2012 SCN PRELIM TEST III

	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	**IA3048**	WGy	Dairyland 99540 x IA2068	F4	
4	**IA4005**	WLtbl+bf	IA3023 x IA3025	F4	1% linolenic
5	**AR10-305050**	WT+Gbl+bf	Golden Harvest H-2285 x SS02-12014	F5	PI 438489B SCN Res
6	**AR11-213002**	PGibl	AR05-250118 x PI 438489B	F6	PI 438489B / PI 88788 SCN Res
7	**AR11-213003**	PGibl	AR05-250118 x PI 438489B	F6	PI 438489B / PI 88788 SCN Res
8	**AR11-213015**	PTgr	AR06-365063 x AR05-150119	F5	
9	**AR11-213017**	PT+Gbl+bf	AR06-365063 x AR05-150119	F5	
10	**AR11-313002**	PGibl	AR05-250118 x PI 438489B	F6	PI 438489B / PI 88788 SCN Res
11	**AR11-313007**	PT+Gbl+ibl	AR05-150070 x AR06-365039	F5	
12	**AR11-313013**	WGbf	AR05-150034 x AR03-261024	F5	
13	**AR11-313025**	PTbl	AR06-165086 x AR1	F5	
14	**AR11-313038**	PT+Gbl+ibl	SS02-12014 x AR05-150100	F5	PI 438489B SCN Res
15	**AR11-313041**	PGibl	SS02-12014 x AR05-150100	F5	PI 438489B SCN Res
16	**AR11-313048**	PLtbl	SS02-12014 x AR05-150071	F5	PI 438489B / PI 88788 SCN Res
17	**AR11-313063**	WLtbl	AR05-150073 x SS02-11958	F5	PI 438489B / PI 88788 SCN Res
18	**AR11-313071**	WT+Gbl+bf	AR05-150071 x SS02-11958	F5	PI 438489B / PI 88788 SCN Res
19	**E10173**	WGy	U01-390489 x LD01-5907	F5	
20	**E10174**	WGy+bf	U01-390489 x LD01-5907	F5	
21	**K10-8556**	PLtbl	IA3023 x LD00-3309	F4	
22	**LD08- 923**	WGy	LD02-6538 x LD03-7610	F5	
23	**LD09- 3645**	WTbl	Syngenta 02JR318004 x LD02-6538	F5	
24	**LD09- 3913**	WLtbl	Syngenta 02JR318004 x LD03-7610	F5	
25	**LD09- 6277**	WTbl	U02-242055 x LD02-4485	F5	
26	**LD09- 9396**	PGibl	LD03-6566 x LD04-12754	F5	
27	**LD09- 9476**	PGibl	LD03-6566 x LD04-12754	F5	
28	**LD09-10242**	PTbr	LD02-5025 x LD01-5907	F5	
29	**LD09-10717**	WGbf	LD00-2817 x LD02-4485	F5	
30	**LD09-10911**	PGbf	LD00-2817 x LD02-4485	F5	
31	**LD09-11732**	PGbf	LD02-4485 x LD04-12754	F5	
32	**LD09-11822**	PGbf	LD02-4485 x LD04-12754	F5	
33	**U09-214036**	P+WLtbl	U01-390489 x U03-200317	F4	SCN,Rps,Dt
34	**U09-216064**	WGy	U01-390489 x U03-200238	F4	SCN,Rps,Dt,Rps1K
35	**U09-230074**	PGibl	U03-200238 x U03-400435	F4	SCN, Rps1K
36	**U09-231074**	PTbl	U03-200238 x LD00-3309	F4	SCN,Rps1K
37	**U09-318136**	PLtbl	U03-300134 x LD00-3309	F4	SCN,Rps
38	**U09-318140**	PTbl	U03-300134 x LD00-3309	F4	SCN,Rps

2012 SCN PRELIM TEST III

Entry	IL SCN screening				ISU IDC	ISU IDC
	HG 0		HG 2.5.7		Dairy	Bruner
	FI	rating	FI	rating	score	score
1 IA3023	48	LR	67	NR	2.8	2.5
2 IA3024	58	LR	76	NR	3.0	2.8
3 IA3048	2	HR	59	LR	2.8	3.0
4 IA4005	78	NR	81	NR	3.0	1.8
5 AR10-305050	2	HR	68	NR	3.5	2.3
6 AR11-213002	11	R	72	NR	2.3	2.5
7 AR11-213003	7	HR	80	NR	1.8	1.8
8 AR11-213015	13	R	61	NR	2.0	2.0
9 AR11-213017	6	HR	74	NR	2.0	2.8
10 AR11-313002	7	HR	61	NR	2.3	2.0
11 AR11-313007	6	HR	68	NR	3.3	3.5
12 AR11-313013	8	HR	71	NR	3.3	2.8
13 AR11-313025	10	R	90	NR	2.0	2.3
14 AR11-313038	10	R	32	MR	2.5	2.0
15 AR11-313041	1	HR	67	NR	2.0	2.3
16 AR11-313048	3	HR	85	NR	2.3	2.8
17 AR11-313063	2	HR	57	LR	3.8	2.0
18 AR11-313071	5	HR	79	NR	3.3	2.0
19 E10173	3	HR	74	NR	1.8	2.0
20 E10174	6	HR	75	NR	3.3	3.0
21 K10-8556	7	HR	72	NR	3.3	3.5
22 LD08- 923	15	R	85	NR	2.8	1.3
23 LD09- 3645	6	HR	54	LR	3.5	3.0
24 LD09- 3913	9	HR	60	NR	3.5	3.5
25 LD09- 6277	*94*	*NR*	53	LR	2.3	2.0
26 LD09- 9396	23	R	67	NR	3.3	3.5
27 LD09- 9476	15	R	78	NR	2.0	2.5
28 LD09-10242	0	HR	44	LR	2.7	1.8
29 LD09-10717	57	LR	42	LR	3.8	3.5
30 LD09-10911	4	HR	74	NR	3.0	3.5
31 LD09-11732	14	R	47	LR	2.8	3.5
32 LD09-11822	16	R	64	NR	2.5	1.3
33 U09-214036	64	NR	68	NR	2.8	1.0
34 U09-216064	58	LR	82	NR	3.8	3.5
35 U09-230074	76	NR	86	NR	3.5	2.3
36 U09-231074	10	R	79	NR	3.3	3.8
37 U09-318136	98	NR	92	NR	2.8	2.5
38 U09-318140	63	NR	71	NR	3.5	3.5
	** rep data too variable to rate				1.2	1.0 A11 (res)
					2.8	1.7 Dwight (sus)
					1.0	1.3 LSD

2012 SCN PRELIM TEST III

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	@13%	@13%
	Locations	7		2		5	6	6	6	7	5	5
1	**IA3023**	49.8	23	36.7	15	9/18	1.5	35	1.7	14.5	32.1	19.6
2	**IA3024**	45.2	30	32.6	29	0	1.3	36	2.2	15.1	33.2	19.3
3	**IA3048**	54.3	5	37.3	13	2	1.6	37	2.7	14.9	34.1	18.8
4	**IA4005**	44.6	31	38.5	10	6	1.5	33	1.7	13.8	33.4	19.1
5	**AR10-305050**	49.8	23	32.7	28	3	1.6	37	2.5	14.5	35.8	18.3
6	**AR11-213002**	54.0	6	34.3	22	-2	1.5	34	2.3	15.0	34.5	18.6
7	**AR11-213003**	54.4	4	33.8	26	-2	1.5	35	2.2	14.4	31.7	18.9
8	**AR11-213015**	47.0	28	32.6	30	-1	2.0	38	2.7	16.5	33.0	20.1
9	**AR11-213017**	50.6	21	35.7	21	-1	1.9	36	3.0	14.8	31.9	20.0
10	**AR11-313002**	52.7	13	34.0	25	-1	1.5	36	2.3	14.9	34.0	18.7
11	**AR11-313007**	43.4	35	38.0	12	2	1.7	35	2.0	14.5	33.1	19.0
12	**AR11-313013**	50.3	22	38.9	9	5	2.1	42	2.3	15.5	33.9	18.7
13	**AR11-313025**	47.6	27	32.3	31	1	2.3	37	2.8	15.3	35.0	18.9
14	**AR11-313038**	51.0	20	39.0	7	1	1.7	38	2.3	15.7	33.0	19.6
15	**AR11-313041**	51.5	18	35.8	20	3	1.6	39	2.3	15.4	32.4	20.3
16	**AR11-313048**	49.6	25	36.5	17	3	1.4	32	2.3	14.4	33.5	19.4
17	**AR11-313063**	52.5	14	32.8	27	-3	2.0	29	2.7	14.4	33.9	19.8
18	**AR11-313071**	53.1	7	36.3	18	3	1.8	32	2.3	14.2	34.3	18.9
19	**E10173**	46.8	29	25.5	34	-6	1.4	31	3.3	15.4	34.2	18.6
20	**E10174**	47.9	26	36.1	19	-3	1.9	37	4.2	16.6	33.7	19.5
21	**K10-8556**	57.2	1	41.7	1	5	2.0	31	2.2	14.6	33.0	18.7
22	**LD08- 923**	53.1	7	39.6	5	1	1.8	34	2.3	14.6	32.2	19.1
23	**LD09- 3645**	56.5	2	36.6	16	2	1.6	35	2.3	14.6	33.1	20.5
24	**LD09- 3913**	53.1	7	40.0	2	4	1.4	34	2.2	14.1	32.5	19.4
25	**LD09- 6277**	51.1	19	38.2	11	0	1.9	37	3.3	15.5	34.3	18.5
26	**LD09- 9396**	52.8	12	39.7	4	6	1.6	35	2.3	15.6	34.1	19.2
27	**LD09- 9476**	51.6	17	39.2	6	4	1.8	35	2.5	15.3	33.6	19.0
28	**LD09-10242**	52.5	14	37.1	14	2	1.8	34	2.8	13.9	32.4	18.9
29	**LD09-10717**	51.7	16	39.8	3	3	1.5	32	2.3	14.0	33.2	19.2
30	**LD09-10911**	54.8	3	34.2	23	2	1.5	31	2.5	13.1	34.5	19.1
31	**LD09-11732**	52.9	10	34.2	24	1	1.3	32	3.0	14.6	32.3	19.7
32	**LD09-11822**	52.9	10	39.0	7	3	1.8	36	2.0	14.3	32.6	19.5
33	**U09-214036**	37.6	37	24.6	35	-5	1.6	37	3.5	11.9	33.9	19.6
34	**U09-216064**	36.7	38	24.0	37	-4	1.1	22	3.0	15.5	33.2	20.1
35	**U09-230074**	44.4	33	30.1	32	-3	1.6	33	2.8	15.2	33.1	19.6
36	**U09-231074**	42.0	36	24.2	36	-3	1.5	35	2.2	13.4	33.2	19.8
37	**U09-318136**	44.6	32	21.0	38	-4	1.5	31	3.0	11.5	33.2	20.1
38	**U09-318140**	43.5	34	27.1	33	-1	1.8	35	2.0	11.4	32.6	19.7

2012 SCN PRELIM TEST III

Yield (bu/a)

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa
	IA	IA	IL	KS	NE	NE	NE	IL	KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
Strain									
1 IA3023	47.3	51.0	33.7	73.5	45.8	40.9	56.8	53.1	20.3
2 IA3024	41.9	47.8	32.0	71.1	33.2	36.2	54.4	45.6	19.6
3 IA3048	50.6	65.5	40.1	71.6	55.1	41.5	55.9	51.2	23.3
4 IA4005	53.4	42.9	37.6	63.8	31.4	34.5	48.9	53.8	23.1
5 AR10-305050	48.8	56.5	35.0	61.0	49.2	39.8	58.3	46.1	19.2
6 AR11-213002	49.7	66.4	34.5	61.3	56.6	41.1	68.2	45.4	23.1
7 AR11-213003	51.9	62.9	31.9	65.3	58.1	41.7	68.8	46.9	20.7
8 AR11-213015	41.1	62.5	29.8	59.5	40.2	33.1	62.7	47.0	18.2
9 AR11-213017	47.6	67.9	36.5	70.2	51.7	33.5	46.8	49.6	21.8
10 AR11-313002	50.5	65.0	37.7	67.6	41.8	42.5	64.0	46.3	21.6
11 AR11-313007	47.3	46.6	34.2	56.6	44.7	36.5	37.9	52.5	23.5
12 AR11-313013	51.2	50.4	42.6	62.5	49.2	36.5	59.6	51.5	26.3
13 AR11-313025	43.5	51.8	36.1	61.8	49.3	32.5	58.5	42.9	21.6
14 AR11-313038	49.2	55.4	40.3	60.0	46.3	44.9	60.5	54.5	23.4
15 AR11-313041	50.5	53.2	42.4	59.1	48.8	44.3	62.0	48.1	23.4
16 AR11-313048	51.6	57.9	43.5	61.3	47.7	38.1	47.0	51.5	21.4
17 AR11-313063	50.9	67.9	31.6	64.3	53.2	41.2	58.6	46.0	19.5
18 AR11-313071	51.4	59.0	46.7	64.3	48.7	44.3	57.3	46.9	25.7
19 E10173	38.6	64.7	22.9	57.8	56.2	30.5	57.2	36.5	14.5
20 E10174	42.1	57.2	33.5	58.6	51.3	36.5	55.9	51.3	20.8
21 K10-8556	57.9	65.8	40.2	73.1	46.2	46.3	70.7	60.7	22.7
22 LD08- 923	53.3	63.8	41.4	72.6	53.6	42.5	44.5	55.6	23.6
23 LD09- 3645	51.3	57.9	43.3	70.2	59.9	46.9	66.3	51.6	21.5
24 LD09- 3913	52.1	60.9	36.8	72.9	46.7	46.2	56.4	57.0	23.0
25 LD09- 6277	48.7	67.6	33.6	65.0	51.5	31.8	59.8	51.2	25.2
26 LD09- 9396	52.0	65.0	37.9	63.1	48.9	44.1	58.5	56.7	22.6
27 LD09- 9476	52.9	59.6	40.2	61.7	43.8	42.7	60.4	58.4	19.9
28 LD09-10242	46.9	57.3	41.1	69.7	46.2	43.8	62.4	52.9	21.2
29 LD09-10717	53.3	64.2	40.8	62.8	47.0	41.5	52.5	53.7	25.8
30 LD09-10911	50.1	64.7	35.3	68.4	57.4	42.5	65.3	48.2	20.2
31 LD09-11732	51.7	68.7	39.5	77.7	24.4	44.2	64.0	43.7	24.6
32 LD09-11822	58.7	61.0	43.0	73.6	32.3	43.3	58.1	54.5	23.5
33 U09-214036	27.1	49.5	18.6	56.4	39.8	25.5	46.6	35.3	13.9
34 U09-216064	30.8	44.3	20.5	59.2	32.7	30.8	38.7	35.8	12.1
35 U09-230074	33.7	51.4	25.7	67.1	49.4	33.2	50.1	42.6	17.6
36 U09-231074	33.1	64.5	15.6	57.3	46.5	34.5	42.5	37.7	10.6
37 U09-318136	32.5	53.7	25.5	67.6	41.6	33.9	57.4	25.2	16.8
38 U09-318140	40.5	54.8	31.8	61.7	28.3	34.4	52.9	35.8	18.3
Average	47.0	58.6	35.1	65.0	46.2	38.9	56.5	48.0	20.9
LSD(.05)	6.7	8.3	5.9	4.3	26.2	7.3	13.8	12.7	3.5
C.V. %	7.0	7.0	8.4	3.9	22.9	7.6	9.9	13.1	8.2
Replications	2	2	2	2	2	2	2	2	2
Row width (in.)	30	30	30	30	30	30	30	30	30

2012 SCN PRELIM TEST III

Yield (rank)

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa
	IA	IA	IL	KS	NE	NE	NE	IL	KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
Strain									
1 IA3023	25	32	25	3	26	20	23	10	25
2 IA3024	30	35	28	8	33	26	27	28	28
3 IA3048	16	7	13	7	6	17	26	17	11
4 IA4005	3	38	17	20	36	27	31	8	13
5 AR10-305050	22	25	22	29	14	21	18	26	30
6 AR11-213002	20	5	23	28	4	19	3	29	12
7 AR11-213003	9	15	29	16	2	15	2	23	24
8 AR11-213015	31	16	32	31	31	33	8	22	32
9 AR11-213017	24	2	19	9	9	31	33	19	17
10 AR11-313002	17	9	16	14	29	12	7	25	18
11 AR11-313007	25	36	24	37	27	24	38	12	7
12 AR11-313013	14	33	5	23	15	25	14	14	1
13 AR11-313025	28	30	20	24	13	34	16	31	19
14 AR11-313038	21	26	10	30	23	4	11	6	9
15 AR11-313041	17	29	6	33	17	5	10	21	10
16 AR11-313048	11	21	2	27	19	22	32	14	21
17 AR11-313063	15	3	31	18	8	18	15	27	29
18 AR11-313071	12	20	1	19	18	6	21	23	3
19 E10173	33	10	35	35	5	37	22	34	35
20 E10174	29	24	27	34	11	23	25	16	23
21 K10-8556	2	6	11	4	24	2	1	1	15
22 LD08- 923	4	14	7	6	7	14	35	5	6
23 LD09- 3645	13	22	3	10	1	1	4	13	20
24 LD09- 3913	7	18	18	5	21	3	24	3	14
25 LD09- 6277	23	4	26	17	10	35	13	17	4
26 LD09- 9396	8	8	15	21	16	8	17	4	16
27 LD09- 9476	6	19	11	25	28	11	12	2	27
28 LD09-10242	27	23	8	11	25	9	9	11	22
29 LD09-10717	5	13	9	22	20	16	29	9	2
30 LD09-10911	19	11	21	12	3	13	5	20	26
31 LD09-11732	10	1	14	1	38	7	6	30	5
32 LD09-11822	1	17	4	2	35	10	19	6	8
33 U09-214036	38	34	37	38	32	38	34	37	36
34 U09-216064	37	37	36	32	34	36	37	35	37
35 U09-230074	34	31	33	15	12	32	30	32	33
36 U09-231074	35	12	38	36	22	28	36	33	38
37 U09-318136	36	28	34	13	30	30	20	38	34
38 U09-318140	32	27	30	26	37	29	28	35	31

2012 SCN PRELIM TEST III

Maturity

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa	
	IA	IA	IL	KS	NE	NE	NE	IL	KS	
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI	
Strain										
1 IA3023		9/18	9/15	9/26	9/17			9/15		
2 IA3024		-2	-3	0	3			1		
3 IA3048		5	1	1	0			5		
4 IA4005		5	3	7	*			11		
5 AR10-305050		7	1	1	1			7		
6 AR11-213002		0	-7	-1	-3			1		
7 AR11-213003		-1	-10	-1	-2			1		
8 AR11-213015		2	-8	-1	-1			2		
9 AR11-213017		1	-7	1	-3			2		
10 AR11-313002		1	-6	-1	-2			2		
11 AR11-313007		1	0	1	1			6		
12 AR11-313013		4	4	3	0			12		
13 AR11-313025		3	-1	1	0			3		
14 AR11-313038		1	2	0	-2			5		
15 AR11-313041		2	3	5	-2			5		
16 AR11-313048		4	3	3	1			6		
17 AR11-313063		2	-7	-4	-3			-4		
18 AR11-313071		7	3	1	1			5		
19 E10173		-1	-13	-6	-4			-5		
20 E10174		-3	-8	-1	-2			-1		
21 K10-8556		6	1	4	3			10		
22 LD08- 923		8	-5	1	0			3		
23 LD09- 3645		5	-1	3	2			4		
24 LD09- 3913		6	0	2	3			7		
25 LD09- 6277		3	-5	-2	1			2		
26 LD09- 9396		8	2	6	1			13		
27 LD09- 9476		4	1	3	1			11		
28 LD09-10242		3	2	3	-3			6		
29 LD09-10717		6	3	-1	0			9		
30 LD09-10911		6	0	-1	-1			4		
31 LD09-11732		4	1	-1	-2			3		
32 LD09-11822		7	2	0	-1			7		
33 U09-214036		-4	-14	-2	-1			-5		
34 U09-216064		-1	-14	-6	1			-2		
35 U09-230074		-6	-10	1	1			-3		
36 U09-231074		-2	-11	0	-1			-1		
37 U09-318136		-3	-9	-2	0			-4		
38 U09-318140		1	-5	-1	1			0		
Planted	5/10	5/08	5/09	5/16	5/22	5/23	5/23	5/15	5/29	5/29

2012 SCN PRELIM TEST III

Lodging (score)

Strain	Leighton IA 2.5.7	Muscatine IA 2	Arthur IL 2.5.7	Manhattan KS 2.7	Columbus NE I	Plattsmuth NE 0	Waterloo NE I	Urbana IL NI	Ottawa KS NI
1 IA3023	1.0	1.8	1.5	2.0				1.5	1.0
2 IA3024	1.0	1.5	1.5	2.0				1.0	1.0
3 IA3048	1.3	1.8	1.5	2.5				1.5	1.0
4 IA4005	1.0	1.8	1.5	2.5				1.3	1.0
5 AR10-305050	1.0	2.0	1.3	2.5				1.5	1.0
6 AR11-213002	1.0	2.0	1.5	2.0				1.5	1.0
7 AR11-213003	1.0	2.0	1.3	2.0				1.5	1.0
8 AR11-213015	1.5	1.8	2.3	3.0				2.0	1.5
9 AR11-213017	1.5	2.0	2.3	3.0				1.5	1.0
10 AR11-313002	1.0	2.0	1.5	2.0				1.5	1.0
11 AR11-313007	1.3	2.0	1.5	3.0				1.5	1.0
12 AR11-313013	2.0	2.0	1.8	3.5				1.8	1.5
13 AR11-313025	2.0	2.5	2.8	3.5				1.8	1.0
14 AR11-313038	1.5	2.0	1.5	3.0				1.3	1.0
15 AR11-313041	1.0	2.0	1.8	2.5				1.3	1.0
16 AR11-313048	1.0	1.5	1.5	2.0				1.3	1.0
17 AR11-313063	1.0	2.5	1.8	4.0				1.5	1.0
18 AR11-313071	1.3	2.3	1.8	3.0				1.5	1.0
19 E10173	1.0	1.5	1.5	2.0				1.3	1.0
20 E10174	1.0	2.0	2.0	3.0				2.5	1.0
21 K10-8556	1.3	2.5	1.5	4.0				1.5	1.0
22 LD08- 923	1.3	2.0	1.8	3.0				1.5	1.0
23 LD09- 3645	1.0	2.0	1.5	3.0				1.3	1.0
24 LD09- 3913	1.0	2.0	1.3	2.0				1.0	1.0
25 LD09- 6277	1.8	2.3	2.0	3.0				1.5	1.0
26 LD09- 9396	1.0	2.0	1.5	2.5				1.8	1.0
27 LD09- 9476	1.3	2.3	1.8	3.0				1.5	1.0
28 LD09-10242	1.0	2.0	1.8	3.0				1.8	1.0
29 LD09-10717	1.0	2.0	1.0	2.5				1.3	1.0
30 LD09-10911	1.0	1.8	1.3	2.5				1.3	1.0
31 LD09-11732	1.0	1.8	1.3	2.0				1.0	1.0
32 LD09-11822	1.3	2.3	1.8	2.5				2.0	1.0
33 U09-214036	1.0	1.5	1.5	3.0				1.8	1.0
34 U09-216064	1.0	1.0	1.3	1.0				1.0	1.0
35 U09-230074	1.0	2.0	1.5	3.0				1.3	1.0
36 U09-231074	1.0	1.8	1.3	2.5				1.5	1.0
37 U09-318136	1.0	1.5	1.8	2.5				1.0	1.0
38 U09-318140	1.5	2.0	1.5	3.0				1.5	1.0

2012 SCN PRELIM TEST III

Height (inches)

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa
	IA	IA	IL	KS	NE	NE	NE	IL	KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
Strain									
1 IA3023	29	43	34	45				34	26
2 IA3024	32	37	36	46				36	30
3 IA3048	32	41	37	48				35	29
4 IA4005	28	39	31	42				34	24
5 AR10-305050	31	44	36	48				36	28
6 AR11-213002	30	38	30	48				31	27
7 AR11-213003	31	43	32	47				32	27
8 AR11-213015	34	43	39	51				35	28
9 AR11-213017	29	45	33	49				35	27
10 AR11-313002	30	42	36	50				34	25
11 AR11-313007	31	41	34	46				33	26
12 AR11-313013	42	49	38	52				35	35
13 AR11-313025	31	45	35	52				34	28
14 AR11-313038	37	45	37	50				33	27
15 AR11-313041	35	50	35	51				36	29
16 AR11-313048	27	40	28	46				28	23
17 AR11-313063	24	40	28	41				26	18
18 AR11-313071	28	39	30	42				29	23
19 E10173	27	37	29	42				27	23
20 E10174	34	42	38	48				37	26
21 K10-8556	27	39	29	42				30	20
22 LD08- 923	28	41	32	48				34	24
23 LD09- 3645	30	44	32	45				34	24
24 LD09- 3913	29	41	32	44				32	28
25 LD09- 6277	35	44	35	49				33	28
26 LD09- 9396	32	44	31	45				34	25
27 LD09- 9476	32	46	30	45				30	25
28 LD09-10242	31	43	33	45				30	24
29 LD09-10717	28	45	29	40				29	23
30 LD09-10911	29	38	27	44				27	24
31 LD09-11732	27	42	30	44				26	21
32 LD09-11822	33	40	34	49				34	26
33 U09-214036	32	41	35	51				36	28
34 U09-216064	20	23	22	22				31	18
35 U09-230074	27	38	32	44				34	25
36 U09-231074	31	44	34	46				31	25
37 U09-318136	29	36	27	46				23	24
38 U09-318140	32	43	31	52				29	25

2012 SCN PRELIM TEST III

Seed Quality (score)

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa
	IA	IA	IL	KS	NE	NE	NE	IL	KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
Strain									
1 IA3023	2.0	1.0	2.0	3.0				1.0	1.0
2 IA3024	2.0	2.0	2.0	3.0				2.0	2.0
3 IA3048	3.0	3.0	3.0	3.0				2.0	2.0
4 IA4005	2.0	2.0	1.0	2.0				1.0	2.0
5 AR10-305050	2.0	3.0	2.0	4.0				1.0	3.0
6 AR11-213002	2.0	3.0	2.0	3.0				2.0	2.0
7 AR11-213003	3.0	1.0	2.0	3.0				2.0	2.0
8 AR11-213015	2.0	3.0	3.0	4.0				2.0	2.0
9 AR11-213017	3.0	3.0	3.0	3.0				2.0	4.0
10 AR11-313002	2.0	2.0	2.0	3.0				2.0	3.0
11 AR11-313007	2.0	2.0	2.0	3.0				1.0	2.0
12 AR11-313013	2.0	2.0	3.0	3.0				2.0	2.0
13 AR11-313025	2.0	3.0	3.0	4.0				2.0	3.0
14 AR11-313038	2.0	2.0	2.0	3.0				2.0	3.0
15 AR11-313041	2.0	3.0	2.0	3.0				1.0	3.0
16 AR11-313048	2.0	3.0	2.0	3.0				1.0	3.0
17 AR11-313063	2.0	3.0	3.0	3.0				2.0	3.0
18 AR11-313071	1.0	2.0	2.0	4.0				2.0	3.0
19 E10173	2.0	2.0	5.0	4.0				3.0	4.0
20 E10174	5.0	4.0	5.0	4.0				3.0	4.0
21 K10-8556	2.0	2.0	2.0	3.0				1.0	3.0
22 LD08- 923	2.0	2.0	2.0	3.0				2.0	3.0
23 LD09- 3645	2.0	3.0	2.0	3.0				2.0	2.0
24 LD09- 3913	3.0	1.0	3.0	2.0				2.0	2.0
25 LD09- 6277	4.0	2.0	4.0	3.0				3.0	4.0
26 LD09- 9396	2.0	1.0	2.0	3.0				2.0	4.0
27 LD09- 9476	2.0	2.0	2.0	3.0				2.0	4.0
28 LD09-10242	2.0	3.0	3.0	3.0				2.0	4.0
29 LD09-10717	2.0	1.0	3.0	3.0				1.0	4.0
30 LD09-10911	2.0	2.0	2.0	3.0				2.0	4.0
31 LD09-11732	2.0	2.0	3.0	4.1				3.0	4.0
32 LD09-11822	1.0	2.0	2.0	2.0				2.0	3.0
33 U09-214036	4.0	2.0	5.0	3.0				3.0	4.0
34 U09-216064	2.0	2.0	4.0	3.0				3.0	4.0
35 U09-230074	3.0	2.0	4.0	3.0				2.0	3.0
36 U09-231074	1.0	2.0	3.0	3.0				2.0	2.0
37 U09-318136	3.0	3.0	4.0	3.0				2.0	3.0
38 U09-318140	2.0	3.0	2.0	2.0				1.0	2.1

2012 SCN PRELIM TEST III

Seed Weight (g/100)

Strain	Leighton IA	Muscatine IA	Arthur IL	Manhattan KS	Columbus NE	Plattsmuth NE	Waterloo NE	Urbana IL	Ottawa KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
1 IA3023	16.1	12.4	10.5	16.2			14.2	18.1	14.0
2 IA3024	15.5	13.4	13.5	16.2			15.2	17.7	14.2
3 IA3048	17.6	15.0	12.0	14.8			14.4	15.9	14.8
4 IA4005	14.2	12.1	10.9	14.9			13.4	16.4	14.6
5 AR10-305050	15.7	15.2	11.6	15.5			13.7	16.9	13.2
6 AR11-213002	15.5	16.6	12.7	16.0			14.1	17.5	12.7
7 AR11-213003	14.6	14.5	12.7	15.3			14.4	16.8	12.2
8 AR11-213015	16.4	16.9	13.7	18.9			16.8	19.2	14.0
9 AR11-213017	16.2	15.4	11.9	15.3			14.1	16.6	14.0
10 AR11-313002	15.9	14.5	12.9	16.3			14.5	17.5	12.5
11 AR11-313007	15.2	12.4	12.7	14.7			13.9	17.8	15.1
12 AR11-313013	15.7	14.3	14.1	15.8			15.6	18.0	15.3
13 AR11-313025	16.1	14.1	12.2	16.7			15.6	19.0	13.7
14 AR11-313038	15.6	15.8	14.3	16.0			15.7	17.7	15.0
15 AR11-313041	15.4	14.3	14.8	17.1			15.1	16.9	14.2
16 AR11-313048	14.8	13.6	12.2	14.1			14.7	17.4	13.8
17 AR11-313063	16.3	15.4	11.0	15.7			14.8	16.3	11.4
18 AR11-313071	14.3	14.2	11.8	15.8			14.4	16.5	12.4
19 E10173	15.7	17.9	12.0	17.5			16.6	15.8	12.3
20 E10174	16.6	16.3	15.0	19.4			17.4	17.3	14.0
21 K10-8556	16.0	14.3	11.6	15.5			14.0	18.7	12.4
22 LD08- 923	15.6	14.8	11.3	15.0			14.0	17.8	13.4
23 LD09- 3645	14.1	14.9	13.0	15.6			15.1	17.0	12.7
24 LD09- 3913	14.9	13.0	10.9	14.7			14.5	17.6	12.9
25 LD09- 6277	16.2	17.0	11.9	15.8			15.9	17.7	14.0
26 LD09- 9396	16.9	13.7	12.8	14.9			14.4	20.2	16.4
27 LD09- 9476	16.2	13.4	13.2	15.5			14.5	18.7	15.5
28 LD09-10242	13.1	14.8	12.4	14.2			13.7	16.3	12.5
29 LD09-10717	15.8	13.4	12.0	13.7			13.0	16.6	13.4
30 LD09-10911	13.0	13.4	11.2	14.0			13.2	15.1	11.8
31 LD09-11732	16.6	14.0	10.5	15.3			14.4	17.5	14.0
32 LD09-11822	15.9	14.9	12.2	14.6			12.5	16.5	13.7
33 U09-214036	11.7	12.1	8.7	14.0			13.4	12.1	11.6
34 U09-216064	15.2	15.3	11.3	21.2			16.9	15.5	13.1
35 U09-230074	14.9	16.2	12.0	17.2			15.4	17.3	13.6
36 U09-231074	13.9	14.1	9.9	14.9			14.5	15.2	11.0
37 U09-318136	11.6	11.2	8.0	13.0			13.3	12.4	10.7
38 U09-318140	11.4	12.5	8.9	12.7			11.8	12.5	10.2

2012 SCN PRELIM TEST III

Protein (%)

Strain	Leighton IA 2.5.7	Muscatine IA 2	Arthur IL 2.5.7	Manhattan KS 2.7	Columbus NE I	Plattsmuth NE 0	Waterloo NE I	Urbana IL NI	Ottawa KS NI
1 IA3023	30.0		33.6	34.4			32.2	30.2	
2 IA3024	32.4		33.2	34.6			33.3	32.8	
3 IA3048	32.1		34.4	35.2			35.1	33.6	
4 IA4005	30.7		34.0	35.5			33.8	32.8	
5 AR10-305050	33.8		36.0	37.6			36.4	35.2	
6 AR11-213002	33.9		34.4	35.7			34.1	34.4	
7 AR11-213003	21.1		34.0	35.2			34.5	33.5	
8 AR11-213015	30.3		32.3	35.8			33.8	32.8	
9 AR11-213017	31.2		31.8	33.4			32.9	30.0	
10 AR11-313002	32.6		33.3	36.1			34.6	33.3	
11 AR11-313007	31.7		32.6	34.1			34.9	32.2	
12 AR11-313013	29.9		34.9	35.8			34.1	34.6	
13 AR11-313025	33.3		34.9	37.1			35.4	34.5	
14 AR11-313038	30.5		34.4	34.6			33.7	32.0	
15 AR11-313041	29.9		32.8	35.3			33.6	30.5	
16 AR11-313048	31.9		33.5	34.6			35.2	32.5	
17 AR11-313063	31.8		34.5	34.9			33.9	34.4	
18 AR11-313071	30.6		35.2	36.5			35.2	33.9	
19 E10173	32.8		34.2	36.1			33.9	34.3	
20 E10174	30.5		34.2	35.8			34.4	33.9	
21 K10-8556	31.3		34.1	34.7			33.2	31.9	
22 LD08- 923	29.7		32.0	33.4			34.1	31.6	
23 LD09- 3645	29.1		34.1	35.6			33.7	32.9	
24 LD09- 3913	31.1		32.5	33.6			32.9	32.2	
25 LD09- 6277	31.9		34.5	35.8			35.2	33.9	
26 LD09- 9396	32.8		35.2	35.6			34.4	32.3	
27 LD09- 9476	31.2		34.4	35.1			33.9	33.3	
28 LD09-10242	28.6		33.9	34.0			32.9	32.9	
29 LD09-10717	30.2		33.6	34.8			33.7	33.8	
30 LD09-10911			34.5	34.7			34.9	34.0	
31 LD09-11732	31.0		33.1	33.8			32.1	31.6	
32 LD09-11822	30.5		33.2	33.9			33.2	32.0	
33 U09-214036	33.3		34.9	35.2			33.3	32.7	
34 U09-216064	31.6		34.0	35.8			32.9	31.6	
35 U09-230074	30.3		34.5	35.6			33.1	32.0	
36 U09-231074	31.5		33.4	35.0			33.2	32.8	
37 U09-318136	30.6		33.6	33.8			34.4	33.5	
38 U09-318140	31.9		32.4	33.6			33.0	31.9	

2012 SCN PRELIM TEST III

Oil (%)

	Leighton	Muscatine	Arthur	Manhattan	Columbus	Plattsmuth	Waterloo	Urbana	Ottawa
	IA	IA	IL	KS	NE	NE	NE	IL	KS
SCN HG Type	2.5.7	2	2.5.7	2.7	I	0	I	NI	NI
Strain									
1 IA3023	19.4		19.3	19.2			19.0	21.1	
2 IA3024	18.4		19.7	19.3			18.7	20.4	
3 IA3048	18.5		19.5	18.8			18.1	19.1	
4 IA4005	19.9		19.1	18.6			18.4	19.7	
5 AR10-305050	18.4		18.9	17.9			18.1	18.4	
6 AR11-213002	17.2		19.2	19.0			18.4	19.1	
7 AR11-213003	18.3		19.8	19.0			17.7	19.8	
8 AR11-213015	20.3		20.1	19.7			19.2	21.4	
9 AR11-213017	19.4		20.0	19.7			19.6	21.2	
10 AR11-313002	17.2		20.3	18.8			18.0	19.1	
11 AR11-313007	18.3		20.0	18.8			17.5	20.2	
12 AR11-313013	19.8		18.7	18.2			18.1	18.7	
13 AR11-313025	18.5		19.4	18.7			18.3	19.5	
14 AR11-313038	19.5		19.8	19.5			18.8	20.3	
15 AR11-313041	20.9		21.2	19.6			18.9	21.0	
16 AR11-313048	19.2		20.4	19.1			18.1	20.0	
17 AR11-313063	19.8		20.1	19.2			19.2	20.7	
18 AR11-313071	19.5		19.0	18.4			18.2	19.6	
19 E10173	17.8		18.9	18.6			18.4	19.1	
20 E10174	18.9		20.2	19.4			18.3	20.6	
21 K10-8556	19.1		18.8	18.5			18.6	18.7	
22 LD08- 923	18.5		19.7	19.7			17.5	19.9	
23 LD09- 3645	21.9		20.6	19.9			19.2	20.7	
24 LD09- 3913	18.5		20.1	19.9			18.6	20.0	
25 LD09- 6277	17.7		19.4	18.9			17.7	18.9	
26 LD09- 9396	19.0		19.7	18.9			18.3	20.2	
27 LD09- 9476	18.9		19.8	19.0			18.6	18.8	
28 LD09-10242	19.0		18.8	18.9			17.9	19.9	
29 LD09-10717	19.0		19.4	18.9			18.6	19.8	
30 LD09-10911			19.4	19.2			18.5	19.2	
31 LD09-11732	19.1		20.0	19.3			19.3	20.7	
32 LD09-11822	19.6		20.5	18.9			18.4	20.2	
33 U09-214036	18.2		19.1	19.6			19.7	21.4	
34 U09-216064	20.5		20.0	19.7			20.1	20.4	
35 U09-230074	19.0		19.6	19.0			19.3	21.0	
36 U09-231074	19.1		20.1	19.3			19.6	20.9	
37 U09-318136	20.6		19.9	20.0			19.0	21.0	
38 U09-318140	19.4		20.3	19.3			19.3	20.5	