2009 SCN PRELIMINARY IIIA

	Strain	FPhlm	Parentage	Gen. Comp.	Traits
1	**IA3023**	WLtbl	Dairyland DSR-365 x Pioneer P9381	F5	
2	**IA3024**	PGibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
3	**IA4004**	PLty	Dairyland 99433 x A01-409003	F4	
4	**U98-311442 (SCN)**	PGibl	A94-773014 x Bell	F5	
5	**AR06-365038**	PGibl	Golden Harvest H-2285 x Syngenta S18-N5	F4	
6	**AR08-285007**	PlTbr	Syngenta WW228348 x AR02-101001	F3	
7	**AR08-285033**	PTbl	SoyGenetics 96-23036 x A95-684043	F4	
8	**AR08-285043**	PTbr	Garst-Agripro 97177-N00-22972 x IA2039BC	F3	
9	**AR08-285046**	PGbl/gr	Garst-Agripro 97199-A00-10391 x A95-684043	F4	
10	**AR08-285047**	PTbr	Garst-Agripro 97177-N00-22972 x A95-684043	F3	
11	**AR08-285048**	PTbl	Garst-Agripro 97177-N00-22972 x A95-684043	F3	
12	**AR08-285052**	PGibl	Garst-Agripro XC16P53 x LS94-3207	F3	
13	**AR08-285071**	PLtbl/br	AR03-163009 x Syngenta WW228348	F3	
14	**AR08-285084**	PMy	Syngenta WW228348 x AR03-361067	F3	
15	**AR08-385056**	WTbl	AR03-161013 x LS94-3207	F3	
16	**AR08-385067**	PTbl	AR03-163009 x Syngenta SJ031808	F3	
17	**AR08-385071**	PLtbl	AR03-163009 x Syngenta WW228348	F3	
18	**AR08-385074**	PGbf	Syngenta WW228348 x AR03-361067	F3	
19	**AR08-985019**	WTbl	IA3014 x Archer	BC4F2	Rps6&1-k
20	**CL06-418**	MTbl	na	F4	
21	**CL05-3226**	PLtbl	na	F4	Rps3a
22	**CL05-5125**	WLtbl	na	F4	Rps3a
23	**CL05-32415**	MGbl	na	F4	Rps3a
24	**CL05-32422**	MLtbl	na	F4	Rps3a
25	**CL05-51113**	WLtbl	na	F4	Rps3a
26	**CL05-461303**	WTbl	na	F4	Rps3a
27	**CL06-12123**	PGy	na	F4	Rps3a, 1k
28	**CL06-125211**	PGgr	na	F4	Rps3a, 1k
29	**CL06-125225**	PMbl	na	F4	Rps3a, 1k
30	**CL06-140125**	PGgr/bl	na	F4	
31	**CL06-140235**	MGbl	na	F4	
32	**LS06-1473**	PGibl	LNX97164-35 x LS93-0375	F5	

2009 SCN PRELIMINARY IIIA

	IL SCN screening				Purdue SCN screening		ISU IDC
	HG 0		HG 2.5.7		HG 0	HG 2.5.7	
Entry	FI	rating	FI	rating	rating	rating	score
1 IA3023	94	NR	65	NR	S	S	3.1
2 IA3024	65	NR	106	NR	MS	MS	2.8
3 IA4004	79	NR	*41*	*LR*	S	S	2.4
4 U98-311442 (SCN)	4	HR	*48*	*LR*	MR	S	3.1
5 AR06-365038	9	HR	67	NR	MS	MS	2.2
6 AR08-285007	6	HR	*84*	*NR*	MR	S	2.3
7 AR08-285033	5	HR	73	NR	MR	MR	2.3
8 AR08-285043	3	HR	72	NR	MR	S	2.0
9 AR08-285046	3	HR	89	NR	MS	MR	2.2
10 AR08-285047	5	HR	86	NR	MR	MS	2.0
11 AR08-285048	3	HR	73	NR	R	MS	1.9
12 AR08-285052	*43*	*LR*	17	R	R	MR	2.0
13 AR08-285071	10	R	78	NR	MS	MR	3.4
14 AR08-285084	9	HR	72	NR	R	MS	2.3
15 AR08-385056	1	HR	0	HR	R	MR	3.5
16 AR08-385067	14	R	*51*	**	MS	MR	2.9
17 AR08-385071	12	R	78	NR	R	S	2.3
18 AR08-385074	5	HR	89	NR	R	S	3.1
19 AR08-985019	12	R	62	NR	MR	S	3.0
20 CL06-418	13	R	79	NR	R	S	2.5
21 CL05-3226	86	NR	88	NR	MS	S	2.4
22 CL05-5125	60	NR	94	NR	S	S	2.7
23 CL05-32415	3	HR	*66*	*NR*	MS	MS	2.5
24 CL05-32422	56	LR	56	LR	MR	S	2.8
25 CL05-51113	81	NR	*74*	*NR*	MS	S	2.4
26 CL05-461303	3	HR	76	NR	MS	MR	2.9
27 CL06-12123	88	LR	65	NR	S	S	3.0
28 CL06-125211	*36*	**	78	NR	R	S	2.5
29 CL06-125225	15	R	88	NR	MR	MS	2.0
30 CL06-140125	*55*	*LR*	80	NR	S	S	2.9
31 CL06-140235	*35*	**	83	NR	MR	MS	2.8
32 LS06-1473	1	HR	*58*	*LR*	R	R	2.8

**Cyst counts too variable to rate.

Dwight (susc check)	2.7
A11 (rest check)	1.3

2009 SCN PRELIMINARY IIIA

Summary

	Yield							Seed			
	Infested		Non-infested		Maturity	Lodging	Height	quality	weight	protein	oil
Entry	bu/a	rank	bu/a	rank	date	score	in.	score	g/100	%	%
Location	10		1		10	8	8	7	8	6	6
1 IA3023	59.8	16	53.6	28	925	1.5	30	1.4	15.7	33.4	18.8
2 IA3024	58.1	24	46.5	32	-4	1.6	32	1.6	16.2	31.9	19.0
3 IA4004	60.8	9	60.2	15	2	2.1	32	1.7	17.1	34.3	18.0
4 U98-311442 (SCN)	60.2	13	62.2	11	5	1.6	32	1.6	15.2	34.4	17.9
5 AR06-365038	59.0	18	62.0	12	-1	1.6	32	1.4	16.5	33.5	18.2
6 AR08-285007	60.7	10	58.4	19	-4	1.8	30	1.4	15.1	34.7	18.3
7 AR08-285033	58.0	25	57.4	23	0	2.4	39	1.6	15.5	33.9	18.3
8 AR08-285043	61.9	7	61.5	13	-2	1.7	34	1.6	19.5	34.3	18.0
9 AR08-285046	62.6	4	59.8	17	-1	2.6	35	1.6	17.3	33.7	18.0
10 AR08-285047	57.5	27	50.8	30	1	2.5	39	1.4	18.3	34.5	18.2
11 AR08-285048	62.6	4	58.0	21	3	2.8	35	1.4	18.2	33.6	17.8
12 AR08-285052	58.2	23	58.3	20	4	2.8	41	1.9	15.3	31.7	18.2
13 AR08-285071	53.7	30	54.1	26	1	3.2	41	1.4	16.6	34.8	17.4
14 AR08-285084	60.6	11	59.9	16	1	2.2	34	1.4	15.2	34.3	17.4
15 AR08-385056	52.4	31	52.8	29	4	1.9	27	1.3	12.5	32.4	17.0
16 AR08-385067	56.0	29	66.8	6	5	2.0	37	1.4	17.1	33.0	18.3
17 AR08-385071	51.8	32	55.5	25	-1	2.2	36	1.6	16.5	34.9	17.6
18 AR08-385074	59.4	17	58.7	18	1	2.1	32	1.4	13.7	33.8	18.1
19 AR08-985019	60.1	14	67.4	5	3	2.1	36	1.6	15.8	33.1	18.2
20 CL06-418	61.6	8	63.5	10	2	1.1	29	1.4	17.4	34.7	18.1
21 CL05-3226	58.6	20	67.8	4	4	1.3	30	1.4	16.8	34.2	18.0
22 CL05-5125	63.4	3	57.6	22	4	1.3	31	1.6	18.1	33.8	18.5
23 CL05-32415	65.0	1	72.1	1	2	1.6	34	1.4	16.3	33.0	18.1
24 CL05-32422	62.3	6	65.7	7	3	1.3	33	1.4	16.7	33.4	18.2
25 CL05-51113	63.6	2	68.3	3	5	1.4	31	1.3	16.4	33.4	18.4
26 CL05-461303	58.8	19	61.2	14	4	1.1	31	1.6	16.6	34.6	17.7
27 CL06-12123	58.3	22	53.9	27	4	1.3	30	1.6	15.4	33.9	18.4
28 CL06-125211	57.2	28	48.1	31	3	1.6	29	1.9	19.7	34.3	17.8
29 CL06-125225	60.1	14	55.7	24	3	1.8	33	1.6	16.1	34.1	17.6
30 CL06-140125	58.6	20	65.2	9	3	1.5	31	1.6	18.0	34.3	17.9
31 CL06-140235	60.3	12	69.5	2	3	1.4	36	1.4	15.0	33.4	17.9
32 LS06-1473	58.0	25	65.6	8	2	1.4	31	1.7	14.5	33.7	18.1

2009 SCN PRELIMINARY IIIA

Yield (bu/a)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	38.3	66.7	56.7	68.2	50.7	48.1	61.1	73.7	63.4	70.8	53.6
2 IA3024	40.4	68.0	48.8	60.4	55.4	50.4	56.5	73.9	61.6	65.5	46.5
3 IA4004	43.9	71.3	52.6	67.0	61.0	56.1	61.1	73.3	57.7	63.9	60.2
4 U98-311442 (SCN)	61.0	70.7	53.1	62.2	60.0	47.7	55.8	62.7	63.6	65.6	62.2
5 AR06-365038	58.4	73.3	45.2	57.1	53.8	45.1	58.4	61.0	70.1	68.0	62.0
6 AR08-285007	57.0	71.4	54.1	53.7	58.3	50.9	65.5	72.2	61.4	62.5	58.4
7 AR08-285033	58.7	69.8	51.6	51.2	60.7	43.0	57.5	65.1	58.3	64.5	57.4
8 AR08-285043	56.1	73.0	56.5	61.4	58.0	51.6	64.4	75.2	63.8	58.7	61.5
9 AR08-285046	61.3	70.9	50.1	65.1	53.3	53.1	70.8	70.3	61.4	69.5	59.8
10 AR08-285047	59.0	72.3	49.6	53.5	63.8	42.4	55.6	59.8	62.3	57.1	50.8
11 AR08-285048	57.8	72.0	56.9	57.8	61.8	54.6	63.3	82.6	57.6	61.6	58.0
12 AR08-285052	55.8	66.4	53.5	52.7	62.6	43.4	57.3	65.3	63.8	61.6	58.3
13 AR08-285071	54.2	62.6	47.3	46.1	54.4	42.6	55.3	66.6	57.0	50.4	54.1
14 AR08-285084	59.8	66.9	51.5	60.4	60.2	45.2	60.5	70.4	61.7	69.7	59.9
15 AR08-385056	58.4	57.9	47.9	59.0	53.3	36.0	38.7	53.2	60.3	58.9	52.8
16 AR08-385067	56.1	68.3	47.7	55.6	48.0	49.0	54.3	58.7	59.5	62.9	66.8
17 AR08-385071	51.8	56.1	42.0	47.0	48.8	41.1	55.5	56.9	56.3	62.7	55.5
18 AR08-385074	59.2	70.2	50.0	59.0	57.2	43.7	59.9	65.3	67.6	62.1	58.7
19 AR08-985019	55.4	70.5	55.3	62.2	61.8	48.0	59.5	66.4	62.7	59.0	67.4
20 CL06-418	59.5	76.7	37.3	61.6	56.4	51.0	66.5	73.1	67.9	65.7	63.5
21 CL05-3226	41.8	78.2	44.6	71.5	57.3	43.7	55.7	67.0	58.1	68.2	67.8
22 CL05-5125	53.4	79.6	53.0	70.5	55.0	48.6	62.9	68.4	67.8	74.7	57.6
23 CL05-32415	64.2	70.1	49.2	73.9	64.3	54.7	68.1	69.6	66.0	70.1	72.1
24 CL05-32422	51.5	76.9	48.9	68.3	66.8	48.1	62.3	68.6	58.2	73.4	65.7
25 CL05-51113	50.7	84.2	50.7	70.5	66.5	48.7	60.3	69.4	64.4	70.3	68.3
26 CL05-461303	59.7	69.3	42.6	69.4	60.6	44.6	58.3	63.1	58.8	61.3	61.2
27 CL06-12123	46.6	78.1	44.3	60.1	55.1	44.9	56.0	64.1	64.8	68.6	53.9
28 CL06-125211	52.4	74.4	46.2	67.4	53.4	38.6	56.6	64.5	61.0	57.9	48.1
29 CL06-125225	58.9	67.6	43.9	66.4	58.2	42.8	70.9	58.7	71.7	61.9	55.7
30 CL06-140125	49.7	77.2	48.9	65.3	54.7	44.2	60.6	64.5	53.8	67.0	65.2
31 CL06-140235	53.0	72.2	52.7	66.2	53.8	55.0	58.6	66.7	61.0	63.9	69.5
32 LS06-1473	60.8	70.0	37.1	62.3	47.9	45.8	62.0	67.2	60.5	66.0	65.6
Average	54.5	71.0	49.0	61.6	57.3	46.9	59.7	66.8	62.3	64.6	59.9
LSD(.05)	6.6	10.9	10.9	7.9	10.4	6.5	11.3	12.5	6.2	6.4	6.7
C.V. %	5.9	7.6	10.6	6.2	8.9	8.1	7.5	7.5	4.9	4.9	6.9
Replications	2	2	2	2	2	3	2	2	2	2	2
Row spacing (in.)	30	30	30	30	30	30	30	30	30	30	30

2009 SCN PRELIMINARY IIIA

Yield (rank)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	32	28	2	7	29	13	11	4	12	3	28
2 IA3024	31	25	20	19	19	9	24	3	16	15	32
3 IA4004	29	15	10	9	8	1	12	5	28	17	15
4 U98-311442 (SCN)	3	17	7	16	12	16	26	26	11	14	11
5 AR06-365038	12	9	25	25	24	19	19	27	2	10	12
6 AR08-285007	15	14	5	27	13	8	5	7	17	21	19
7 AR08-285033	11	22	11	30	9	26	21	21	25	16	23
8 AR08-285043	16	10	3	18	15	6	6	2	9	29	13
9 AR08-285046	2	16	14	13	27	5	2	9	17	7	17
10 AR08-285047	9	11	16	28	4	29	28	28	14	31	30
11 AR08-285048	14	13	1	24	6	4	7	1	29	24	21
12 AR08-285052	18	29	6	29	5	25	22	19	9	24	20
13 AR08-285071	20	30	23	32	23	28	30	17	30	32	26
14 AR08-285084	5	27	12	19	11	18	14	8	15	6	16
15 AR08-385056	12	31	21	22	28	32	32	32	22	28	29
16 AR08-385067	16	24	22	26	31	10	31	29	23	19	6
17 AR08-385071	24	32	30	31	30	30	29	31	31	20	25
18 AR08-385074	8	19	15	22	17	23	16	20	5	22	18
19 AR08-985019	19	18	4	15	6	15	17	18	13	27	5
20 CL06-418	7	7	31	17	18	7	4	6	3	13	10
21 CL05-3226	30	3	26	2	16	23	27	15	27	9	4
22 CL05-5125	21	2	8	4	21	12	8	13	4	1	22
23 CL05-32415	1	20	17	1	3	3	3	10	6	5	1
24 CL05-32422	25	6	18	6	1	13	9	12	26	2	7
25 CL05-51113	26	1	13	3	2	11	15	11	8	4	3
26 CL05-461303	6	23	29	5	10	21	20	25	24	26	14
27 CL06-12123	28	4	27	21	20	20	25	24	7	8	27
28 CL06-125211	23	8	24	8	26	31	23	22	19	30	31
29 CL06-125225	10	26	28	10	14	27	1	30	1	23	24
30 CL06-140125	27	5	19	12	22	22	13	23	32	11	9
31 CL06-140235	22	12	9	11	24	2	18	16	19	17	2
32 LS06-1473	4	21	32	14	32	17	10	14	21	12	8

2009 SCN PRELIMINARY IIIA

Maturity

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	9/22	9/17	10/14	9/19	9/17		10/5	10/5	9/21	9/25	9/17
2 IA3024	-4	-3	-9	-5	-2		-6	-3	-1	-6	-2
3 IA4004	3	2	0	1	6		0	1	5	1	4
4 U98-311442 (SCN)	7	5	-2	2	11		3	3	7	4	6
5 AR06-365038	0	2	-3	-3	3		-2	-2	2	-6	1
6 AR08-285007	-6	-3	-7	-5	-1		-4	-3	-4	-6	-1
7 AR08-285033	0	2	-3	-3	6		1	0	1	-2	2
8 AR08-285043	-3	0	-5	-3	3		-5	-3	0	-4	1
9 AR08-285046	-1	0	-5	-4	2		0	0	0	-2	2
10 AR08-285047	0	4	-6	-3	7		2	1	1	-2	3
11 AR08-285048	3	5	2	-1	8		3	3	4	0	4
12 AR08-285052	2	10	3	2	14		6	3	2	-11	5
13 AR08-285071	1	3	-5	-2	6		3	2	4	-5	3
14 AR08-285084	1	4	-5	-1	7		0	1	3	-2	1
15 AR08-385056	2	6	4	1	12		8	5	3	-1	4
16 AR08-385067	5	6	1	6	6		3	2	8	5	6
17 AR08-385071	-4	-2	-6	-3	2		0	1	1	-4	1
18 AR08-385074	2	4	-4	-2	6		3	2	3	-4	3
19 AR08-985019	3	4	4	5	7		2	2	2	-1	6
20 CL06-418	2	1	1	3	4		1	1	5	3	4
21 CL05-3226	4	3	8	6	5		0	3	4	2	4
22 CL05-5125	5	3	8	5	6		2	3	4	1	4
23 CL05-32415	4	3	1	3	5		1	2	3	-3	3
24 CL05-32422	4	2	4	5	8		0	2	5	1	3
25 CL05-51113	4	7	5	7	9		3	2	5	3	4
26 CL05-461303	5	3	4	4	6		1	1	8	1	5
27 CL06-12123	2	3	4	6	9		1	3	8	4	5
28 CL06-125211	2	4	1	7	5		3	3	4	1	5
29 CL06-125225	2	3	1	5	7		1	1	6	1	5
30 CL06-140125	4	3	4	5	7		2	2	1	1	4
31 CL06-140235	5	4	6	3	6		1	2	3	-1	4
32 LS06-1473	1	3	3	2	3		2	1	0	3	3
Planted	5/4	5/22	6/29	5/30	5/23	6/19	6/1	5/29	5/28	5/21	5/21

2009 SCN PRELIMINARY IIIA

Lodging (score)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	2.0	1.8	1.0	1.3	1.0				1.5	1.5	1.5
2 IA3024	2.0	2.3	1.0	1.3	1.0				2.0	2.0	1.0
3 IA4004	2.0	2.5	1.3	2.5	1.8				2.0	2.5	2.5
4 U98-311442 (SCN)	2.0	2.0	1.0	2.0	1.5				1.0	1.5	2.0
5 AR06-365038	2.3	1.3	1.0	1.0	1.3				1.5	2.5	2.0
6 AR08-285007	2.3	2.5	1.0	1.0	1.3				1.5	2.0	2.5
7 AR08-285033	2.0	3.0	1.5	2.5	3.0				2.0	2.0	3.0
8 AR08-285043	2.0	2.8	1.0	1.0	2.0				1.0	2.0	1.5
9 AR08-285046	2.0	3.8	1.0	3.0	1.8				2.5	3.0	3.5
10 AR08-285047	2.5	3.5	1.0	3.0	3.0				2.0	3.0	2.0
11 AR08-285048	2.3	3.8	1.8	3.0	3.0				3.0	3.0	2.5
12 AR08-285052	2.0	2.8	1.0	3.5	2.8				2.5	3.5	4.0
13 AR08-285071	2.8	4.0	1.8	3.5	3.3				2.5	3.5	4.0
14 AR08-285084	1.8	3.0	1.0	2.5	2.5				1.0	2.5	3.0
15 AR08-385056	2.0	2.5	1.5	1.5	1.8				2.0	2.0	2.0
16 AR08-385067	2.0	2.3	1.0	2.0	1.5				2.0	2.0	3.0
17 AR08-385071	2.3	2.5	1.0	2.0	2.0				2.0	2.5	3.5
18 AR08-385074	2.0	2.8	1.0	2.3	1.5				2.0	2.5	2.5
19 AR08-985019	2.0	2.3	1.3	2.5	1.5				2.0	2.0	3.0
20 CL06-418	1.5	1.0	1.0	1.0	1.0				1.0	1.0	1.0
21 CL05-3226	1.5	1.5	1.0	1.0	1.0				1.5	1.5	1.0
22 CL05-5125	1.8	1.8	1.0	1.0	1.0				1.5	1.5	1.0
23 CL05-32415	2.0	1.5	1.0	2.0	1.3				2.0	1.0	2.0
24 CL05-32422	1.5	1.3	1.0	1.3	1.0				1.0	1.0	2.0
25 CL05-51113	1.5	1.8	1.0	1.0	1.0				1.0	2.0	2.0
26 CL05-461303	1.5	1.3	1.0	1.0	1.0				1.0	1.0	1.0
27 CL06-12123	2.0	1.0	1.0	1.0	1.0				1.0	1.5	2.0
28 CL06-125211	2.3	1.8	1.0	1.0	1.3				2.0	1.5	2.0
29 CL06-125225	2.0	2.5	1.3	1.8	1.0				1.5	2.0	2.5
30 CL06-140125	1.8	2.0	1.0	1.5	1.0				1.0	1.5	2.0
31 CL06-140235	1.5	2.0	1.0	2.0	1.0				1.0	1.5	1.5
32 LS06-1473	2.0	1.8	1.0	1.0	1.0				1.0	2.0	1.5

2009 SCN PRELIMINARY IIIA

Height (inches)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	28	31	24	33	27				35	36	29
2 IA3024	25	38	26	29	33				39	36	28
3 IA4004	27	36	26	34	30				40	39	28
4 U98-311442 (SCN)	33	36	25	34	31				36	32	29
5 AR06-365038	30	36	23	34	28				37	37	32
6 AR08-285007	28	32	25	29	29				34	33	29
7 AR08-285033	38	44	30	38	38				43	43	35
8 AR08-285043	32	37	28	36	35				38	35	31
9 AR08-285046	33	40	26	35	33				45	37	34
10 AR08-285047	38	42	30	44	41				48	40	32
11 AR08-285048	33	41	32	35	35				38	35	33
12 AR08-285052	38	47	32	39	42				50	45	36
13 AR08-285071	37	42	30	40	43				50	45	37
14 AR08-285084	33	35	25	36	35				37	43	32
15 AR08-385056	22	29	25	24	32				32	32	21
16 AR08-385067	35	39	29	36	35				43	44	36
17 AR08-385071	33	39	27	35	39				44	38	36
18 AR08-385074	31	35	23	32	33				37	34	30
19 AR08-985019	35	39	30	35	36				40	37	33
20 CL06-418	30	35	23	29	30				30	31	27
21 CL05-3226	26	35	22	32	29				31	35	30
22 CL05-5125	29	35	26	31	29				34	34	29
23 CL05-32415	34	36	27	36	34				37	36	30
24 CL05-32422	30	36	24	33	34				35	40	31
25 CL05-51113	30	35	24	33	31				32	36	30
26 CL05-461303	30	34	23	32	31				38	35	29
27 CL06-12123	28	34	21	31	29				36	35	28
28 CL06-125211	27	34	22	33	28				33	29	26
29 CL06-125225	31	37	26	34	31				39	36	29
30 CL06-140125	28	36	23	33	27				37	37	28
31 CL06-140235	33	38	28	38	33				40	43	33
32 LS06-1473	32	35	23	34	28				32	35	28

2009 SCN PRELIMINARY IIIA

Seed Quality (score)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	2.0	1.0		1.0	1.0				2.0	2.0	1.0
2 IA3024	2.0	1.0		1.0	1.0				2.0	3.0	1.0
3 IA4004	2.0	2.0		1.0	1.0				2.0	3.0	1.0
4 U98-311442 (SCN)	2.0	1.0		1.0	1.0				2.0	3.0	1.0
5 AR06-365038	2.0	1.0		1.0	1.0				2.0	2.0	1.0
6 AR08-285007	2.0	1.0		1.0	1.0				2.0	2.0	1.0
7 AR08-285033	1.0	2.0		1.0	2.0				2.0	2.0	1.0
8 AR08-285043	2.0	2.0		1.0	1.0				2.0	2.0	1.0
9 AR08-285046	3.0	1.0		1.0	1.0				2.0	2.0	1.0
10 AR08-285047	2.0	1.0		1.0	1.0				2.0	2.0	1.0
11 AR08-285048	2.0	1.0		1.0	1.0				2.0	2.0	1.0
12 AR08-285052	2.0	2.0		1.0	2.0				3.0	2.0	1.0
13 AR08-285071	2.0	1.0		1.0	1.0				2.0	2.0	1.0
14 AR08-285084	2.0	1.0		1.0	1.0				2.0	2.0	1.0
15 AR08-385056	1.0	1.0		1.0	1.0				2.0	2.0	1.0
16 AR08-385067	2.0	1.0		1.0	1.0				2.0	2.0	1.0
17 AR08-385071	2.0	2.0		1.0	1.0				2.0	2.0	1.0
18 AR08-385074	2.0	1.0		1.0	1.0				2.0	2.0	1.0
19 AR08-985019	2.0	1.0		1.0	1.0				2.0	2.0	2.0
20 CL06-418	2.0	1.0		1.0	1.0				2.0	2.0	1.0
21 CL05-3226	2.0	1.0		1.0	1.0				2.0	2.0	1.0
22 CL05-5125	2.0	1.0		1.0	1.0				2.0	3.0	1.0
23 CL05-32415	2.0	1.0		1.0	1.0				2.0	2.0	1.0
24 CL05-32422	2.0	1.0		1.0	1.0				2.0	2.0	1.0
25 CL05-51113	1.0	1.0		1.0	1.0				2.0	2.0	1.0
26 CL05-461303	2.0	1.0		1.0	1.0				2.0	3.0	1.0
27 CL06-12123	1.0	1.0		1.0	1.0				3.0	3.0	1.0
28 CL06-125211	2.0	1.0		1.0	1.0				3.0	3.0	2.0
29 CL06-125225	2.0	1.0		1.0	1.0				2.0	3.0	1.0
30 CL06-140125	2.0	1.0		1.0	1.0				2.0	3.0	1.0
31 CL06-140235	2.0	1.0		1.0	1.0				2.0	2.0	1.0
32 LS06-1473	3.0	1.0		1.0	1.0				2.0	3.0	1.0

2009 SCN PRELIMINARY IIIA

Seed Weight (g/100)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	15.8	17.3		15.2	14.1		15.9		17.1	15.8	14.7
2 IA3024	15.8	17.6		14.8	15.5		17.0		15.7	17.5	15.3
3 IA4004	16.7	17.8		15.3	16.4		17.0		18.3	19.3	16.4
4 U98-311442 (SCN)	15.2	16.1		13.2	14.7		16.1		16.1	15.2	14.9
5 AR06-365038	17.0	17.3		14.7	15.4		16.8		18.0	17.0	16.2
6 AR08-285007	15.3	16.3		12.6	14.5		16.3		15.0	15.1	15.9
7 AR08-285033	16.0	16.7		13.7	15.0		16.5		16.8	15.4	13.6
8 AR08-285043	20.2	22.7		17.7	19.2		20.2		19.4	18.3	18.6
9 AR08-285046	18.5	18.4		15.5	16.8		17.6		17.0	17.7	16.8
10 AR08-285047	19.5	19.2		16.2	17.8		18.6		18.8	19.2	17.2
11 AR08-285048	17.8	19.7		16.4	17.7		18.5		19.1	19.3	17.2
12 AR08-285052	15.0	15.1		13.7	15.6		16.2		16.6	15.9	14.2
13 AR08-285071	16.9	16.8		14.8	16.0		18.7		18.0	15.5	16.4
14 AR08-285084	15.7	14.7		14.4	15.2		16.0		15.1	15.8	14.5
15 AR08-385056	13.5	12.8		12.0	12.6		11.5		13.8	12.8	10.9
16 AR08-385067	18.0	17.3		15.4	16.6		18.1		18.5	17.2	16.0
17 AR08-385071	16.4	16.3		14.4	15.8		17.7		17.4	17.5	16.4
18 AR08-385074	14.1	14.0		12.0	13.1		14.7		14.6	14.6	12.8
19 AR08-985019	16.8	15.8		14.6	15.5		16.9		16.6	15.6	14.6
20 CL06-418	18.0	18.4		15.6	17.2		17.1		17.5	18.2	17.2
21 CL05-3226	16.8	18.5		15.6	16.2		18.7		16.7	16.1	15.8
22 CL05-5125	18.9	19.2		17.4	17.3		18.7		19.3	18.0	16.2
23 CL05-32415	16.4	16.6		15.2	15.2		17.8		18.2	16.4	14.7
24 CL05-32422	15.5	17.0		15.4	17.1		18.5		17.8	17.2	15.0
25 CL05-51113	15.3	18.8		15.4	16.0		17.4		16.7	17.3	14.7
26 CL05-461303	16.1	17.3		16.1	17.3		17.4		16.8	16.4	15.3
27 CL06-12123	14.7	17.3		13.8	14.7		16.1		15.8	15.6	15.3
28 CL06-125211	19.2	22.2		17.3	19.0		21.1		21.0	19.8	18.0
29 CL06-125225	16.3	17.5		14.5	16.4		16.4		16.9	15.7	15.2
30 CL06-140125	17.6	19.2		15.7	17.3		19.8		17.4	19.2	17.9
31 CL06-140235	15.0	15.5		14.2	14.1		16.8		15.4	15.6	13.8
32 LS06-1473	14.9	15.9		12.9	13.3		15.0		14.8	15.0	14.1

2009 SCN PRELIMINARY IIIA

Protein (%)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	33.4	31.8		34.7	31.1				34.1		35.1
2 IA3024	33.2	30.1		32.4	29.4				33.3		32.8
3 IA4004	35.7	32.4		34.6	32.2				35.4		35.3
4 U98-311442 (SCN)	35.0	32.9		33.6	33.3				35.5		35.8
5 AR06-365038	35.2	31.9		33.8	30.6				34.7		34.8
6 AR08-285007	36.0	32.4		35.7	31.6				36.4		36.2
7 AR08-285033	34.8	31.5		34.9	31.7				35.0		35.2
8 AR08-285043	35.7	32.7		35.6	31.2				35.7		35.2
9 AR08-285046	35.2	32.4		34.5	31.4				34.4		34.5
10 AR08-285047	35.4	32.2		35.0	33.3				35.9		35.4
11 AR08-285048	34.5	31.3		34.4	31.4				35.0		35.0
12 AR08-285052	32.7	29.7		32.2	29.2				33.8		32.8
13 AR08-285071	36.1	32.5		35.3	32.1				36.5		36.4
14 AR08-285084	35.3	31.8		35.4	32.4				35.8		35.4
15 AR08-385056	33.1	29.3		34.1	30.9				33.7		33.3
16 AR08-385067	34.3	30.9		33.5	29.8				35.5		34.2
17 AR08-385071	36.6	31.3		35.3	33.5				36.9		36.0
18 AR08-385074	35.6	31.5		34.7	30.4				35.9		34.5
19 AR08-985019	34.2	31.0		33.9	30.6				35.2		34.0
20 CL06-418	36.2	34.3		34.5	32.7				35.3		35.4
21 CL05-3226	35.5	32.5		34.0	32.6				35.0		35.5
22 CL05-5125	35.2	30.5		34.0	33.8				35.2		34.1
23 CL05-32415	33.9	30.5		33.4	31.2				34.6		34.2
24 CL05-32422	34.0	31.6		33.5	31.7				35.1		34.7
25 CL05-51113	33.6	31.3		32.4	33.5				35.5		34.0
26 CL05-461303	35.8	33.3		35.2	33.1				35.2		35.0
27 CL06-12123	35.1	32.0		33.5	32.4				35.4		35.4
28 CL06-125211	35.5	33.0		34.2	33.1				35.0		35.0
29 CL06-125225	35.0	33.0		34.9	31.9				34.9		35.2
30 CL06-140125	35.5	33.0		34.8	31.8				36.0		35.0
31 CL06-140235	34.4	31.7		35.0	29.7				35.3		34.4
32 LS06-1473	35.2	33.0		33.7	29.8				35.3		35.2

2009 SCN PRELIMINARY IIIA

Oil (%)

	Muscatine	Arthur	Belleville	Harrisburg	Urbana	Novelty	Lyons	Takamah	Ashland	Manhattan	Columbia
	IA	IL	IL	IL	IL	MO	NE	NE	KS	KS	MO
SCN HG Type	2.7	7	1.2.5.6.7	2.5.7	2.5.7	I	5.7	7	I	2.5.7	NI
Strain											
1 IA3023	18.3	18.9		18.6	18.7				19.5		18.8
2 IA3024	17.8	19.5		19.2	18.9				19.3		19.1
3 IA4004	17.7	18.1		18.8	17.9				18.0		17.6
4 U98-311442 (SCN)	17.3	18.6		19.0	17.3				18.1		17.3
5 AR06-365038	17.4	18.0		18.8	18.8				18.3		17.8
6 AR08-285007	17.3	18.1		18.6	19.0				19.0		18.1
7 AR08-285033	17.8	18.1		18.6	18.4				18.5		18.2
8 AR08-285043	17.2	17.7		18.2	18.7				18.3		18.0
9 AR08-285046	17.3	18.1		17.7	19.0				17.9		17.8
10 AR08-285047	17.2	18.5		18.2	18.6				18.4		18.3
11 AR08-285048	17.4	18.0		18.7	17.6				17.5		17.9
12 AR08-285052	17.7	18.1		19.1	18.2				18.1		17.8
13 AR08-285071	17.3	17.5		17.8	18.2				16.9		16.7
14 AR08-285084	16.8	17.5		17.6	17.5				17.8		16.9
15 AR08-385056	16.6	17.3		16.8	16.8				18.1		16.6
16 AR08-385067	17.3	18.9		19.0	19.4				17.4		17.7
17 AR08-385071	16.7	18.0		17.8	18.4				17.6		17.1
18 AR08-385074	17.6	18.4		18.2	19.0				18.3		17.2
19 AR08-985019	17.9	18.3		19.0	18.6				18.1		17.2
20 CL06-418	17.7	18.8		18.3	18.2				18.2		17.7
21 CL05-3226	17.5	18.2		18.2	18.7				17.8		17.6
22 CL05-5125	18.4	18.6		18.8	18.9				18.1		18.0
23 CL05-32415	18.0	18.5		18.2	18.1				18.0		17.6
24 CL05-32422	18.3	18.6		18.6	18.2				17.8		17.6
25 CL05-51113	18.3	18.4		18.4	18.7				18.8		17.6
26 CL05-461303	17.1	17.6		18.1	18.2				18.1		17.0
27 CL06-12123	18.2	18.5		19.4	18.4				17.8		18.0
28 CL06-125211	17.4	17.7		17.8	18.7				17.7		17.8
29 CL06-125225	17.6	17.7		17.3	18.2				17.6		17.3
30 CL06-140125	17.5	18.0		18.5	18.5				17.2		17.7
31 CL06-140235	17.8	18.1		18.3	18.4				18.0		17.1
32 LS06-1473	17.6	17.8		18.8	19.2				17.8		17.5