

2012 SCN UNIFORM TEST 0

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits
1 Sheyenne	PGy	Pioneer 9071 x A96-492041	4	F4	Rsp1-c
2 MN1410	WGbf	Unknown	7	F5	
3 Surge	PGibl	A86-204022 x Kato	8	F5	
4 MN0095	PGibl	M92-270029 x M93-313135	2	F5	Rps1
5 MN0606CN	WTy	MN0901 x MN0902CN	7	F4	
6 M03-149100	PTbl	MN0902CN x MN0304	3	F5	Rps1k
7 M04-212034	WGy	M98-240104 x MN0902CN	2	F5	
8 M04-212108	WTbl+br	M98-240104 x MN0902CN	11SCN U I	F5	
9 M05-353163	PTbr	MN0902CN x M99-286047	1	F5	
10 M05-363022	P+WGy	IA1008 x MN1011CN	1	F5	
11 M06-274203	WTy	MN0902CN x MN1011CN	NEW	F5	
12 M06-274247	WTy	MN0902CN x MN1011CN	NEW	F5	
13 M06-278043	WTbr+y	MN1701CN x M00-113176	NEW	F5	
14 M06-286195	WGy	MN0606CN x MN0308CN	NEW	F5	
15 M06-288033	PGibl	M00-365137 x M99-286050	NEW	F5	
16 M06-289212	WGy	M00-351195 x M00-365181	NEW	F5	
17 M06-289237	WGy	M00-351195 x M00-365181	NEW	F5	pro
18 M06-289264	WTy	M00-351195 x M00-365181	NEW	F5	
19 M06-2916008	PG+Tbr+y	MN0806CN x LD01-5907	NEW	F5	

Entry	IL SCN screening				MN IDC
	HG 0		HG 2.5.7		Danvers
	FI	rating	FI	rating	score
1 Sheyenne	65	NR	62	NR	1.8
2 MN1410	61	NR	55	LR	1.9
3 Surge	64	NR	75	NR	1.4
4 MN0095	72	NR	64	NR	1.8
5 MN0606CN	1	HR	73	NR	2.0
6 M03-149100	4	HR	55	LR	2.0
7 M04-212034	3	HR	78	NR	1.9
8 M04-212108	1	HR	49	LR	1.8
9 M05-353163	2	HR	79	NR	2.0
10 M05-363022	3	HR	65	NR	1.9
11 M06-274203	1	HR	65	NR	2.5
12 M06-274247	3	HR	61	NR	1.6
13 M06-278043	8	HR	65	NR	2.4
14 M06-286195	75	NR	79	NR	2.1
15 M06-288033	1	HR	90	NR	1.9
16 M06-289212	5	HR	79	NR	1.9
17 M06-289237	3	HR	81	NR	1.9
18 M06-289264	7	HR	54	LR	1.5
19 M06-2916008	2	HR	77	NR	1.6

\*\* rep data too variable to rate

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Summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed			
		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank							
<b>1 Sheyenne</b>		42.6	8	45.3	2	6	4	5	6	6	34.4	18.6
<b>2 MN1410</b>		42.0	11	49.3	1	6	1.6	31	1.2	17.7	36.4	18.4
<b>3 Surge</b>		39.5	15	41.4	7	3	1.4	28	1.4	19.0	36.3	18.5
<b>4 MN0095</b>		39.3	16	28.4	19	-4	1.2	25	2.0	14.0	35.6	18.8
<b>5 MN0606CN</b>		43.5	5	39.2	12	5	2.0	29	1.3	15.8	35.6	18.5
<b>6 M03-149100</b>		40.3	13	36.9	17	-4	1.8	28	1.7	14.4	33.7	19.5
<b>7 M04-212034</b>		42.7	7	34.5	18	4	1.8	29	1.3	15.2	34.3	19.3
<b>8 M04-212108</b>		42.1	10	37.8	16	2	1.8	29	1.2	15.0	35.2	18.5
<b>9 M05-353163</b>		41.9	12	42.2	5	0	2.0	31	1.7	15.3	37.0	17.7
<b>10 M05-363022</b>		48.1	1	41.7	6	2	1.2	28	1.3	16.8	35.4	18.4
<b>11 M06-274203</b>		39.0	17	38.1	15	1	1.6	28	1.4	16.3	36.2	18.2
<b>12 M06-274247</b>		43.9	3	41.3	9	3	2.4	29	1.6	15.3	36.3	18.3
<b>13 M06-278043</b>		40.3	13	39.5	11	1	2.1	30	1.5	15.1	35.3	18.5
<b>14 M06-286195</b>		42.3	9	38.9	13	0	1.6	30	1.4	16.0	36.2	18.2
<b>15 M06-288033</b>		43.7	4	38.6	14	3	1.6	26	1.6	15.5	34.6	18.9
<b>16 M06-289212</b>		43.1	6	42.3	4	3	1.4	28	1.4	15.7	36.4	17.9
<b>17 M06-289237</b>		44.4	2	41.4	7	1	2.1	30	1.3	14.9	36.9	17.8
<b>18 M06-289264</b>		38.9	18	42.5	3	2	1.6	29	1.2	15.3	35.9	18.2
<b>19 M06-2916008</b>		37.5	19	40.1	10	0	2.0	30	1.7	14.3	35.0	18.5

2 year summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed			
		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank							
<b>1 Sheyenne</b>		44.3	2	51.4	2	13	10	9	12	12	34.3	18.5
<b>2 MN1410</b>		43.2	4	55.3	1	6	1.5	33	1.2	17.4	35.8	18.3
<b>3 Surge</b>		41.1	8	46.5	4	2	1.3	28	1.4	19.3	36.1	18.3
<b>4 MN0095</b>		40.7	9	35.4	9	-5	1.1	26	1.7	13.7	35.2	18.7
<b>5 MN0606CN</b>		42.3	6	44.7	6	3	1.7	29	1.5	15.6	35.2	18.3
<b>6 M03-149100</b>		41.6	7	40.8	7	-4	1.9	29	1.5	14.4	33.7	19.2
<b>7 M04-212034</b>		43.5	3	40.8	7	3	1.6	30	1.2	14.7	34.2	18.8
<b>9 M05-353163</b>		42.7	5	45.6	5	-1	1.8	33	1.5	14.7	36.8	17.4
<b>10 M05-363022</b>		48.3	1	49.2	3	2	1.2	29	1.3	16.9	35.2	18.2

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## Yield (bu/a)

SCN HG Type	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	I	2.5.7	2.5.7	NI	NI	NI
Strain						
<b>1 Sheyenne</b>	53.5	42.7	31.5	33.3	64.6	37.9
<b>2 MN1410</b>	50.3	42.1	33.7	42.5	74.0	31.5
<b>3 Surge</b>	46.0	37.1	35.5	31.4	57.4	35.5
<b>4 MN0095</b>	47.9	36.8	33.3	27.0	40.0	18.3
<b>5 MN0606CN</b>	54.6	39.1	36.8	30.6	56.9	30.1
<b>6 M03-149100</b>	49.0	36.1	35.9	34.5	48.3	27.9
<b>7 M04-212034</b>	51.8	36.7	39.7	30.3	56.4	16.7
<b>8 M04-212108</b>	48.1	38.9	39.4	31.9	62.9	18.5
<b>9 M05-353163</b>	49.0	36.9	39.8	37.0	58.1	31.4
<b>10 M05-363022</b>	52.5	46.8	45.0	33.9	55.8	35.3
<b>11 M06-274203</b>	45.2	34.4	37.4	30.8	53.2	30.3
<b>12 M06-274247</b>	51.0	41.5	39.2	36.7	58.9	28.4
<b>13 M06-278043</b>	47.4	37.8	35.6	29.1	52.8	36.5
<b>14 M06-286195</b>	44.0	43.1	39.8	31.5	61.7	23.4
<b>15 M06-288033</b>	55.2	45.0	30.9	36.0	55.1	24.8
<b>16 M06-289212</b>	51.9	39.0	38.5	35.6	57.9	33.4
<b>17 M06-289237</b>	54.3	43.5	35.5	33.0	57.4	33.9
<b>18 M06-289264</b>	48.8	37.3	30.6	37.0	59.5	31.1
<b>19 M06-2916008</b>	48.5	36.4	27.5	37.2	57.1	25.9
Average	49.9	39.5	36.1	33.6	57.3	29.0
LSD(.05)	8.5	7.4	6.1	4.0	7.8	5.0
C.V. %	10.3	11.2	10.3	9.0	7.4	9.4
Replications	3	3	3	3	3	3
Row width (in.)	30	30	30	18	14	14

## Yield (rank)

SCN HG Type	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	I	2.5.7	2.5.7	NI	NI	NI
Strain						
<b>1 Sheyenne</b>	4	5	16	10	2	1
<b>2 MN1410</b>	9	6	14	1	1	7
<b>3 Surge</b>	17	13	12	14	9	3
<b>4 MN0095</b>	15	15	15	19	19	18
<b>5 MN0606CN</b>	2	8	9	16	12	11
<b>6 M03-149100</b>	10	18	10	8	18	13
<b>7 M04-212034</b>	7	16	4	17	13	19
<b>8 M04-212108</b>	14	10	5	12	3	17
<b>9 M05-353163</b>	10	14	2	4	7	8
<b>10 M05-363022</b>	5	1	1	9	14	4
<b>11 M06-274203</b>	18	19	8	15	16	10
<b>12 M06-274247</b>	8	7	6	5	6	12
<b>13 M06-278043</b>	16	11	11	18	17	2
<b>14 M06-286195</b>	19	4	2	13	4	16
<b>15 M06-288033</b>	1	2	17	6	15	15
<b>16 M06-289212</b>	6	9	7	7	8	6
<b>17 M06-289237</b>	3	3	12	11	9	5
<b>18 M06-289264</b>	12	12	18	3	5	9
<b>19 M06-2916008</b>	13	17	19	2	11	14

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**Maturity**

Strain	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	SCN HG Type	I	2.5.7	2.5.7	NI	NI
1 Sheyenne	9/15	9/5	9/8	9/10	9/14	9/05
2 MN1410	8	4	4	12	6	2
3 Surge	2	2	3	6	1	1
4 MN0095	-6	-3	-4	-6	-6	0
5 MN0606CN	0	9	3	9	1	7
6 M03-149100	-4	-2	5	-8	-9	-3
7 M04-212034	2	6	4	9	-1	5
8 M04-212108	0	4	-1	6	2	3
9 M05-353163	2	-1	4	-2	-6	2
10 M05-363022	3	1	5	1	-2	4
11 M06-274203	2	0	3	0	-5	3
12 M06-274247	0	7	7	3	-3	3
13 M06-278043	4	-1	3	0	-4	1
14 M06-286195	0	1	-1	1	-3	2
15 M06-288033	1	3	7	5	-1	3
16 M06-289212	1	-1	7	6	2	3
17 M06-289237	0	-1	5	3	-4	2
18 M06-289264	0	4	4	0	-2	6
19 M06-2916008	4	2	-1	-1	-3	1
Planted	5/21	5/18	6/01	5/19	5/14	5/23

**Lodging (score)**

Strain	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	SCN HG Type	I	2.5.7	2.5.7	NI	NI
1 Sheyenne	2.0	1.0	2.0		1.0	1.0
2 MN1410	3.0	1.0	2.0		1.0	1.0
3 Surge	1.0	2.0	2.0		1.0	1.0
4 MN0095	1.0	1.0	2.0		1.0	1.0
5 MN0606CN	3.0	2.0	3.0		1.0	1.0
6 M03-149100	2.0	3.0	2.0		1.0	1.0
7 M04-212034	3.0	2.0	2.0		1.0	1.2
8 M04-212108	3.0	2.0	2.0		1.0	1.0
9 M05-353163	3.0	2.0	3.0		1.0	1.0
10 M05-363022	2.0	1.0	1.0		1.0	1.0
11 M06-274203	3.0	1.0	2.0		1.2	1.0
12 M06-274247	4.0	2.0	4.0		1.2	1.0
13 M06-278043	2.0	3.0	3.0		1.3	1.3
14 M06-286195	2.0	1.0	3.0		1.0	1.0
15 M06-288033	3.0	1.0	2.0		1.0	1.0
16 M06-289212	2.0	1.0	2.0		1.0	1.0
17 M06-289237	3.0	2.0	3.0		1.3	1.0
18 M06-289264	2.0	2.0	2.0		1.0	1.0
19 M06-2916008	4.0	1.0	3.0		1.1	1.0

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## Height (inches)

Strain	Height (inches)					
	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
SCN HG Type	I	2.5.7	2.5.7	NI	NI	NI
<b>1 Sheyenne</b>		37	37	19	29	26
<b>2 MN1410</b>		35	38	20	32	28
<b>3 Surge</b>		31	38	18	28	23
<b>4 MN0095</b>		28	38	15	21	21
<b>5 MN0606CN</b>		34	37	18	29	25
<b>6 M03-149100</b>		30	38	21	29	22
<b>7 M04-212034</b>		33	40	19	26	25
<b>8 M04-212108</b>		33	37	20	29	25
<b>9 M05-353163</b>		39	39	20	30	26
<b>10 M05-363022</b>		33	36	17	29	24
<b>11 M06-274203</b>		35	32	18	29	24
<b>12 M06-274247</b>		35	36	19	29	24
<b>13 M06-278043</b>		36	35	22	29	29
<b>14 M06-286195</b>		37	34	20	32	25
<b>15 M06-288033</b>		29	38	16	23	22
<b>16 M06-289212</b>		25	37	21	31	27
<b>17 M06-289237</b>		35	36	20	32	26
<b>18 M06-289264</b>		34	38	17	31	24
<b>19 M06-2916008</b>		36	36	21	33	23

## Seed Quality (score)

Strain	Seed Quality (score)					
	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
SCN HG Type	I	2.5.7	2.5.7	NI	NI	NI
<b>1 Sheyenne</b>	1.0	1.0	1.0	2.0	1.5	3.5
<b>2 MN1410</b>	1.0	1.0	1.0	1.3	1.5	1.5
<b>3 Surge</b>	1.0	1.0	1.0	2.0	1.5	2.0
<b>4 MN0095</b>	2.0	1.0	1.0	1.7	1.5	4.5
<b>5 MN0606CN</b>	1.0	1.0	1.0	1.7	1.5	1.5
<b>6 M03-149100</b>	2.0	1.0	1.0	2.0	1.5	2.5
<b>7 M04-212034</b>	1.0	1.0	1.0	1.7	1.5	1.5
<b>8 M04-212108</b>	1.0	1.0	1.0	1.3	1.5	1.5
<b>9 M05-353163</b>	3.0	1.0	1.0	2.0	1.5	1.5
<b>10 M05-363022</b>	1.0	1.0	1.0	1.3	1.5	2.0
<b>11 M06-274203</b>	1.0	1.0	1.0	1.3	1.5	2.5
<b>12 M06-274247</b>	2.0	1.0	1.0	2.0	1.5	2.0
<b>13 M06-278043</b>	1.0	1.0	1.0	2.3	1.5	2.0
<b>14 M06-286195</b>	1.0	1.0	1.0	1.3	1.5	2.5
<b>15 M06-288033</b>	2.0	1.0	1.0	2.0	1.5	2.0
<b>16 M06-289212</b>	1.0	1.0	1.0	1.0	1.5	3.0
<b>17 M06-289237</b>	1.0	1.0	1.0	1.0	1.5	2.0
<b>18 M06-289264</b>	1.0	1.0	1.0	1.0	1.5	1.5
<b>19 M06-2916008</b>	2.0	1.0	2.0	1.3	1.5	2.5

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## Seed Weight (g/100)

SCN HG Type	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	I	2.5.7	2.5.7	NI	NI	NI
Strain						
1 Sheyenne	16.6	13.5	14.1	18.9	18.4	16.0
2 MN1410	17.6	13.3	13.5	22.7	19.2	20.0
3 Surge	18.4	15.6	16.6	23.3	21.4	18.7
4 MN0095	14.1	11.8	13.8	14.7	16.5	12.8
5 MN0606CN	14.4	12.6	13.4	19.8	16.6	17.8
6 M03-149100	13.0	10.9	12.7	18.3	16.3	15.1
7 M04-212034	14.7	12.7	13.2	20.2	16.0	14.5
8 M04-212108	14.0	12.6	12.7	19.2	16.8	14.6
9 M05-353163	14.9	12.4	13.9	18.2	16.5	15.8
10 M05-363022	17.3	14.7	14.1	19.7	17.7	17.5
11 M06-274203	16.2	13.2	14.9	20.1	17.1	16.3
12 M06-274247	15.2	12.6	12.3	18.4	16.9	16.5
13 M06-278043	15.2	12.5	12.4	18.8	16.0	15.9
14 M06-286195	15.7	12.7	13.7	19.5	17.4	17.2
15 M06-288033	15.6	12.4	12.3	19.1	16.7	16.7
16 M06-289212	15.7	12.2	13.8	18.6	16.0	18.1
17 M06-289237	14.8	11.7	13.0	19.6	15.1	15.1
18 M06-289264	14.4	12.8	13.5	19.2	16.2	15.9
19 M06-2916008	14.5	11.9	12.1	18.1	15.2	13.9

## Protein (%)

SCN HG Type	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	I	2.5.7	2.5.7	NI	NI	NI
Strain						
1 Sheyenne	33.0	33.8	34.3	35.2	32.6	37.3
2 MN1410	35.1	36.6	37.7	36.8	34.6	37.4
3 Surge	34.3	37.1	37.5	37.3	34.1	37.8
4 MN0095	33.4	35.3	35.9	35.1	36.0	37.8
5 MN0606CN	34.1	35.8	35.3	36.0	34.7	37.7
6 M03-149100	31.5	33.1	32.9	34.7	33.9	35.8
7 M04-212034	32.4	32.9	35.2	33.8	34.5	36.7
8 M04-212108	33.5	34.8	34.6	36.3	35.1	37.1
9 M05-353163	35.4	36.2	37.8	37.7	36.8	38.2
10 M05-363022	34.1	34.6	37.3	35.4	34.0	36.9
11 M06-274203	34.3	34.5	36.4	38.5	35.7	37.8
12 M06-274247	34.3	35.4	37.0	36.6	36.1	38.3
13 M06-278043	34.7	34.0	34.9	36.1	33.8	38.1
14 M06-286195	34.8	34.9	37.2	38.1	34.7	37.7
15 M06-288033	35.3	33.7	34.3	33.8	32.8	37.5
16 M06-289212	34.6	35.2	36.6	37.4	36.1	38.5
17 M06-289237	36.1	35.9	37.6	37.7	35.7	38.6
18 M06-289264	35.1	34.9	36.1	36.5	35.3	37.4
19 M06-2916008	33.5	34.1	35.9	35.7	33.8	37.1

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## Oil (%)

SCN HG Type	Davners	Gaylord	Rosemount	Ottawa	St. Pauls	Woodstock
	MN	MN	MN	ON	ON	ON
	I	2.5.7	2.5.7	NI	NI	NI
Strain						
<b>1 Sheyenne</b>	18.5	18.9	18.5	19.0	18.4	18.5
<b>2 MN1410</b>	18.1	18.4	17.4	19.0	18.8	18.5
<b>3 Surge</b>	18.6	18.1	17.8	18.9	19.1	18.8
<b>4 MN0095</b>	19.8	19.0	18.3	19.4	18.1	18.0
<b>5 MN0606CN</b>	18.6	17.9	18.2	18.9	18.6	18.5
<b>6 M03-149100</b>	19.8	19.6	19.6	19.5	18.7	19.6
<b>7 M04-212034</b>	19.3	20.1	18.4	20.2	19.1	19.0
<b>8 M04-212108</b>	18.4	18.8	18.5	18.6	18.4	18.4
<b>9 M05-353163</b>	17.8	18.2	17.1	17.7	17.2	18.3
<b>10 M05-363022</b>	18.1	19.0	17.1	19.1	18.4	19.0
<b>11 M06-274203</b>	18.3	18.9	18.4	17.6	18.1	18.2
<b>12 M06-274247</b>	18.9	18.6	17.6	18.3	17.8	18.7
<b>13 M06-278043</b>	18.1	18.9	18.3	18.5	18.7	18.6
<b>14 M06-286195</b>	17.8	18.9	17.6	17.5	18.2	19.0
<b>15 M06-288033</b>	17.9	19.6	18.5	19.8	18.9	18.9
<b>16 M06-289212</b>	18.2	18.5	17.4	17.9	17.4	18.2
<b>17 M06-289237</b>	17.8	18.1	17.5	17.6	17.7	17.9
<b>18 M06-289264</b>	17.8	18.5	17.8	18.3	18.1	18.7
<b>19 M06-2916008</b>	18.1	18.8	17.8	18.8	18.8	18.8