

2016 SCN UNIFORM TEST 00

Strain	FPhlm	Parentage	Previous testing	Gen. Comp.	SCN res source	Traits
1 MN0071 (00)	PTbr	Harmony x OT92-8	2	F5	none	Rps1
2 Henson	PTbl	ND03-5672 x Hamlin	1	F4	none	Rps6
3 MN0095	PGibl	M92-270029 x M93-313135	2	F5	none	Rps1
4 MN0208CN	WTy	MN0902CN X MN0201	2	F5	PI 88788	Rps1a
5 M07-292111	WTgr	M01-315029 x MN1106CN	1	F5	PI 88788	
6 M08-359176	WTy	M02-391112 x MN1701CN	2	F5	PI 88788,209332	
7 ND13-5619	P+WLTbf	M01-213045 x [Ashtabula x Sheyenne]	New	F4	PI 88788	
8 ND13-7727	WGY	MN03-7556 x ND06-25513	New	F4	PI 88788	Rps6
9 ND13-7968	PGbf	ND06-25513 x ND03-5441	New	F4	PI 88788	Rps6

Entry	IL SCN screening				MN IDC
	HG 0		HG 2.5.7		Danvers
	Fl	rating	Fl	rating	score
1 MN0071 (00)	60	NR	63	NR	2.3
2 Henson	73	NR	66	NR	1.5
3 MN0095	35	MR	71	NR	1.0
4 MN0208CN	11	R	57	LR	1.5
5 M07-292111	11	R	69	NR	1.3
6 M08-359176	20	R	70	NR	1.0
7 ND13-5619	79	NR	61	NR	2.0
8 ND13-7727	85	NR	78	NR	1.3
9 ND13-7968	19	R	46	LR	1.0

**rep data too variable to rate

Ave. 1.4
LSD 1.1

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2016 Summary

Entry	Locations	Yield						Maturity date	Lodging score	Height in.	Seed			
		All		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank	bu/a	rank							
		4		3		1		4	4	4	3	3	3	3
1 MN0071 (00)		25.8	9	25.3	9	27.1	8	9/03	1.3	24	1.8	15.5	35.8	19.1
2 Henson		39.7	7	44.4	6	25.7	9	7	1.2	24	1.9	16.9	35.2	19.1
3 MN0095		45.5	5	50.8	5	30.2	6	7	1.1	23	1.7	13.9	35.7	18.9
4 MN0208CN		53.6	1	61.6	1	30.4	5	14	1.2	27	1.7	14.0	37.5	18.0
5 M07-292111		51.6	3	56.9	4	35.6	1	13	1.0	27	1.9	13.6	36.2	18.5
6 M08-359176		51.7	2	58.8	2	31.2	3	12	1.2	27	1.9	15.8	36.8	17.9
7 ND13-5619		39.4	8	42.4	8	30.5	4	10	1.2	26	2.0	15.1	35.3	18.1
8 ND13-7727		40.9	6	43.4	7	33.6	2	9	1.3	29	1.9	15.3	35.3	18.0
9 ND13-7968		51.0	4	58.4	3	28.8	7	9	1.3	30	1.8	14.6	34.5	19.8
Mean		44.4		49.1		30.3		11.8	1.2	26.3	1.9	15.0	35.8	18.6
LSD(.05)		4.7		5.8		5.9		1.2	0.1	1.5				
C.V. %		12.9		12.5		10.8		12.3	12.2	6.1				
Replications		12		9		3		12	12	9				

2 year summary

Entry	Locations	Yield						Maturity date	Lodging score	Height in.	Seed			
		All		Infested		Non-infested					quality score	weight g/100	protein @13%	oil @13%
		bu/a	rank	bu/a	rank	bu/a	rank							
		8		5		3		8	8	6	6	6	6	6
1 MN0071 (00)		27.3	6	25.3	6	30.7	6	9/04	1.3	22.0	1.9	15.6	35.0	19.5
2 Henson		35.1	5	36.3	5	33.3	5	6	1.2	23.2	1.9	16.9	34.6	19.0
3 MN0208CN		45.6	1	50.9	1	36.7	3	6	1.2	22.6	1.7	13.6	35.1	19.2
4 M07-292111		43.2	2	46.3	3	38.1	2	10	1.3	26.4	1.8	14.0	36.8	18.3
5 M08-359176		42.4	3	46.4	2	35.6	4	10	1.1	25.7	1.6	13.7	36.0	18.6
6 MN0095		40.8	4	41.2	4	40.2	1	9	1.3	25.8	2.0	15.5	36.8	18.2

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Yield (bu/a)

SCN HG Type	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
	I	I	0	NI
Strain				
1 MN0071 (00)	9.2	31.3	35.4	24.7
2 Henson	18.9	59.6	47.2	26.4
3 MN0095	34.5	55.4	56.8	32.8
4 MN0208CN	79.4	59.0	53.3	30.4
5 M07-292111	62.3	48.1	60.1	34.2
6 M08-359176	61.9	56.3	57.9	30.2
7 ND13-5619	23.0	57.7	50.8	28.6
8 ND13-7727	23.5	58.1	48.8	30.6
9 ND13-7968	59.0	57.0	59.3	32.8
Average	41.3	53.6	52.2	30.1
LSD(2-sided,.05)	8.4	10.9	6.5	6.0
C.V. %	10.3	11.8	7.8	4.9
Replications	3	3	3	3
Row spacing (in.)	30	30	30	15

Yield (rank)

SCN HG Type	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
	I	I	0	NI
Strain				
1 MN0071 (00)	9	9	9	8
2 Henson	8	1	8	9
3 MN0095	5	7	4	6
4 MN0208CN	1	2	5	5
5 M07-292111	2	8	1	1
6 M08-359176	3	6	3	3
7 ND13-5619	7	4	6	4
8 ND13-7727	6	3	7	2
9 ND13-7968	4	5	2	7

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Maturity

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	9/2	9/9	8/29	8/31
2 Henson	7	0	10	14
3 MN0095	7	0	11	13
4 MN0208CN	7	20	14	17
5 M07-292111	14	13	14	17
6 M08-359176	14	13	14	10
7 ND13-5619	7	7	11	18
8 ND13-7727	7	7	10	18
9 ND13-7968	7	7	10	14
Planted	5/14	5/12	5/7	5/16

Lodging (score)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	1.0	1.0	1.0	2.1
2 Henson	1.0	1.0	1.0	1.6
3 MN0095	1.0	1.0	1.0	1.3
4 MN0208CN	1.0	1.0	1.0	1.7
5 M07-292111	1.0	1.0	1.0	1.0
6 M08-359176	1.0	1.0	1.0	2.0
7 ND13-5619	1.0	1.0	1.0	1.7
8 ND13-7727	1.0	1.0	1.0	2.0
9 ND13-7968	1.0	1.0	1.0	2.0

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Height (inches)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	16	22		31
2 Henson	17	26		31
3 MN0095	17	23		28
4 MN0208CN	23	24		36
5 M07-292111	21	27		31
6 M08-359176	20	25		34
7 ND13-5619	19	27		31
8 ND13-7727	20	32		35
9 ND13-7968	24	31		35

Seed Quality (score)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	1.3	2.0		2.2
2 Henson	1.3	2.0		2.3
3 MN0095	1.3	2.0		1.8
4 MN0208CN	1.0	2.0		2.2
5 M07-292111	1.3	2.0		2.4
6 M08-359176	1.3	2.0		2.5
7 ND13-5619	1.7	2.0		2.4
8 ND13-7727	1.3	2.3		2.0
9 ND13-7968	1.0	2.3		2.0

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Seed Weight (g/100)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	13.7	16.2		16.6
2 Henson	15.9	16.8		18.1
3 MN0095	12.0	14.2		15.5
4 MN0208CN	12.0	13.5		16.5
5 M07-292111	11.4	12.7		16.8
6 M08-359176	13.5	17.1		16.7
7 ND13-5619	13.4	14.8		17.0
8 ND13-7727	13.8	14.8		17.3
9 ND13-7968	12.4	15.3		16.0

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Protein (%)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	35.1	36.8		35.4
2 Henson	35.9	34.6		35.1
3 MN0095	36.2	35.0		35.9
4 MN0208CN	37.1	36.4		39.0
5 M07-292111	36.3	35.5		36.9
6 M08-359176	36.4	36.9		37.0
7 ND13-5619	36.4	33.8		35.5
8 ND13-7727	36.1	34.9		35.0
9 ND13-7968	35.2	34.5		33.7

Oil (%)

	Gary	Downer	Wyndmere	Ottawa
	MN	MN	ND	ON
SCN HG Type	I	I	0	NI
Strain				
1 MN0071 (00)	18.8	18.9		19.5
2 Henson	18.6	19.2		19.4
3 MN0095	18.7	18.8		19.2
4 MN0208CN	17.8	18.0		18.2
5 M07-292111	18.9	18.5		18.0
6 M08-359176	17.7	17.6		18.4
7 ND13-5619	17.4	18.0		19.0
8 ND13-7727	17.6	17.3		19.3
9 ND13-7968	19.3	19.7		20.3