

2014 SCN UNIFORM TEST 00

Strain	FPhlm	Parentage	Previous testing	Gen. Comp.	SCN res source	Traits
1 MN0071 (00)	PTbr	Harmony x OT92-8	New	F5	none	Rps1
2 Cavalier	P+WTy	Sargent x ND96-1006	New	F4	none	Rps6
3 MN0095	PGibl	M92-270029 x M93-313135	New	F5	none	Rps1
4 MN0208CN	WTy	MN0902CN X MN0201	New	F5	PI 88788	Rps1a
5 M08-357081	PTy	M02-383122 x IA1022	New	F5	PI 88788	
6 M08-359053	PTy	M02-391112 x MN1701CN	New	F5	PI 88788, 209332	
7 M08-359176	WTy	M02-391112 x MN1701CN	New	F5	PI 88788, 209332	
8 M08-362045	P+WLTbl+gr	MN0606CN x U03-100612	New	F5	PI 88788, Peking	
9 M08-427030	P+WGbf	MN0504 x ND04-11603	New	F5	PI 88788	
10 ND10-2993	WGbf	ND04-11329 x ND03-7566	13 SCN P 0	F4	PI 88788	Rps6
11 ND10-4423	PGy	ND03-7566 x [ND03-5441 x LaMoure BC2]	13 SCN P 0	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)	61	NR	122	NR	1.9
2 Cavalier	81	NR	107	NR	1.9
3 MN0095	63	NR	69	NR	1.9
4 MN0208CN	18	R	36	MR	1.8
5 M08-357081	57	LR	122	NR	2.8
6 M08-359053	33	**	67	NR	2.2
7 M08-359176	9	HR	46	LR	2.1
8 M08-362045	2	HR	19	R	1.8
9 M08-427030	80	NR	90	NR	2.2
10 ND10-2993	17	R	65	NR	2.3
11 ND10-4423	56	LR	79	NR	1.9

**rep data too variable to rate

Summary

Entry	Yield							Seed						
	All		Infested		Non-infested		Maturity date	Lodging score	Height in.	quality score	weight g/100	protein @13%	oil @13%	
	bu/a	rank	bu/a	rank	bu/a	rank								
1 MN0071 (00)	Locations	3		2		1		3	1	2	2	2	2	
2 Cavalier		32.9	11	27.3	11	44.3	11	9/11	1.0	25	1.7	14.9	34.8	
3 MN0095		45.9	4	39.6	8	58.6	5	3	1.3	25	1.9	13.6	33.7	
4 MN0208CN		43.5	8	40.1	6	50.4	10	6	1.7	29	1.5	14.4	35.7	
5 M08-357081		49.2	2	43.6	2	60.7	3	11	2.7	27	2.0	16.7	35.9	
6 M08-359053		44.1	7	40.8	4	50.5	9	8	3.3	28	2.0	16.6	34.7	
7 M08-359176		44.4	6	39.9	7	53.6	6	6	1.3	26	2.0	15.8	36.7	
8 M08-362045		51.1	1	44.7	1	64.0	1	16	2.3	28	1.9	16.3	34.9	
9 M08-427030		47.2	3	40.3	5	61.0	2	14	3.0	31	1.5	15.0	34.2	
10 ND10-2993		44.8	5	41.5	3	51.6	8	4	1.0	24	2.0	13.8	33.8	
11 ND10-4423		43.4	9	35.4	9	59.4	4	7	1.3	27	1.5	15.3	34.0	
Mean		44.2		38.7		55.1		7.7	1.8	26.4				
LSD(.05)		5.2		6.5		7.5		2.3	1.1	3.8				
C.V. %		12.6		14.5		5.8		17.0	34.3	12.3				

2014 SCN UNIFORM TEST 00

Yield (bu/a)

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	14.5	40.0	44.3
2 Cavalier	14.9	50.6	51.6
3 MN0095	17.8	61.4	58.6
4 MN0208CN	23.5	56.6	50.4
5 M08-357081	20.1	67.0	60.7
6 M08-359053	18.5	63.1	50.5
7 M08-359176	16.7	63.0	53.6
8 M08-362045	20.2	69.2	64.0
9 M08-427030	19.8	60.8	61.0
10 ND10-2993	21.9	61.0	51.6
11 ND10-4423	16.9	53.9	59.4
Average	18.6	58.8	55.1
LSD(.05)	5.0	8.0	7.5
C.V. %	16.6	8.4	5.8
Replications	3	3	3
Row width (in.)	30	30	8.5

Yield (rank)

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	11	11	11
2 Cavalier	10	10	7
3 MN0095	7	5	5
4 MN0208CN	1	8	10
5 M08-357081	4	2	3
6 M08-359053	6	3	9
7 M08-359176	9	4	6
8 M08-362045	3	1	1
9 M08-427030	5	7	2
10 ND10-2993	2	6	8
11 ND10-4423	8	9	4

Maturity

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	9/20	9/10	9/03
2 Cavalier	-2	3	4
3 MN0095	-2	5	7
4 MN0208CN	5	7	7
5 M08-357081	11	11	11
6 M08-359053	3	14	8
7 M08-359176	3	6	8
8 M08-362045	11	17	19
9 M08-427030	9	16	16
10 ND10-2993	3	4	6
11 ND10-4423	5	0	17
Planted	6/14	5/30	5/21

2014 SCN UNIFORM TEST 00

Lodging (score)

SCN HG Type	Gary		Wyndmere		Ottawa
	MN	ND	ND	ON	ON
	7		2.5.7		NI
Strain					
1 MN0071 (00)					1.0
2 Cavalier					1.0
3 MN0095					1.3
4 MN0208CN					1.7
5 M08-357081					2.7
6 M08-359053					3.3
7 M08-359176					1.3
8 M08-362045					2.3
9 M08-427030					3.0
10 ND10-2993					1.0
11 ND10-4423					1.3

Height (inches)

SCN HG Type	Gary		Wyndmere		Ottawa
	MN	ND	ND	ON	ON
	7		2.5.7		NI
Strain					
1 MN0071 (00)	18				31
2 Cavalier	17				32
3 MN0095	16				33
4 MN0208CN	22				35
5 M08-357081	22				31
6 M08-359053	19				36
7 M08-359176	17				35
8 M08-362045	23				32
9 M08-427030	23				39
10 ND10-2993	19				29
11 ND10-4423	19				35

Seed Quality (score)

SCN HG Type	Gary		Wyndmere		Ottawa
	MN	ND	ND	ON	ON
	7		2.5.7		NI
Strain					
1 MN0071 (00)	2.0				1.3
2 Cavalier	1.0				1.0
3 MN0095	2.0				1.7
4 MN0208CN	1.0				2.0
5 M08-357081	2.0				2.0
6 M08-359053	2.0				2.0
7 M08-359176	2.0				2.0
8 M08-362045	2.0				1.7
9 M08-427030	1.0				2.0
10 ND10-2993	2.0				2.0
11 ND10-4423	1.0				2.0

2014 SCN UNIFORM TEST 00

Seed Weight (g/100)

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	12.8		17.0
2 Cavalier	14.6		20.8
3 MN0095	11.6		15.6
4 MN0208CN	12.2		16.6
5 M08-357081	13.6		19.8
6 M08-359053	14.0		19.1
7 M08-359176	13.8		17.8
8 M08-362045	13.4		19.2
9 M08-427030	12.4		17.5
10 ND10-2993	11.5		16.0
11 ND10-4423	12.5		18.0

Protein (%)

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	36.6		33.0
2 Cavalier	34.2		34.6
3 MN0095	35.1		32.2
4 MN0208CN	35.7		35.7
5 M08-357081	35.8		35.9
6 M08-359053	34.1		35.3
7 M08-359176	35.7		37.7
8 M08-362045	35.4		34.4
9 M08-427030	35.0		33.4
10 ND10-2993	34.4		33.1
11 ND10-4423	33.5		34.4

Oil (%)

SCN HG Type	Gary	Wyndmere	Ottawa
	MN	ND	ON
	7	2.5.7	NI
Strain			
1 MN0071 (00)	16.1		17.7
2 Cavalier	16.6		16.3
3 MN0095	16.0		17.1
4 MN0208CN	15.9		18.2
5 M08-357081	15.9		16.1
6 M08-359053	17.2		16.1
7 M08-359176	15.9		16.2
8 M08-362045	16.0		17.2
9 M08-427030	16.6		16.9
10 ND10-2993	16.6		17.9
11 ND10-4423	16.8		17.0