	New	F4	RR
15 U08-915021R	PTbl	na	New	F4	RR
16 U08-917024R	PTbl	na	New	F4	RR
17 U08-924029R	PTbl	na	New	F4	RR

Disease evaluations

Entry	IL SCN screening				Purdue SCN screening		SIU SDS
	HG 0		HG 2.5.7		HG 0	HG 2.5.7	Valmeyer
	Fl	rating	Fl	rating	rating	rating	DX
1 U03-827101	3	HR	62	NR	S	S	24
2 NEX2905A0R	81	NR	75	NR	S	S	42
3 AG3504	6	HR	59	LR	MS	S	17
4 AG3803	5	HR	70	NR	S	S	18
5 LD06-14187R	1	HR	59	LR	S	MS	3
6 LD06-15478R	2	HR	57	NR	S	MS	8
7 SS05-5618	58	LR	61	NR	S	S	50
8 U04-330132	3	HR	77	NR	S	MR	28
9 U05-826080R	11	R	79	NR	S	S	31
10 U05-840045R	4	HR	81	NR	S	S	22
11 U06-333021R	11	R	73	NR	MS	S	18
12 U06-333321R	9	HR	53	LR	MS	MS	13
13 U07-236360R	57	LR	72	NR	MR	S	33
14 U08-914024R	81	NR	68	NR	R	S	28
15 U08-915021R	83	NR	66	NR	R	R	42
16 U08-917024R	73	NR	51	LR	S	S	39
17 U08-924029R	100	NR	65	NR	S	S	36

44 MAC02-323 (sus)
44 MAC02-256 (sus)
35 Mean
20 LSD

2009 SCN UNIFORM III 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 %
1	U03-827101	61.4	4	49.9	7	926	1.3	30	1.8	16.4	34.4	17.9
2	NEX2905A0R	59.9	9	44.1	17	-5	1.3	28	2.1	12.6	32.8	18.8
3	AG3504	62.7	3	53.8	4	1	1.9	33	1.9	15.2	34.0	17.6
4	AG3803	63.3	1	56.9	1	4	1.7	31	2.0	15.5	33.6	18.2
5	LD06-14187R	62.9	2	44.7	16	-3	1.8	32	2.1	14.2	33.6	18.2
6	LD06-15478R	60.1	8	45.8	14	0	1.4	30	1.8	14.9	34.6	17.3
7	SS05-5618	50.8	17	46.6	13	1	1.7	32	2.3	16.0	34.2	18.0
8	U04-330132	59.0	11	56.2	2	2	1.5	32	1.8	14.6	33.9	18.4
9	U05-826080R	60.9	6	49.9	7	1	1.3	30	1.8	15.5	34.8	18.3
10	U05-840045R	60.8	7	48.5	10	0	1.4	30	2.1	15.4	33.9	19.0
11	U06-333021R	58.7	13	47.4	12	-3	1.2	29	1.9	14.6	34.2	18.2
12	U06-333321R	58.9	12	50.7	6	-4	1.3	28	2.1	14.5	34.3	18.3
13	U07-236360R	57.4	15	45.4	15	-6	1.3	25	2.4	16.1	32.4	18.9
14	U08-914024R	61.4	4	48.9	9	-1	1.4	28	2.0	15.0	32.8	18.6
15	U08-915021R	56.3	16	47.5	11	0	1.3	30	1.9	14.6	32.2	19.0
16	U08-917024R	59.1	10	52.0	5	1	1.2	29	1.9	14.6	32.6	18.6
17	U08-924029R	58.7	13	54.5	3	3	1.2	31	1.9	15.0	33.6	19.0

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 %
1	U03-827101	63.0	2	47.7	4	926	1.4	31	1.8	15.9	34.5	18.0
2	NEX2905A0R	59.2	5	44.6	5	-5	1.2	27	2.0	12.5	33.1	19.0
3	AG3504	63.0	2	50.3	2	0	1.9	33	1.9	14.8	34.4	17.8
8	U04-330132	62.0	4	51.8	1	2	1.6	34	1.8	14.4	34.5	18.4
9	U05-826080R	63.4	1	48.8	3	0	1.4	31	1.7	15.2	34.9	18.5

2009 SCN UNIFORM III ROUNDUP READY

SCN HG Type	Yield (bu/a)												
	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand			Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	Sandoval	Columbia	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	76.6	48.2	55.0	74.7	11.8	43.7	71.5	52.0	65.3	65.3	49.6	68.9	31.3
2 NEX2905A0R	73.1	54.8	46.4	65.8	8.9	56.1	65.3	54.8	72.9	49.7	47.6	63.2	21.6
3 AG3504	73.9	53.4	60.9	74.0	5.9	43.5	70.7	60.9	59.3	68.0	53.3	73.6	34.6
4 AG3803	80.2	31.3	62.3	82.6	10.3	42.0	72.0	52.3	65.4	81.3	58.8	77.5	34.3
5 LD06-14187R	67.8	44.1	59.0	68.8	15.3	56.8	70.7	58.5	69.9	70.3	40.6	67.8	25.7
6 LD06-15478R	71.4	43.3	56.6	73.4	22.5	40.5	63.7	54.0	58.7	79.3	49.1	59.5	28.9
7 SS05-5618	65.6	41.5	34.5	53.5	9.5	45.9	54.4	43.3	53.7	65.0	54.9	58.1	26.8
8 U04-330132	79.0	54.3	49.5	68.0	13.4	42.5	62.8	54.8	68.2	51.7	55.4	71.2	42.1
9 U05-826080R	73.1	45.4	42.5	67.4	12.0	53.8	74.4	54.9	72.6	64.3	51.9	64.1	33.7
10 U05-840045R	73.1	53.4	52.6	67.4	10.1	39.4	73.9	63.2	67.5	56.7	53.9	62.9	28.6
11 U06-333021R	71.1	53.1	57.8	69.1	9.6	37.6	65.9	56.2	56.3	61.3	50.4	61.9	30.0
12 U06-333321R	70.5	46.5	58.6	67.1	8.9	45.6	55.5	55.8	68.9	62.0	54.1	66.6	31.3
13 U07-236360R	69.9	47.1	45.3	67.9	10.7	47.8	62.1	54.7	73.2	48.3	52.0	61.4	22.8
14 U08-914024R	84.1	48.6	45.6	65.7	3.1	37.2	69.6	54.8	70.2	77.0	58.8	60.5	27.5
15 U08-915021R	75.1	51.0	33.9	67.7	12.8	44.2	63.8	46.6	62.5	62.0	51.9	58.3	32.3
16 U08-917024R	83.7	52.3	44.9	70.4	9.8	47.1	49.8	42.4	66.7	74.3	57.2	62.5	36.4
17 U08-924029R	74.0	54.2	46.1	69.5	5.9	43.0	57.1	42.8	63.1	78.7	60.1	63.5	40.0
Average	74.2	48.4	50.1	69.0	10.6	45.1	64.9	53.1	65.6	65.6	52.9	64.8	31.1
LSD(.05)	7.1	8.1	9.9	7.2	6.9	4.8	20.9	9.4	9.9	21.9	6.2	4.8	5.8
C.V. %	4.6	10.1	11.9	4.9	39.2*	7.6	13.1	7.2	6.1	20.1	7.0	5.3	11.2
Replications	2	3	3	2	3	3	2	2	2	3	3	3	3
Row width (in.)	30	30	30	30	30	30	30	30	30	30	30	30	30

*data not included when calculating means for summary table.

SCN HG Type	Yield (rank)												
	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand			Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	Sandoval	Columbia	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	5	10	7	2	6	9	4	13	11	8	14	4	8
2 NEX2905A0R	9	1	10	15	13	2	9	7	2	16	16	9	17
3 AG3504	8	4	2	3	15	10	5	2	14	7	9	2	4
4 AG3803	3	17	1	1	8	13	3	12	10	1	2	1	5
5 LD06-14187R	16	14	3	8	2	1	6	3	5	6	17	5	15
6 LD06-15478R	12	15	6	4	1	14	11	11	15	2	15	15	11
7 SS05-5618	17	16	16	17	12	6	16	15	17	9	6	17	14
8 U04-330132	4	2	9	9	3	12	12	8	7	15	5	3	1
9 U05-826080R	9	13	15	12	5	3	1	6	3	10	12	7	6
10 U05-840045R	9	5	8	12	9	15	2	1	8	14	8	10	12
11 U06-333021R	13	6	5	7	11	16	8	4	16	13	13	12	10
12 U06-333321R	14	12	4	14	13	7	15	5	6	11	7	6	8
13 U07-236360R	15	11	13	10	7	4	13	10	1	17	10	13	16
14 U08-914024R	1	9	12	16	17	17	7	9	4	4	2	14	13
15 U08-915021R	6	8	17	11	4	8	10	14	13	11	11	16	7
16 U08-917024R	2	7	14	5	10	5	17	17	9	5	4	11	3
17 U08-924029R	7	3	11	6	15	11	14	16	12	3	1	8	2

2009 SCN UNIFORM III ROUNDUP READY

Maturity

SCN HG Type	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand	Sandoval	Columbia	Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	IL	MO	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	9/23	10/19	9/19	9/26	9/10		10/1		10/8	9/23	9/26	9/20	9/18
2 NEX2905A0R	-7	-4	-6	-7	-8		-3		5	-13	-5	-5	-2
3 AG3504	0	-1	-1	1	1		5		6	0	-1	-1	0
4 AG3803	5	4	6	9	3		7		5	0	3	4	2
5 LD06-14187R	-3	-5	-4	-4	3		-2		-2	-6	-4	-2	-1
6 LD06-15478R	-1	1	2	0	0		0		2	0	-2	-1	0
7 SS05-5618	2	0	-4	4	0		2		5	0	-1	1	-1
8 U04-330132	3	4	2	3	3		2		7	-8	2	1	2
9 U05-826080R	1	-1	-1	0	-1		6		5	0	-1	0	-1
10 U05-840045R	-1	-2	-3	-1	-1		4		6	0	-1	-1	-1
11 U06-333021R	-4	-5	-4	-5	-2		0		1	-6	-4	-3	-3
12 U06-333321R	-6	-7	-3	-5	-6		-1		0	-11	-4	-3	-2
13 U07-236360R	-9	-4	-7	-11	-5		-3		-7	-5	-6	-5	-3
14 U08-914024R	-3	-2	-2	-5	-2		4		-1	0	0	-2	0
15 U08-915021R	-2	0	-3	-3	2		4		3	0	0	-1	0
16 U08-917024R	3	1	1	-2	0		6		6	0	1	-2	2
17 U08-924029R	3	2	5	1	1		7		7	0	4	3	2
Planted	5/22	6/29	5/30	5/23	5/12	6/9	5/29	6/1	5/29	6/1	6/6	5/21	5/21

Lodging (scodging (score))

SCN HG Type	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand	Sandoval	Columbia	Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	IL	MO	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	2.0	1.0	1.0	1.8	1.0					1.0	1.0	1.0	2.0
2 NEX2905A0R	1.5	1.0	1.0	2.5	1.0					1.0	1.0	1.0	2.0
3 AG3504	2.5	1.0	2.0	3.3	2.0					1.0	1.0	2.0	2.0
4 AG3803	2.8	1.0	2.0	2.8	1.0					1.0	1.0	1.7	2.0
5 LD06-14187R	3.0	1.0	2.0	2.8	1.0					1.0	1.0	2.0	2.0
6 LD06-15478R	2.0	1.0	1.3	2.0	1.0					1.0	1.0	1.0	2.0
7 SS05-5618	3.0	1.0	1.5	3.0	1.0					1.0	1.0	1.7	2.0
8 U04-330132	2.3	1.0	1.5	3.0	0.0					1.0	1.0	1.3	2.0
9 U05-826080R	1.5	1.0	1.0	2.5	1.0					1.0	1.0	1.0	2.0
10 U05-840045R	2.0	1.0	1.0	2.5	1.0					1.0	1.0	1.0	2.0
11 U06-333021R	1.5	1.0	1.0	1.5	1.0					1.0	1.0	1.0	2.0
12 U06-333321R	1.5	1.0	1.0	2.3	1.0					1.0	1.0	1.0	2.0
13 U07-236360R	1.0	1.0	1.0	1.3	2.0					1.0	1.0	1.0	2.0
14 U08-914024R	1.8	1.0	1.0	2.3	1.0					1.0	1.0	1.3	2.0
15 U08-915021R	1.8	1.0	1.0	1.8	1.0					1.0	1.0	1.0	2.0
16 U08-917024R	1.5	1.0	1.2	1.3	1.0					1.0	1.0	1.0	2.0
17 U08-924029R	1.5	1.0	1.0	1.5	1.0					1.0	1.0	1.0	2.0

2009 SCN UNIFORM III ROUNDUP READY

Height (incheight (inches)

SCN HG Type	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand			Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	Sandoval	Columbia	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	37	27	33	38	24		36			29	27	31	22
2 NEX2905A0R	39	27	30	40	18		33			19	24	29	17
3 AG3504	39	30	37	41	23		37			31	28	36	24
4 AG3803	40	24	39	41	20		36			31	26	34	23
5 LD06-14187R	40	26	37	43	15		39			33	25	35	23
6 LD06-15478R	38	25	34	40	19		35			27	27	34	21
7 SS05-5618	41	27	38	41	17		39			32	30	37	21
8 U04-330132	41	29	36	42	19		36			31	28	34	26
9 U05-826080R	36	26	33	40	18		33			32	26	33	25
10 U05-840045R	37	26	37	39	16		35			26	28	32	22
11 U06-333021R	36	27	33	37	18		33			28	25	31	22
12 U06-333321R	35	25	33	37	16		32			28	25	30	23
13 U07-236360R	29	20	28	33	18		27			22	24	27	17
14 U08-914024R	37	22	32	36	14		34			29	26	31	21
15 U08-915021R	38	25	33	40	15		35			29	25	31	26
16 U08-917024R	36	24	33	38	17		31			29	26	30	23
17 U08-924029R	38	27	34	41	17		33			33	27	31	26

Seed Quality (sl Quality (score)

SCN HG Type	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand			Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	Sandoval	Columbia	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	1.0	1.0	1.0	1.0	3.0					4.0		1.0	2.0
2 NEX2905A0R	1.0	2.0	1.0	1.0	3.0					4.0		2.0	3.0
3 AG3504	1.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0
4 AG3803	1.0	1.0	1.0	1.0	4.0					4.0		1.0	3.0
5 LD06-14187R	1.0	1.0	1.0	1.0	4.0					4.0		1.0	4.0
6 LD06-15478R	1.0	1.0	1.0	1.0	2.0					4.0		1.0	3.0
7 SS05-5618	1.0	2.0	1.0	2.0	3.0					4.0		2.0	3.0
8 U04-330132	1.0	1.0	1.0	1.0	2.0					4.0		1.0	3.0
9 U05-826080R	1.0	1.0	1.0	1.0	2.0					4.0		1.0	3.0
10 U05-840045R	1.0	1.0	1.0	1.0	4.0					4.0		1.0	4.0
11 U06-333021R	1.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0
12 U06-333321R	1.0	2.0	1.0	1.0	3.0					4.0		2.0	3.0
13 U07-236360R	1.0	2.0	1.0	1.0	4.0					4.0		2.0	4.0
14 U08-914024R	2.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0
15 U08-915021R	1.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0
16 U08-917024R	1.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0
17 U08-924029R	1.0	1.0	1.0	1.0	3.0					4.0		1.0	3.0

Seed Weight (g/100)

SCN HG Type	Arthur	Belleville	Harrisburg	Urbana2	Clarkton	Novelty	Herman	Lyons	Takamah	Grand			Portage-
	IL	IL	IL	IL	MO	MO	NE	NE	NE	Junction	Sandoval	Columbia	ville
	7	1.2.5.6.7	2.5.7	2.5.7	1.2.5.7	I	7	5.7	0	I	ns	NI	NI
Strain													
1 U03-827101	18.2	15.9	14.8	19.0	16.6			16.4	17.0	14.2		15.9	16.4
2 NEX2905A0R	13.7	11.4	11.2	13.9	9.8			13.5	14.4	12.9		11.4	13.7
3 AG3504	15.9	15.3	14.6	17.7	15.0			15.4	14.8	12.6		15.3	15.7
4 AG3803	17.6	14.5	15.4	18.2	14.1			15.7	15.8	13.7		14.5	15.7
5 LD06-14187R	14.0	13.7	13.4	14.9	14.9			14.4	14.2	13.2		13.7	15.5
6 LD06-15478R	15.8	13.6	14.4	17.2	14.7			15.5	15.6	14.0		13.6	14.8
7 SS05-5618	17.6	16.5	13.9	17.0	15.3			15.5	16.1	14.7		16.5	16.5
8 U04-330132	15.6	13.7	13.7	16.9	14.0			15.0	15.0	14.4		13.7	14.2
9 U05-826080R	17.2	13.9	14.0	18.1	13.9			16.2	17.0	13.5		13.9	16.9
10 U05-840045R	16.9	13.7	14.1	16.7	16.8			15.4	15.7	13.6		13.7	17.4
11 U06-333021R	16.0	13.5	14.0	16.1	15.0			15.6	14.8	13.3		13.5	14.4
12 U06-333321R	16.3	13.7	13.9	16.3	14.0			14.7	14.9	12.8		13.7	15.1
13 U07-236360R	18.4	14.5	14.3	17.7	16.1			16.5	16.8	14.6		14.5	18.0
14 U08-914024R	17.4	14.4	13.8	16.7	12.6			15.8	15.7	13.1		14.4	16.2
15 U08-915021R	15.6	13.5	12.3	16.5	14.6			15.3	15.9	13.2		13.5	15.5
16 U08-917024R	16.6	13.5	12.6	16.9	14.2			14.2	15.1	13.6		13.5	15.6
17 U08-924029R	15.5	13.9	14.3	18.2	13.7			15.1	15.9	13.8		13.9	15.2

