

2016 SCN Uniform Test 0

Strain	FPhlm	Parentage	Previous testing	Gen. Comp.	SCN res source	Traits
<b>1 Sheyenne</b>	PGy	Pioneer 9071 x A96-492041	8	F4	none	Rsp1-c
<b>2 MN1410</b>	WGbfb	Unknown	11	F5	none	
<b>3 MN0095</b>	PGibl	M92-270029 x M93-313135	6	F5	none	Rps1
<b>4 MN0606CN</b>	WTy	MN0901 x MN0902CN	11	F4	PI 88788	
<b>5 M08-151025</b>	WGy	M00-116161 x M99-286047	2	F5	PI 88788	
<b>6 M08-354011</b>	P+WTy	ND03-7566 x MN1413CN	1	F5	PI 88788	
<b>7 M08-357102</b>	P+WT+Gy	M02-383122 x IA1022	1	F5	PI 88788	
<b>8 M08-359053</b>	P+WT+Gy	M02-391112 x MN1710CN	1	F5	PI 88788,209332	
<b>9 M08-362045</b>	WLtbl+y	MN0606CN x U03-100612	1	F5	PI 88788, Peking	
<b>10 M09-269045</b>	PTy	MN0908CN x LD02-4485	15 SCN P 0	F5	PI 88788,209332	
<b>11 M09-274025</b>	PGbfb	MN0208CN x LD02-4485	15 SCN P 0	F5	PI 88788	
<b>12 M09-274049</b>	PTbr	MN0208CN x LD02-4485	15 SCN P I	F5	PI 88788,209332	
<b>13 ND09-5798</b>	PTy	ND03-7267 x Sheyenne	15 SCN P 0	F4	PI 88788	Rps6
<b>14 ND10-2763</b>	WGy	Sheyenne x ND03-5441	2	F4	PI 88788	Rps6
<b>15 ND10-3464</b>	WGbfb	ND03-7566 x [ND03-5441 x LaMoure]	2	F4	PI 88788	Rps6

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Entry	IL SCN screening				MN IDC
	HG 0		HG 2.5.7		Danvers
	FI	rating	FI	rating	score
1 Sheyenne	83	NR	80	NR	3.5
2 MN1410	54	L	69	NR	2.8
3 MN0095	35	MR	71	NR	2.5
4 MN0606CN	8	HR	73	NR	4.5
5 M08-151025	5	HR	83	NR	3.8
6 M08-354011	13	R	62	NR	3.3
7 M08-357102	30	**	69	NR	3.3
8 M08-359053	47	LR	64	NR	3.8
9 M08-362045	7	HR	52	LR	4.3
10 M09-269045	10	R	70	NR	3.8
11 M09-274025	92	NR	81	NR	3.5
12 M09-274049	66	NR	70	NR	4.3
13 ND09-5798	75	NR	69	NR	4.0
14 ND10-2763	75	NR	69	NR	3.5
15 ND10-3464	9	HR	63	NR	2.8

\*\*rep data too variable to rate

Ave. 3.6

LSD 1.3

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## 2016 Summary

Entry	Locations	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%
		7		4		3		7	7	6	6	6	6	6
<b>1</b>	<b>Sheyenne</b>	<b>44.1</b>	<b>9</b>	41.2	10	48.0	4	9/16	1.4	34	2.2	17.7	35.6	19.1
<b>2</b>	<b>MN1410</b>	<b>46.2</b>	<b>5</b>	41.2	10	52.9	1	7	1.4	34	1.7	19.7	37.5	18.2
<b>3</b>	<b>MN0095</b>	<b>35.6</b>	<b>14</b>	33.0	14	39.1	15	-6	1.4	27	1.7	14.0	35.7	18.9
<b>4</b>	<b>MN0606CN</b>	<b>46.1</b>	<b>6</b>	49.1	4	42.1	11	3	1.6	32	1.7	16.8	36.4	18.3
<b>5</b>	<b>M08-151025</b>	<b>46.7</b>	<b>4</b>	46.0	6	47.5	5	5	1.4	32	1.6	17.4	36.2	18.1
<b>6</b>	<b>M08-354011</b>	<b>45.5</b>	<b>8</b>	44.7	7	46.6	7	2	1.5	32	1.6	16.6	36.3	18.6
<b>7</b>	<b>M08-357102</b>	<b>48.6</b>	<b>3</b>	50.4	3	46.2	9	3	1.6	34	1.6	18.6	36.7	18.5
<b>8</b>	<b>M08-359053</b>	<b>44.0</b>	<b>10</b>	46.6	5	40.5	13	2	1.7	35	2.6	17.8	36.6	18.3
<b>9</b>	<b>M08-362045</b>	<b>50.2</b>	<b>2</b>	52.2	1	47.4	6	4	1.5	33	2.1	17.1	36.7	18.6
<b>10</b>	<b>M09-269045</b>	<b>50.6</b>	<b>1</b>	51.1	2	49.9	2	2	1.4	32	1.6	16.1	35.9	18.4
<b>11</b>	<b>M09-274025</b>	<b>34.7</b>	<b>15</b>	31.3	15	39.2	14	-1	1.3	29	1.8	19.0	37.8	18.3
<b>12</b>	<b>M09-274049</b>	<b>43.4</b>	<b>11</b>	41.0	13	46.5	8	2	1.3	31	1.3	17.5	37.0	17.6
<b>13</b>	<b>ND09-5798</b>	<b>43.2</b>	<b>12</b>	41.2	10	45.8	10	2	1.1	29	1.7	18.3	35.2	19.4
<b>14</b>	<b>ND10-2763</b>	<b>45.6</b>	<b>7</b>	43.3	8	48.6	3	-2	1.3	30	2.1	15.4	35.3	19.4
<b>15</b>	<b>ND10-3464</b>	<b>42.3</b>	<b>13</b>	43.2	9	41.2	12	-1	1.3	29	2.0	16.7	37.7	18.1
Mean		<b>44.4</b>		43.7		45.4		17.6	1.4	31.6	1.8	17.2	36.4	18.5
LSD(.05)		<b>3.9</b>		6.1		4.1		1.3	0.2	1.4				
C.V. %		<b>14.2</b>		17.1		9.6		12.3	20.1	6.9				
Replications		<b>21</b>		12		9		19	19	16				

## 2 year summary

Entry	Locations	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%
		<b>14</b>		8		6		14	14	12	12	12	12	12
<b>1</b>	<b>Sheyenne</b>	<b>43.5</b>	<b>7</b>	41.9	8	45.7	2	9/17	1.5	33	2.1	17.1	35.5	18.6
<b>2</b>	<b>MN1410</b>	<b>45.3</b>	<b>3</b>	41.1	9	50.9	1	7	1.5	35	1.7	18.6	36.7	18.3
<b>3</b>	<b>MN0095</b>	<b>35.5</b>	<b>11</b>	33.8	11	37.9	11	-5	1.5	27	1.8	13.7	36.0	18.8
<b>4</b>	<b>MN0606CN</b>	<b>44.1</b>	<b>5</b>	45.4	3	42.5	8	3	1.6	31	1.8	16.2	36.3	18.2
<b>5</b>	<b>M08-151025</b>	<b>43.6</b>	<b>6</b>	43.7	6	43.4	7	4	1.6	32	1.7	16.6	36.5	18.0
<b>6</b>	<b>M08-354011</b>	<b>44.2</b>	<b>4</b>	43.8	5	44.8	3	3	1.7	32	1.6	15.8	36.1	18.7
<b>7</b>	<b>M08-357102</b>	<b>45.8</b>	<b>2</b>	46.7	2	44.5	4	3	1.6	32	1.7	17.7	36.6	18.3
<b>8</b>	<b>M08-359053</b>	<b>42.2</b>	<b>8</b>	44.0	4	39.7	9	1	1.7	33	2.3	17.2	36.8	18.4
<b>9</b>	<b>M08-362045</b>	<b>46.7</b>	<b>1</b>	48.5	1	44.2	5	3	1.7	30	2.0	16.3	36.8	18.6
<b>14</b>	<b>ND10-2763</b>	<b>41.6</b>	<b>9</b>	39.8	10	44.0	6	-1	1.4	30	2.1	15.8	35.1	19.0
<b>15</b>	<b>ND10-3464</b>	<b>41.0</b>	<b>10</b>	42.2	7	39.5	10	0	1.5	29	1.9	16.2	37.5	18.0

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Yield (bu/a)

	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
SCN HG Type	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
<b>1 Sheyenne</b>	51.5	28.3	36.9	53.7	48.7	48.1	47.3
<b>2 MN1410</b>	36.8	28.6	34.8	64.6	57.0	48.7	53.1
<b>3 MN0095</b>	42.5	12.0	26.9	49.8	35.8	39.7	41.7
<b>4 MN0606CN</b>	51.8	43.9	40.1	65.3	45.2	37.3	43.7
<b>5 M08-151025</b>	46.8	33.6	36.4	67.4	47.6	44.4	50.5
<b>6 M08-354011</b>	52.5	36.4	33.0	56.3	46.2	44.7	48.9
<b>7 M08-357102</b>	57.5	42.9	43.2	57.9	49.2	44.1	45.4
<b>8 M08-359053</b>	57.9	33.9	34.4	59.8	43.1	42.6	37.2
<b>9 M08-362045</b>	58.7	43.3	43.2	63.2	52.9	45.8	43.6
<b>10 M09-269045</b>	56.8	38.5	42.5	66.5	51.3	48.4	50.1
<b>11 M09-274025</b>	31.0	18.4	32.1	35.6	39.8	39.1	39.9
<b>12 M09-274049</b>	46.9	32.3	38.4	53.1	46.7	50.3	42.4
<b>13 ND09-5798</b>	54.9	29.7	34.5	46.3	49.2	47.6	40.5
<b>14 ND10-2763</b>	55.6	24.2	35.8	57.6	46.2	49.7	49.8
<b>15 ND10-3464</b>	51.1	34.9	29.6	56.9	43.2	32.9	47.5
Average	50.2	32.1	36.1	59.6	46.8	44.2	45.4
LSD(2-sided,.05)	10.2	7.3	10.2	10.1	5.6	9.8	6.8
C.V. %	12.1	13.1	16.5	11.0	5.3	13.2	9.0
Replications	3	3	3	3	3	3	3
Row spacing (in.)	30	30	30	30	15	14	14

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Yield (rank)

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
2.5.7	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
<b>1 Sheyenne</b>	9	12	6	11	6	5	7
<b>2 MN1410</b>	14	11	9	4	1	3	1
<b>3 MN0095</b>	13	15	15	13	15	12	12
<b>4 MN0606CN</b>	8	1	4	3	11	14	9
<b>5 M08-151025</b>	12	8	7	1	7	9	2
<b>6 M08-354011</b>	7	5	12	10	10	8	5
<b>7 M08-357102</b>	3	3	2	7	5	10	8
<b>8 M08-359053</b>	2	7	11	6	12	11	15
<b>9 M08-362045</b>	1	2	1	5	2	7	10
<b>10 M09-269045</b>	4	4	3	2	3	4	3
<b>11 M09-274025</b>	15	14	13	15	14	13	14
<b>12 M09-274049</b>	11	9	5	12	8	1	11
<b>13 ND09-5798</b>	6	10	10	14	4	6	13
<b>14 ND10-2763</b>	5	13	8	8	9	2	4
<b>15 ND10-3464</b>	10	6	14	9	13	15	6

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**Maturity**

	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
SCN HG Type	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
<b>1 Sheyenne</b>	9/10	9/10	9/12	9/12	9/25	9/22	9/22
<b>2 MN1410</b>	12	6	9	12	9	8	5
<b>3 MN0095</b>	-1	0	-18	-6	-12	-7	-2
<b>4 MN0606CN</b>	5	7	3	5	0	2	-1
<b>5 M08-151025</b>	3	5	5	8	6	3	3
<b>6 M08-354011</b>	5	6	5	3	-1	-1	0
<b>7 M08-357102</b>	5	8	5	1	-1	0	2
<b>8 M08-359053</b>	7	8	-3	-1	-3	2	0
<b>9 M08-362045</b>	6	6	6	5	3	0	0
<b>10 M09-269045</b>	3	7	5	3	0	-2	0
<b>11 M09-274025</b>	-1	0	0	-2	-2	-2	-3
<b>12 M09-274049</b>	1	6	3	5	2	-1	0
<b>13 ND09-5798</b>	1	4	4	2	0	0	0
<b>14 ND10-2763</b>	0	1	-1	-2	-2	-7	-1
<b>15 ND10-3464</b>	0	4	-1	-4	-2	-1	-2
Planted	5/16	5/26	5/31	5/7	5/16	5/20	5/26

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## Lodging (score)

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	2.0	1.0	2.3	1.0	2.0	1.0	1.2
2 MN1410	1.0	1.0	2.7	1.0	2.0	1.0	1.3
3 MN0095	1.0	1.0	2.3	1.0	1.7	1.0	1.7
4 MN0606CN	1.0	1.0	3.7	1.0	2.0	1.0	1.2
5 M08-151025	1.0	1.0	2.7	1.0	2.0	1.0	1.3
6 M08-354011	1.0	1.0	3.3	1.0	2.0	1.0	1.2
7 M08-357102	1.0	1.0	3.3	1.0	2.0	1.0	1.5
8 M08-359053	1.0	1.0	3.0	1.0	3.0	1.0	1.5
9 M08-362045	1.0	1.0	3.3	1.0	2.0	1.0	1.3
10 M09-269045	1.0	1.0	3.0	1.0	2.0	1.0	1.0
11 M09-274025	1.0	1.0	2.0	1.0	2.0	1.0	1.2
12 M09-274049	1.0	1.0	2.0	1.0	2.0	1.0	1.0
13 ND09-5798	1.0	1.0	1.7	1.0	1.0	1.0	1.0
14 ND10-2763	1.0	1.0	2.3	1.0	2.0	1.0	1.0
15 ND10-3464	2.0	1.0	2.3	1.0	1.3	1.0	1.0

## Height (inches)

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	38	29	31		34	39	33
2 MN1410	42	31	34		35	31	35
3 MN0095	35	20	24		30	30	26
4 MN0606CN	33	27	33		33	29	31
5 M08-151025	37	33	31		32	33	29
6 M08-354011	36	31	32		32	31	31
7 M08-357102	39	34	33		33	33	32
8 M08-359053	37	34	32		39	37	30
9 M08-362045	40	29	32		34	33	32
10 M09-269045	39	31	32		30	29	29
11 M09-274025	33	24	27		33	32	28
12 M09-274049	36	28	30		30	30	31
13 ND09-5798	34	29	26		28	31	25
14 ND10-2763	33	27	30		36	29	29
15 ND10-3464	32	28	28		30	28	28

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**Seed Quality (score)**

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	1.0	2.7	2.7		2.0	3.0	2.0
2 MN1410	1.0	1.7	2.3		2.0	1.5	1.5
3 MN0095	1.0	1.7	2.3		2.0	1.5	1.5
4 MN0606CN	1.0	2.0	1.7		2.0	1.5	2.0
5 M08-151025	1.0	1.7	1.7		2.3	1.5	1.5
6 M08-354011	1.0	1.3	2.0		2.0	1.5	1.5
7 M08-357102	1.0	1.3	2.0		2.0	1.5	2.0
8 M08-359053	1.0	2.0	2.3		3.0	4.0	3.0
9 M08-362045	1.0	2.0	1.7		2.3	3.0	2.5
10 M09-269045	1.0	1.7	1.7		2.0	1.5	2.0
11 M09-274025	1.0	1.7	2.0		2.0	2.5	1.5
12 M09-274049	1.0	1.0	1.0		2.0	1.5	1.5
13 ND09-5798	1.0	1.7	2.0		2.7	1.5	1.5
14 ND10-2763	1.0	2.7	2.7		2.0	2.0	2.5
15 ND10-3464	1.0	2.0	2.3		2.3	2.5	2.0

**Seed Weight (g/100)**

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	16.2	15.6	13.6		20.7	21.1	18.8
2 MN1410	15.7	18.1	14.4		23.8	23.9	22.1
3 MN0095	13.0	11.2	10.6		16.8	17.2	15.1
4 MN0606CN	14.3	15.3	13.5		19.8	19.6	18.2
5 M08-151025	15.2	16.0	14.3		20.4	19.2	19.4
6 M08-354011	13.8	14.3	13.1		20.7	18.8	18.6
7 M08-357102	16.6	15.8	15.1		22.5	20.3	21.2
8 M08-359053	15.0	15.5	13.4		21.2	20.8	20.7
9 M08-362045	14.7	15.0	13.4		21.1	19.4	18.7
10 M09-269045	14.2	14.2	13.6		19.2	18.2	17.1
11 M09-274025	16.3	16.7	14.6		21.2	23.1	21.9
12 M09-274049	15.3	16.8	14.0		19.8	19.6	19.7
13 ND09-5798	15.6	15.6	14.3		22.1	21.5	21.0
14 ND10-2763	13.0	12.8	12.0		19.9	17.6	17.2
15 ND10-3464	13.4	13.6	12.6		20.6	20.0	20.0



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**Protein (%)**

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	35.7	36.0	36.3		34.6	35.8	35.1
2 MN1410	35.5	36.2	38.2		38.1	38.8	38.3
3 MN0095	35.9	34.6	35.6		35.0	37.4	35.7
4 MN0606CN	35.7	35.8	36.1		35.8	38.6	36.1
5 M08-151025	35.0	35.5	37.1		36.9	37.0	35.6
6 M08-354011	35.4	33.8	36.6		37.5	38.2	36.6
7 M08-357102	35.6	35.4	37.1		37.3	37.8	37.3
8 M08-359053	35.8	35.0	36.7		37.7	38.0	36.5
9 M08-362045	35.1	35.7	37.0		37.4	38.1	36.9
10 M09-269045	34.8	34.7	37.5		35.4	37.4	35.3
11 M09-274025	35.8	37.8	37.8		39.2	38.8	37.2
12 M09-274049	35.6	35.7	37.2		38.5	37.9	36.8
13 ND09-5798	33.7	34.3	35.1		35.4	36.6	35.8
14 ND10-2763	34.8	33.8	36.2		35.5	36.5	35.1
15 ND10-3464	35.4	35.0	38.1		39.9	40.2	37.7

**Oil (%)**

SCN HG Type	Davners	Fairfax	Rosemount	Wyndmere	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ND	ON	ON	ON
	2.5.7	1.2.5.7	2.5.7	0	NI	NI	NI
Strain							
1 Sheyenne	18.6	20.5	19.3		19.0	18.3	18.6
2 MN1410	18.5	18.1	18.0		18.7	17.7	18.0
3 MN0095	18.2	19.4	18.1		20.0	18.3	19.3
4 MN0606CN	18.6	18.6	17.7		18.5	17.6	18.6
5 M08-151025	18.6	20.1	17.5		16.5	17.7	18.4
6 M08-354011	18.6	19.4	18.0		18.9	17.9	18.6
7 M08-357102	18.4	20.0	18.7		18.2	17.7	18.0
8 M08-359053	17.7	19.9	18.0		18.4	17.7	18.3
9 M08-362045	19.3	19.6	17.8		18.5	17.7	18.4
10 M09-269045	18.5	18.3	17.8		19.0	17.9	18.6
11 M09-274025	19.1	19.1	18.4		17.5	17.5	18.2
12 M09-274049	17.8	18.5	16.6		17.0	17.7	18.0
13 ND09-5798	20.3	20.6	19.4		18.7	18.4	19.1
14 ND10-2763	19.4	21.0	20.3		18.8	18.4	18.8
15 ND10-3464	18.7	19.9	18.0		17.2	17.0	17.8