

2016 SCN PRELIM TEST I

Strain	FPhm	Parentage	Gen. Comp.	SCN res source	Traits
1 MN1410	WGbf	Unknown	F5	None	
2 IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024	F5	PI88788	
3 Sheyenne (0)	PGy	Pioneer 9071 x A96-492041	F4	None	Rsp1-c
4 U11-917032	PTbl	LD02-4485 x U03-100612	F6	PI 88788	
5 AR15-158003	PT+Ltbl	AX19286-4-7 x AR06-165058	F5	PI 88788	
6 AR15-158006	WTbr	AX19287-1-5 x AR06-165058	F5	PI 88788	
7 AR15-158038	PGibl/bf	IAR1902 SCN x ND07-4635	F3	Peking	
8 AR15-158043	PGy	ND03-5441 x IAR1902 SCN	F3	Peking	
9 AR15-158057	PT+Ltbl/gr	ND07-4635 x AR16SCN	F3	PI 88788	
10 AR15-158072	PLtbr/bl	AR16SCN x U09-105007	F3	PI 88788	
11 M10-176042	WGy/bf	M04-212034 x OAC06-02	F5	PI 88788	
12 M10-208034	WGbf	M04-212108 x MN0605SP	F5	PI 88788	
13 M10-254090	WGy	M04-217116 x MN2001SP	F5	PI 88788	
14 M11-108030	WTy/br	LD05-1540 x M04-254003	F5	PI 88788	WILT
15 M11-108079	Wmm	LD05-1540 x M04-254003	F5	PI 88788	WILT
16 M11-108083	WT+Ggr	LD05-1540 x M04-254003	F5	PI 88788	WILT
17 M11-117005	WT+Gbf/lbr	MN1410 x F1 MSC10-567	F5		
18 M11-125033	PTgr	MN0606CN x 236FHP	F5	PI 88788	
19 M11-125046	PTgr	MN0606CN x 236FHP	F5	PI 88788	
20 M11-125077	PTbr	MN0606CN x 236FHP	F5	PI 88788	
21 MSC10-559061	P+WGy	Sheyenne x PI507471	F5	PI 507471	
22 MSC10-567015	WGbf	MN1410 x PI633736	F5	PI 633736	
23 MSC10-578011	P+WT+Gbf/lbr	DS-880 x Sheyenne	F5		
24 MSC10-578025	PLtbl	DS-880 x Sheyenne	F5		
25 MSC10-578046	PGgr/y	DS-880 x Sheyenne	F5		
26 OAC 14-36C-SCN	PGy		F5		
27 OAC 14-37C-SCN	PGy		F5		
28 OAC 14-39C-SCN	PGy		F5		
29 OAC 14-40C-SCN	PGy		F5		
30 ORC 1404N	PGy	HDC Goshen x OX-802	F5	PI 88788	

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Entry	IL SCN screening				ISU IDC	MN IDC
	HG 0		HG 2.5.7		Bruner	Danvers
	FI	rating	FI	rating	score	score
1 MN1410	54	LR	69	NR	2.5	1.5
2 IA1022 (SCN)	26	MR	54	LR	2.0	1.3
3 Sheyenne (0)	83	NR	80	NR	1.8	1.3
4 U11-917032	11	R	63	NR	3.8	2.3
5 AR15-158003	4	HR	67	NR	3.3	1.5
6 AR15-158006	6	HR	57	LR	2.3	1.5
7 AR15-158038	5	HR	69	NR	2.0	1.5
8 AR15-158043	24	**	5	HR	1.5	1.3
9 AR15-158057	11	R	74	NR	2.8	1.8
10 AR15-158072	9	HR	67	NR	2.5	1.3
11 M10-176042	33	**	65	NR	1.0	1.5
12 M10-208034	74	**	73	NR	1.3	1.0
13 M10-254090	15	**	58	LR	3.8	2.8
14 M11-108030	80	NR	78	NR	2.3	1.3
15 M11-108079	20	R	74	NR	1.8	1.3
16 M11-108083	26	MR	61	NR	2.3	2.3
17 M11-117005	60	NR	67	NR	2.3	1.5
18 M11-125033	23	**	67	NR	1.5	1.0
19 M11-125046	6	HR	71	NR	2.3	2.0
20 M11-125077	14	R	67	NR	2.3	1.3
21 MSC10-559061	16	R	74	NR	1.3	1.8
22 MSC10-567015	3	HR	32	MR	2.3	1.8
23 MSC10-578011	73	NR	64	NR	2.0	2.0
24 MSC10-578025	16	R	30	**	2.0	1.5
25 MSC10-578046	76	NR	74	NR	1.8	1.3
26 OAC 14-36C-SCN	12	R	64	NR	3.8	1.8
27 OAC 14-37C-SCN	12	R	67	NR	3.0	2.5
28 OAC 14-39C-SCN	93	NR	70	NR	2.3	1.5
29 OAC 14-40C-SCN	104	NR	63	NR	2.8	2.5
30 ORC 1404N	9	HR	72	NR	1.8	1.0

**rep data too variable to rate

Ave. 2.4 Ave. 1.6
LSD 2.2 LSD 0.8

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2016 Summary

Entry	Yield							Maturity date	Lodging score	Height in.	Seed			
	All		Infested		Non-infested		quality				weight	protein	oil	
	bu/a	rank	bu/a	rank	bu/a	rank	score				g/100	@13%	@13%	
Locations	6		6		0		5	6	6	5	5	4	4	
1 MN1410	45.2	26	45.2	26			9/13	2.4	34	2.0	16.2	35.4	18.4	
2 IA1022 (SCN)	51.2	18	51.2	18			9	2.4	35	1.5	15.9	31.8	20.2	
3 Sheyenne (0)	43.1	30	43.1	30			-4	2.2	31	2.8	16.3	34.1	19.3	
4 U11-917032	64.8	2	64.8	2			10	2.4	32	1.7	16.4	32.7	19.2	
5 AR15-158003	57.3	8	57.3	8			10	2.4	40	1.4	17.9	34.6	18.5	
6 AR15-158006	62.5	6	62.5	6			10	1.7	34	1.7	17.5	33.1	18.8	
7 AR15-158038	62.7	4	62.7	4			11	2.0	38	1.7	16.0	32.3	18.9	
8 AR15-158043	52.9	14	52.9	14			10	2.8	39	1.7	16.7	35.1	18.1	
9 AR15-158057	62.7	4	62.7	4			13	2.1	38	1.4	18.1	34.5	18.5	
10 AR15-158072	65.7	1	65.7	1			8	1.5	31	1.8	17.4	33.4	19.7	
11 M10-176042	58.2	7	58.2	7			4	2.1	34	1.9	15.5	31.9	19.5	
12 M10-208034	51.2	18	51.2	18			-1	2.5	31	2.2	16.9	35.6	18.6	
13 M10-254090	55.5	10	55.5	10			6	2.8	39	1.8	18.4	35.9	18.2	
14 M11-108030	51.7	16	51.7	16			0	2.4	35	2.2	17.3	35.0	19.7	
15 M11-108079	47.9	23	47.9	23			8	2.3	40	2.6	18.5	34.8	19.7	
16 M11-108083	44.3	28	44.3	28			0	2.1	31	1.9	16.0	34.7	19.6	
17 M11-117005	45.0	27	45.0	27			-1	2.9	33	1.8	14.8	32.3	19.2	
18 M11-125033	50.3	21	50.3	21			-2	1.9	30	1.7	14.5	34.9	19.1	
19 M11-125046	52.1	15	52.1	15			0	2.4	33	1.6	14.9	34.4	19.5	
20 M11-125077	46.4	24	46.4	24			0	2.7	34	1.5	15.0	36.4	18.2	
21 MSC10-559061	54.5	11	54.5	11			6	3.0	41	2.0	15.2	33.9	19.1	
22 MSC10-567015	51.6	17	51.6	17			7	2.3	33	1.6	15.9	35.1	18.4	
23 MSC10-578011	43.8	29	43.8	29			0	2.1	34	1.8	16.3	34.5	19.0	
24 MSC10-578025	64.8	2	64.8	2			11	1.9	38	1.5	17.3	34.7	18.5	
25 MSC10-578046	48.2	22	48.2	22			-1	1.9	31	2.5	17.4	33.0	19.4	
26 OAC 14-36C-SCN	53.3	12	53.3	12			-5	3.3	34	1.8	17.9	34.1	19.6	
27 OAC 14-37C-SCN	50.9	20	50.9	20			-2	2.5	38	1.7	17.5	34.2	19.2	
28 OAC 14-39C-SCN	55.9	9	55.9	9			6	2.6	34	2.0	16.4	32.6	19.5	
29 OAC 14-40C-SCN	45.7	25	45.7	25			0	2.2	32	1.6	17.0	32.1	19.1	
30 ORC 1404N	53.2	13	53.2	13			0	2.7	38	1.6	17.7	34.4	17.9	
Mean	53.1		53.1				16.8	2.3	34.9	1.8	16.6	34.0	19.0	
LSD(.05)	7.1		7.1				1.7	0.3	2.2					
C.V. %	16.6		16.6				11.8	17.7	8.0					
Replications	12		12				10	12	12					

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Yield (bu/a)

SCN HG Type	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
Strain						
1 MN1410	33.2	63.5	53.2	27.0	48.7	46.4
2 IA1022 (SCN)	30.9	74.1	57.3	52.7	55.4	57.5
3 Sheyenne (0)	47.3	59.7	52.9	21.5	58.5	36.4
4 U11-917032	80.5	82.3	68.8	44.6	38.6	41.9
5 AR15-158003	61.5	76.2	65.3	45.2	45.1	50.8
6 AR15-158006	69.2	82.4	69.1	52.1	54.8	47.9
7 AR15-158038	58.2	81.6	72.7	42.5	50.5	52.3
8 AR15-158043	56.2	59.2	54.9	43.0	55.1	48.9
9 AR15-158057	52.3	73.8	73.1	53.1	65.3	58.6
10 AR15-158072	64.6	81.5	73.1	55.2	64.9	54.8
11 M10-176042	54.4	76.3	64.5	50.6	53.2	49.8
12 M10-208034	57.4	63.3	53.8	46.4	45.9	40.2
13 M10-254090	71.2	72.2	61.9	48.6	35.0	43.7
14 M11-108030	44.8	66.0	57.4	40.6	52.3	49.2
15 M11-108079	41.8	65.6	54.5	34.2	44.2	46.4
16 M11-108083	36.8	59.8	52.9	32.0	45.3	39.2
17 M11-117005	33.2	69.3	47.2	32.2	53.8	35.2
18 M11-125033	50.0	67.0	55.0	48.9	38.0	43.2
19 M11-125046	61.2	64.8	55.2	38.6	52.1	40.7
20 M11-125077	34.5	65.5	51.7	46.5	40.0	40.6
21 MSC10-559061	48.3	69.4	56.5	50.9	52.9	49.3
22 MSC10-567015	31.2	68.8	57.8	48.7	49.5	53.7
23 MSC10-578011	42.9	57.7	54.9	37.0	38.0	44.2
24 MSC10-578025	61.8	78.6	73.8	60.0	57.5	56.9
25 MSC10-578046	57.9	67.2	60.3	19.2	43.9	41.1
26 OAC 14-36C-SCN	55.7	60.6	51.2	45.4	60.4	46.1
27 OAC 14-37C-SCN	47.0	68.5	55.8	31.3	52.1	50.6
28 OAC 14-39C-SCN	54.4	71.4	63.5	52.8	37.5	55.6
29 OAC 14-40C-SCN	52.9	67.9	44.4	29.5	37.9	42.2
30 ORC 1404N	57.3	70.7	57.6	45.2	38.4	50.7
Average	51.6	69.5	59.0	42.5	48.8	47.1
LSD(2-sided,.05)	14.6	6.5	5.1	16.1	24.7	14.6
C.V. %	13.8	4.6	4.2	18.2	23.2	15.2
Replications	2	2	2	2	2	2
Row spacing (in.)	30	30	30	30	30	30

2016 SCN PRELIM TEST I

Yield (rank)

SCN HG Type	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
Strain	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
1 MN1410	27	24	24	28	17	17
2 IA1022 (SCN)	30	8	15	5	6	2
3 Sheyenne (0)	20	28	25	29	4	29
4 U11-917032	1	2	6	17	24	23
5 AR15-158003	6	7	7	15	20	8
6 AR15-158006	3	1	5	6	8	15
7 AR15-158038	8	3	4	19	15	7
8 AR15-158043	12	29	20	18	7	14
9 AR15-158057	17	9	2	3	1	1
10 AR15-158072	4	4	2	2	2	5
11 M10-176042	14	6	8	8	10	11
12 M10-208034	10	25	23	13	18	27
13 M10-254090	2	10	10	11	30	20
14 M11-108030	22	20	14	20	12	13
15 M11-108079	24	21	22	23	21	16
16 M11-108083	25	27	25	25	19	28
17 M11-117005	27	14	29	24	9	30
18 M11-125033	18	19	19	9	26	21
19 M11-125046	7	23	18	21	14	25
20 M11-125077	26	22	27	12	23	26
21 MSC10-559061	19	13	16	7	11	12
22 MSC10-567015	29	15	12	10	16	6
23 MSC10-578011	23	30	20	22	27	19
24 MSC10-578025	5	5	1	1	5	3
25 MSC10-578046	9	18	11	30	22	24
26 OAC 14-36C-SCN	13	26	28	14	3	18
27 OAC 14-37C-SCN	21	16	17	26	13	10
28 OAC 14-39C-SCN	14	11	9	4	29	4
29 OAC 14-40C-SCN	16	17	30	27	28	22
30 ORC 1404N	11	12	13	16	25	9

2016 SCN PRELIM TEST I

Maturity

	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
SCN HG Type	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
Strain						
1 MN1410		9/12	8/28	9/15	9/23	9/17
2 IA1022 (SCN)		8	7	15	7	8
3 Sheyenne (0)		-4	1	-3	-9	-6
4 U11-917032		10	9	16	6	9
5 AR15-158003		10	10	16	7	9
6 AR15-158006		11	11	15	6	8
7 AR15-158038		15	13	16	5	7
8 AR15-158043		12	9	15	7	8
9 AR15-158057		16	15	16	11	9
10 AR15-158072		6	11	11	5	6
11 M10-176042		6	5	8	0	3
12 M10-208034		-1	0	2	-5	-3
13 M10-254090		7	9	9	3	3
14 M11-108030		-2	2	4	-4	-1
15 M11-108079		10	10	14	6	2
16 M11-108083		2	1	3	-1	-3
17 M11-117005		-3	-2	3	-2	-2
18 M11-125033		-4	1	0	-4	-1
19 M11-125046		-2	3	3	-3	2
20 M11-125077		-2	1	5	-1	0
21 MSC10-559061		7	8	13	2	2
22 MSC10-567015		11	5	11	3	7
23 MSC10-578011		2	5	1	-5	0
24 MSC10-578025		14	11	16	7	7
25 MSC10-578046		5	1	-3	-4	-3
26 OAC 14-36C-SCN		-4	-3	-2	-10	-5
27 OAC 14-37C-SCN		-4	0	0	-7	-4
28 OAC 14-39C-SCN		8	7	13	0	3
29 OAC 14-40C-SCN		-1	0	3	-3	2
30 ORC 1404N		-1	3	3	-6	0
Planted	5/9	5/5	5/21	5/26	5/18	6/2

2016 SCN PRELIM TEST I

Lodging (score)

SCN HG Type	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
Strain	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
1 MN1410	3.5	2.8	3.0	1.0	1.5	2.5
2 IA1022 (SCN)	2.8	2.3	3.3	1.0	2.0	3.0
3 Sheyenne (0)	2.8	2.3	2.8	1.0	1.5	3.0
4 U11-917032	2.8	3.0	2.5	1.0	2.0	3.0
5 AR15-158003	3.0	2.8	2.8	.	2.0	2.5
6 AR15-158006	2.5	1.5	2.0	1.0	1.5	1.5
7 AR15-158038	3.3	2.3	2.0	1.0	1.5	2.0
8 AR15-158043	4.0	3.3	3.3	1.0	2.5	2.5
9 AR15-158057	2.5	2.8	2.5	1.0	2.0	2.0
10 AR15-158072	2.0	1.5	1.5	1.0	1.5	1.5
11 M10-176042	3.0	2.5	2.5	1.0	2.0	1.5
12 M10-208034	3.5	3.0	2.8	1.0	2.0	2.5
13 M10-254090	3.0	3.3	4.0	1.0	2.0	3.5
14 M11-108030	3.0	3.3	2.8	1.0	2.0	2.5
15 M11-108079	2.8	2.3	3.5	1.0	2.0	2.0
16 M11-108083	2.5	2.5	2.5	1.0	2.0	2.0
17 M11-117005	3.8	3.3	4.0	1.0	2.5	3.0
18 M11-125033	2.5	2.3	2.3	1.0	2.0	1.5
19 M11-125046	3.0	2.8	3.0	1.0	2.0	2.5
20 M11-125077	3.3	3.0	3.5	1.0	2.5	3.0
21 MSC10-559061	3.5	3.8	3.5	1.0	3.0	3.0
22 MSC10-567015	3.3	2.8	2.5	1.0	2.0	2.0
23 MSC10-578011	3.0	2.0	2.8	1.0	2.0	2.0
24 MSC10-578025	2.5	2.0	2.0	1.0	2.0	2.0
25 MSC10-578046	2.5	2.3	2.3	1.0	2.0	1.5
26 OAC 14-36C-SCN	3.8	3.8	4.0	1.0	3.0	4.0
27 OAC 14-37C-SCN	3.3	2.8	3.0	1.0	2.0	3.0
28 OAC 14-39C-SCN	2.8	3.3	3.5	1.0	2.0	3.0
29 OAC 14-40C-SCN	2.8	2.5	2.5	1.0	2.0	2.5
30 ORC 1404N	4.0	2.8	3.5	1.0	2.5	2.5

2016 SCN PRELIM TEST I

Height (inches)

SCN HG Type	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
Strain	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
1 MN1410	33	36	38	35	31	34
2 IA1022 (SCN)	33	38	35	38	36	34
3 Sheyenne (0)	29	30	37	34	28	31
4 U11-917032	34	35	35	32	31	27
5 AR15-158003	39	39	39	41	42	39
6 AR15-158006	33	35	35	36	34	30
7 AR15-158038	38	41	38	39	37	33
8 AR15-158043	36	43	37	41	42	39
9 AR15-158057	35	40	36	39	40	41
10 AR15-158072	26	32	34	31	28	34
11 M10-176042	28	32	37	40	32	35
12 M10-208034	30	32	33	33	28	31
13 M10-254090	32	39	44	39	37	41
14 M11-108030	31	35	42	36	30	37
15 M11-108079	38	41	40	41	42	41
16 M11-108083	31	32	35	30	30	32
17 M11-117005	30	34	36	34	32	33
18 M11-125033	27	32	34	32	29	30
19 M11-125046	29	36	38	35	30	34
20 M11-125077	31	35	35	37	34	35
21 MSC10-559061	39	39	41	41	42	42
22 MSC10-567015	31	36	35	35	28	36
23 MSC10-578011	32	37	40	34	31	32
24 MSC10-578025	37	39	38	38	37	36
25 MSC10-578046	30	31	36	29	31	32
26 OAC 14-36C-SCN	27	33	38	38	33	37
27 OAC 14-37C-SCN	35	37	39	40	37	41
28 OAC 14-39C-SCN	32	39	38	34	30	35
29 OAC 14-40C-SCN	28	32	36	33	32	33
30 ORC 1404N	36	38	40	38	37	41

2016 SCN PRELIM TEST I

Seed Quality (score)

Strain	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
SCN HG Type	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
1 MN1410		2.0	3.0	2.0	2.0	1.0
2 IA1022 (SCN)		2.0	1.0	1.0	1.5	2.0
3 Sheyenne (0)		2.0	4.0	4.0	2.0	2.0
4 U11-917032		2.0	2.0	1.5	2.0	1.0
5 AR15-158003		1.0	1.0	1.0	2.5	1.5
6 AR15-158006		2.0	3.0	1.0	1.5	1.0
7 AR15-158038		2.0	2.0	1.0	2.0	1.5
8 AR15-158043		2.0	3.0	1.0	1.5	1.0
9 AR15-158057		1.0	2.0	1.5	1.5	1.0
10 AR15-158072		3.0	2.0	1.5	1.5	1.0
11 M10-176042		2.0	2.0	2.0	2.0	1.5
12 M10-208034		3.0	2.0	2.0	2.5	1.5
13 M10-254090		1.0	2.0	2.5	2.0	1.5
14 M11-108030		3.0	2.0	2.0	2.5	1.5
15 M11-108079		2.0	3.0	2.5	3.5	2.0
16 M11-108083		1.0	2.0	2.0	3.0	1.5
17 M11-117005		2.0	2.0	1.5	2.0	1.5
18 M11-125033		1.0	2.0	2.0	1.5	2.0
19 M11-125046		1.0	2.0	1.5	2.5	1.0
20 M11-125077		2.0	1.0	1.5	2.0	1.0
21 MSC10-559061		2.0	3.0	1.0	2.5	1.5
22 MSC10-567015		2.0	2.0	1.0	2.0	1.0
23 MSC10-578011		1.0	3.0	1.5	2.0	1.5
24 MSC10-578025		2.0	2.0	1.5	1.0	1.0
25 MSC10-578046		4.0	2.0	2.5	2.5	1.5
26 OAC 14-36C-SCN		2.0	2.0	1.5	2.0	1.5
27 OAC 14-37C-SCN		2.0	2.0	1.0	2.5	1.0
28 OAC 14-39C-SCN		2.0	2.0	2.0	2.5	1.5
29 OAC 14-40C-SCN		1.0	2.0	1.5	2.0	1.5
30 ORC 1404N		2.0	2.0	1.0	2.0	1.0

2016 SCN PRELIM TEST I

Seed Weight (g/100)

Strain	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
SCN HG Type	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
1 MN1410		14.4	15.5	17.0	18.1	15.9
2 IA1022 (SCN)		14.9	14.2	17.3	17.4	15.6
3 Sheyenne (0)		15.6	17.8	15.0	17.2	15.8
4 U11-917032		17.5	16.1	16.2	15.8	16.6
5 AR15-158003		17.4	17.9	18.7	17.5	18.1
6 AR15-158006		15.3	17.2	18.7	19.0	17.2
7 AR15-158038		15.2	15.4	16.8	17.4	15.2
8 AR15-158043		17.0	15.4	17.3	17.9	16.2
9 AR15-158057		16.9	17.4	19.2	18.9	18.2
10 AR15-158072		14.5	18.3	17.9	18.3	18.0
11 M10-176042		16.3	15.7	15.0	16.1	14.6
12 M10-208034		19.1	18.0	16.8	14.8	16.0
13 M10-254090		16.4	20.5	20.7	15.8	18.5
14 M11-108030		17.6	17.9	17.0	16.3	17.6
15 M11-108079		16.4	19.3	19.1	19.7	18.2
16 M11-108083		14.3	16.2	16.7	16.6	16.0
17 M11-117005		13.9	14.7	16.6	15.4	13.5
18 M11-125033		14.6	14.9	14.8	14.3	14.2
19 M11-125046		12.8	16.6	15.4	15.5	14.3
20 M11-125077		12.8	15.3	15.4	17.8	13.9
21 MSC10-559061		15.0	15.7	14.8	16.6	14.2
22 MSC10-567015		15.1	17.5	16.2	15.1	15.7
23 MSC10-578011		16.3	17.7	15.6	15.8	16.0
24 MSC10-578025		15.6	17.9	18.7	16.7	17.8
25 MSC10-578046		18.8	18.5	16.5	17.6	15.7
26 OAC 14-36C-SCN		18.0	18.7	18.1	17.1	17.6
27 OAC 14-37C-SCN		15.7	18.2	18.6	16.3	19.1
28 OAC 14-39C-SCN		16.0	16.0	16.2	17.3	16.5
29 OAC 14-40C-SCN		17.5	16.4	16.7	17.0	17.3
30 ORC 1404N		15.4	19.1	19.1	17.5	17.6

2016 SCN PRELIM TEST I

Protein (%)

Strain	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA 2.5.7	IA 2.3.5.6.7	IL 2.5.7	MN 1.2.5.7	MN I	MN 2.5.7
1 MN1410		35.8		36.4	35.5	33.8
2 IA1022 (SCN)		31.0		33.1	33.0	30.0
3 Sheyenne (0)		34.2		36.3	33.8	32.2
4 U11-917032		32.1		34.3	33.8	30.7
5 AR15-158003		34.8		36.1	34.1	33.3
6 AR15-158006		32.2		35.3	33.8	31.1
7 AR15-158038		32.0		34.0	33.0	30.1
8 AR15-158043		34.0		35.4	37.5	33.4
9 AR15-158057		32.8		35.7	35.6	33.9
10 AR15-158072		32.1		34.7	34.0	32.7
11 M10-176042		29.2		33.4	32.6	32.3
12 M10-208034		35.9		36.2	36.3	34.2
13 M10-254090		36.4		35.4	37.3	34.4
14 M11-108030		33.5		36.0	36.3	34.1
15 M11-108079		35.0		35.5	35.6	32.9
16 M11-108083		35.3		35.0	35.9	32.5
17 M11-117005		33.6		34.5	35.3	25.9
18 M11-125033		36.1		35.6	35.3	32.8
19 M11-125046		33.9		34.8	35.7	33.1
20 M11-125077		36.6		37.4	35.6	35.9
21 MSC10-559061		31.7		34.8	36.3	32.8
22 MSC10-567015		36.5		34.7	35.6	33.5
23 MSC10-578011		33.3		35.3	36.0	33.5
24 MSC10-578025		35.0		34.5	36.4	32.7
25 MSC10-578046		32.2		34.9	34.0	30.9
26 OAC 14-36C-SCN		35.0		35.0	34.5	32.1
27 OAC 14-37C-SCN		33.7		34.5	35.6	32.7
28 OAC 14-39C-SCN		29.6		34.0	35.9	30.8
29 OAC 14-40C-SCN		29.1		33.2	34.1	32.0
30 ORC 1404N		33.2		35.1	35.4	33.8

2016 SCN PRELIM TEST I

Oil (%)

	Arlington	Mason City	Urbana	Fairfax	Lamberton	Waseca
	IA	IA	IL	MN	MN	MN
SCN HG Type	2.5.7	2.3.5.6.7	2.5.7	1.2.5.7	I	2.5.7
Strain						
1 MN1410		17.2		19.3	17.8	19.4
2 IA1022 (SCN)		19.2		20.4	19.0	22.1
3 Sheyenne (0)		17.7		20.0	19.3	20.2
4 U11-917032		18.3		20.0	19.1	19.5
5 AR15-158003		16.5		18.7	18.9	19.9
6 AR15-158006		18.8		18.9	17.8	19.6
7 AR15-158038		18.2		18.4	19.0	19.8
8 AR15-158043		17.3		18.4	17.0	19.7
9 AR15-158057		19.0		19.0	17.6	18.4
10 AR15-158072		19.1		20.6	18.3	20.9
11 M10-176042		19.2		19.8	18.4	20.6
12 M10-208034		16.3		19.8	17.9	20.2
13 M10-254090		17.2		19.0	17.0	19.7
14 M11-108030		19.4		19.8	19.1	20.6
15 M11-108079		18.7		20.1	18.8	21.2
16 M11-108083		18.4		19.8	19.1	21.2
17 M11-117005		18.1		19.3	18.4	20.9
18 M11-125033		17.6		19.6	18.9	20.5
19 M11-125046		18.3		20.5	18.4	20.8
20 M11-125077		16.8		19.4	17.7	18.9
21 MSC10-559061		18.7		19.0	17.8	20.8
22 MSC10-567015		16.1		19.4	18.2	19.9
23 MSC10-578011		17.9		19.5	18.9	19.8
24 MSC10-578025		17.0		19.1	18.1	19.7
25 MSC10-578046		18.7		19.9	19.2	20.0
26 OAC 14-36C-SCN		17.6		20.0	19.3	21.2
27 OAC 14-37C-SCN		17.9		19.6	19.1	20.4
28 OAC 14-39C-SCN		19.2		19.8	17.9	21.2
29 OAC 14-40C-SCN		18.9		18.7	18.6	20.1
30 ORC 1404N		16.4		18.0	17.9	19.3