

2021 SCN UNIFORM 0

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits	SCN Resistance source
1 ND Dickey (0)	PGy	Pioneer 91M10 x Sheyenne	2	F4		None
2 MN0095	PGibl	M92-270029 x M93-313135	10	F5	Rps1	None
3 MN0404CN (SCN)	PTbl	MN0902CN x MN0304	3	F5	Rps1k	PI 88788
4 MN1410	WGbfb	Unknown	15	F5		None
5 M08-362045L	WLTbl	MN0606CN x U03-100612	2	F5		PI 88788
6 M13-118036	P+WG+Ty	M06-288155 x U09-118017	2	F5		PI 88788
7 M13-250056	WGbfb	M06-288190 x AR09-191018	2	F5		PI 88788
8 M13-257047	PGy	M07-209037 x LD08-12441a	20SCN U00	F5		PI 88788
9 M15-221040	PGbfb	ND10-2993 x M07-292111	New	F5		PI 88788
10 M14-224050	PTbl	MN1410 x PI447003A	1	F5	Diversity	PI 88788
11 M15-108094	WGy	M04-239147 x ND10-3330	New	F5	APHIDCN	PI 88788
12 M15-115050	WTbr/bl	MN0606CN x AR13-232106	New	F5	BSRCN	PI 88788
13 M15-179021	PGy	ND10-3427 x M08-609011	New	F5	IDC-SCN	PI 88788
14 M15-180032	WTy	ND10-3608 x M06-289001	New	F5	IDC-SCN	PI 88788
15 M15-220021	WGy	ND10-2993 x M07-292111	New	F5		PI 88788
16 M15-220055	P+WTy/gr	ND10-2993 x M07-292111	New	F5		PI 88788
17 M15-221032	PGy	ND10-3464 x M07-296048	New	F5		PI 88788
18 ND16-8821	PGbfb	Sheyenne x ND10-3600	New	F5		PI 88788
19 ND17-20565	WGy	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
20 ND17-20754	P+WGy	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
21 ND17-21922	P+WGy	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
22 ND17-21929	PGbfb	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
23 ND17-22117	WGbfb	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
24 ND17-22120	PGy	ND10-3610 x Pioneer 91M10	New	F5		PI 88788
25 OAC 19-05C-SCN	WMgr	OAC Prescott x M05-363022	New	F4		PI 88788

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Entry	IL SCN screening										MN
	cyst counts			HG 0		cyst counts			HG 2.5.7		IDC
	rep1	rep2	rep3	FI	rating	rep1	rep2	rep3	FI	rating	score
1 ND Dickey (0)	No data available					391	194	279	106	NR	1.0
2 MN0095	No data available					162	172	268	74	NR	1.0
3 MN0404CN (SCN)	No data available					276	33*	201	91	NR	2.0
4 MN1410	No data available					201	268	275	88	NR	3.0
5 M08-362045L	No data available					161	176	166	62	NR	1.0
6 M13-118036	No data available					71	78	124	33	MR	2.0
7 M13-250056	No data available					31	9	26	8	HR	1.0
8 M13-257047	No data available					209	190	201	74	NR	1.0
9 M15-221040	No data available					110	151	200	57	LR	2.0
10 M14-224050	No data available					170	172	206	67	NR	2.0
11 M15-108094	No data available					199	236	266	86	NR	2.0
12 M15-115050	No data available					197	118	170	60	NR	1.0
13 M15-179021	No data available					128	148	207	59	LR	1.0
14 M15-180032	No data available					191	102	128	52	LR	1.0
15 M15-220021	No data available					163	138	257	68	NR	1.0
16 M15-220055	No data available					163	141	149	56	LR	1.0
17 M15-221032	No data available					116	105	191	51	LR	1.0
18 ND16-8821	No data available					274	258	259	97	NR	1.0
19 ND17-20565	No data available					204	304	178	84	NR	3.0
20 ND17-20754	No data available					168	170	274	75	NR	1.0
21 ND17-21922	No data available					242	167	120	65	NR	1.0
22 ND17-21929	No data available					158	216	266	79	NR	1.0
23 ND17-22117	No data available					260	147	136	67	NR	1.0
24 ND17-22120	No data available					198	199	253	80	NR	1.0
25 OAC 19-05C-SCN	No data available					179	95	101	46	LR	2.0

(*)=small root, (.)=missing sample, (**)=rep data too variable to rate

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Predicted resistance genes based on SNP marker analysis						
Entry	SCN	Iron Chlorosis	Phytophthora	Brown stem rot	Frogeye leaf spot	Stem canker
1 ND Dickey (0)	no marker data available					
2 MN0095	no marker data available					
3 MN0404CN (SCN)	no marker data available					
4 MN1410	no marker data available					
5 M08-362045L	Rhg1-PI88788	LgN+Ch13	none	R	S	R
6 M13-118036	no marker data available					
7 M13-250056	no marker data available					
8 M13-257047	no marker data available					
9 M15-221040	Rhg1-PI88788	Ch13, Het LgN	Rps6, Het Rps1a	R	S	R
10 M14-224050	no marker data available					
11 M15-108094	Rhg1-PI88788	LgA1+LgN+Ch13	none	S	S	R
12 M15-115050	Het Rhg1-PI88788	LgA1+Ch13	none	Het	S	R
13 M15-179021	none	LgA1+Ch13	Rps1c	S	S	R
14 M15-180032	no data available			.	.	.
15 M15-220021	Rhg1-PI88788	Ch13	none	R	S	R
16 M15-220055	Het Rhg1-PI88788	Ch13, Het LgN	none	Het	S	R
17 M15-221032	Het Rhg1-PI88788	Ch13	Het Rps1k+6	Het	S	R
18 ND16-8821	none	Ch13	Rps1c+Rps6	Het	S	R
19 ND17-20565	Rhg1-PI88788	LgA1+Ch13	Rps6	Het	S	R
20 ND17-20754	Het Rhg1-PI88788	Ch13, Het LgN	Rps6	Het	S	R
21 ND17-21922	none	Ch13	Rps1a, Het Rps6	R	S	R
22 ND17-21929	none	Ch13	Rps6	Het	S	R
23 ND17-22117	Rhg1-PI88788	LgA1+Ch13	none	R	S	R
24 ND17-22120	Rhg1-PI88788	LgA1+Ch13	none	Het	S	R
25 OAC 19-05C-SCN	no marker data available					

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2021 Summary

Entry	Yield						Maturity date	Lodging score	Height in.	Seed			
	All		Infested		Non-infested					weight	quality	protein	oil
	bu/a	rank	bu/a	rank	bu/a	rank				g/100	score	@13%	@13%
Locations	4		2*		2		5	2	2	4	4	5	5
1 ND Dickey (0)	52.0	3	45.0	8	60.1	1	9/17	1.0	32	17.5	1.0	34.5	18.0
2 MN0095	39.5	25	34.6	23	47.3	22	-11	1.2	31	12.6	1.6	35.2	18.9
3 MN0404CN (SCN)	41.6	23	41.1	16	43.7	24	-5	1.4	33	13.7	1.1	34.4	18.7
4 MN1410	44.7	17	35.9	22	55.0	7	5	1.7	36	17.6	1.4	36.1	17.5
5 M08-362045L	47.8	8	44.7	9	52.4	12	-1	1.2	29	14.9	1.4	35.1	18.1
6 M13-118036	51.8	4	46.9	6	57.9	3	1	1.6	32	15.7	1.4	34.8	17.7
7 M13-250056	53.9	1	54.1	1	56.2	5	0	1.2	37	16.3	1.4	34.0	18.7
8 M13-257047	45.6	14	42.5	14	51.2	17	-6	1.0	36	16.8	1.9	35.5	18.7
9 M15-221040	44.4	19	40.8	17	49.7	21	-5	1.4	32	14.2	1.4	35.6	18.3
10 M14-224050	45.7	13	42.6	13	50.9	18	-3	1.0	30	15.1	1.4	34.3	19.4
11 M15-108094	47.6	9	44.2	10	51.6	15	0	1.2	35	16.0	1.4	34.4	18.4
12 M15-115050	51.4	5	50.5	3	53.7	11	5	1.0	29	16.8	1.4	34.8	18.3
13 M15-179021	47.5	10	39.4	20	56.7	4	-2	1.0	38	16.1	1.9	34.7	18.8
14 M15-180032	48.4	7	48.0	5	52.0	14	6	1.5	40	17.6	1.1	36.4	16.9
15 M15-220021	46.2	12	43.6	11	51.3	16	-6	1.2	32	12.8	1.1	34.9	19.1
16 M15-220055	42.6	22	45.0	7	43.6	25	-5	1.1	31	13.5	1.4	35.7	18.7
17 M15-221032	44.5	18	41.6	15	49.9	20	-1	1.0	26	13.1	1.6	35.4	18.3
18 ND16-8821	45.5	15	36.7	21	55.9	6	-3	1.0	31	13.7	1.6	34.2	18.9
19 ND17-20565	43.0	21	42.9	12	47.2	23	2	1.5	31	16.9	1.1	35.1	18.5
20 ND17-20754	45.2	16	39.8	19	52.2	13	-4	1.0	26	14.2	1.1	34.2	18.8
21 ND17-21922	39.7	24	28.2	25	54.9	8	-8	1.0	29	15.7	1.4	35.4	18.5
22 ND17-21929	43.4	20	34.6	24	54.4	10	-3	1.5	34	14.9	2.1	35.9	17.9
23 ND17-22117	50.0	6	52.8	2	50.4	19	0	1.1	31	13.5	1.4	34.5	19.2
24 ND17-22120	53.1	2	50.4	4	58.6	2	-3	1.1	33	15.5	1.4	34.2	19.4
25 OAC 19-05C-SCN	47.4	11	40.1	18	54.4	9	-1	1.2	34	15.7	1.4	35.2	18.2
Mean	46.5		42.6		52.5		-1.9	1.2	32.2	15.2	1.4	35.0	18.5
C.V. %	12.1		11.3		10.1		14.0						
LSD(2-sided,.05)	4.5		5.6		6.1		2.3						
Replications	12		6		6								

*Crookston, MN and Prosper, ND yield data not included in overall means due to high CV.

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2 Year Summary

Entry	Yield						Maturity date	Lodging score	Height in.	Seed			
	All		Infested		Non-infested					weight	quality	protein	oil
	bu/a	rank	bu/a	rank	bu/a	rank				g/100	score	@13%	@13%
Locations	9		4		5		9	5	4	7	7	9	9
1 ND Dickey (0)	51.3	3	49.9	5	56.6	1	9/20	1.2	31	16.7	1.1	34.9	17.7
2 MN0095	43.6	6	41.2	6	48.3	7	-9	5.3	27	13.1	1.6	35.2	18.7
3 MN0404CN (SCN)	40.4	8	40.8	8	42.3	8	-5	1.5	30	13.8	1.2	34.5	18.5
4 MN1410	43.2	7	41.0	7	50.0	5	4	4.9	34	16.0	1.4	35.7	17.6
5 M08-362045L	49.0	5	51.0	3	50.2	4	0	1.2	28	14.5	1.4	34.8	18.0
6 M13-118036	51.9	2	53.5	2	52.5	3	1	5.8	31	14.5	1.4	34.7	17.6
7 M13-250056	53.1	1	54.7	1	53.2	2	1	1.2	34	15.5	1.3	33.7	18.4
10 M14-224050	49.6	4	51.0	4	49.9	6	-2	5.0	28	14.9	1.4	34.4	19.2
Mean	47.8		47.9		50.4		-1.4	3.3	30.2	14.9	1.4	34.7	18.2

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SCN HG Type	Yield (bu/a)					
	Thief River					
	Crookston MN Inf	Falls MN Inf	Colfax ND Inf	Prosper ND Inf	Moorhead MN NI	Elora ON NI
Strain						
1 ND Dickey (0)	22.3	38.8	51.1	26.5	54.4	65.9
2 MN0095	18.0	26.4	42.8	22.7	41.3	53.4
3 MN0404CN (SCN)	17.7	26.6	55.6	28.9	44.6	42.8
4 MN1410	21.3	34.9	36.9	14.1	48.2	61.9
5 M08-362045L	20.3	29.9	59.5	30.4	42.1	62.6
6 M13-118036	30.4	33.4	60.5	40.5	53.2	62.5
7 M13-250056	22.3	32.6	75.6	46.4	48.6	63.8
8 M13-257047	23.3	29.7	55.4	30.7	45.9	56.5
9 M15-221040	16.7	27.0	54.5	37.7	49.7	49.8
10 M14-224050	20.1	28.8	56.5	33.9	48.5	53.3
11 M15-108094	19.9	26.8	61.6	33.7	45.0	58.3
12 M15-115050	19.3	32.3	68.6	49.0	50.3	57.2
13 M15-179021	25.5	30.5	48.2	17.7	47.9	65.5
14 M15-180032	25.4	31.5	64.5	24.8	48.5	55.5
15 M15-220021	18.2	24.5	62.7	39.4	50.2	52.5
16 M15-220055	13.2	27.5	62.6	38.7	39.0	48.3
17 M15-221032	18.2	22.7	60.4	31.1	50.0	49.9
18 ND16-8821	23.9	28.9	44.5	28.1	48.8	62.9
19 ND17-20565	21.0	31.1	54.8	31.2	44.5	49.9
20 ND17-20754	16.3	27.3	52.3	22.7	48.6	55.9
21 ND17-21922	20.8	26.6	29.9	17.7	54.7	55.1
22 ND17-21929	11.3	25.9	43.3	23.3	54.2	54.6
23 ND17-22117	15.8	32.8	72.9	45.4	46.9	54.0
24 ND17-22120	19.4	30.0	70.7	40.2	51.7	65.4
25 OAC 19-05C-SCN	18.5	24.3	55.8	38.3	50.9	57.9
Mean	20.0	29.2	56.0	31.7	48.3	56.6
C.V. %	19.3	13.6	15.5	25.9	11.4	8.1
LSD(2-sided,.05)	6.1	8.0	14.3	11.3	9.0	7.5
Replications	3	3	3	3	3	3
Row spacing (in.)	7	30	30	30	30	13

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SCN HG Type	Yield (rank)					
	Thief River					
	Crookston MN Inf	Falls MN Inf	Colfax ND Inf	Prosper ND Inf	Moorhead MN NI	Elora ON NI
Strain						
1 ND Dickey (0)	7	1	19	18	2	1
2 MN0095	19	21	23	22	24	18
3 MN0404CN (SCN)	20	20	14	16	21	25
4 MN1410	8	2	24	25	16	8
5 M08-362045L	11	11	11	15	23	6
6 M13-118036	1	3	9	4	4	7
7 M13-250056	6	5	1	2	12	4
8 M13-257047	5	12	15	14	19	12
9 M15-221040	21	17	17	9	10	23
10 M14-224050	12	14	12	10	14	19
11 M15-108094	13	18	8	11	20	9
12 M15-115050	15	6	4	1	7	11
13 M15-179021	2	9	20	23	17	2
14 M15-180032	3	7	5	19	15	14
15 M15-220021	17	23	6	6	8	20
16 M15-220055	24	15	7	7	25	24
17 M15-221032	18	25	10	13	9	21
18 ND16-8821	4	13	21	17	11	5
19 ND17-20565	9	8	16	12	22	21
20 ND17-20754	22	16	18	21	13	13
21 ND17-21922	10	19	25	24	1	15
22 ND17-21929	25	22	22	20	3	16
23 ND17-22117	23	4	2	3	18	17
24 ND17-22120	14	10	3	5	5	3
25 OAC 19-05C-SCN	16	24	13	8	6	10

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Maturity

SCN HG Type	Thief River					
	Crookston	Falls	Colfax	Prosper	Moorhead	Elora
	MN	MN	ND	ND	MN	ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	9/15	9/24	9/15	9/14		9/19
2 MN0095	-15	-10	-12	-8		-8
3 MN0404CN (SCN)	-2	-7	-7	-5		-5
4 MN1410	8	1	7	2		8
5 M08-362045L	3	-5	0	1		-1
6 M13-118036	7	-3	2	3		-3
7 M13-250056	3	-3	1	2		-1
8 M13-257047	-8	-7	-6	-3		-4
9 M15-221040	-9	-9	-6	-3		0
10 M14-224050	-2	-7	0	-3		-4
11 M15-108094	-1	-4	3	1		2
12 M15-115050	6	3	7	7		0
13 M15-179021	-3	-2	-2	-4		3
14 M15-180032	7	2	7	6		7
15 M15-220021	-7	-6	-6	-3		-8
16 M15-220055	-3	-6	-6	-4		-7
17 M15-221032	3	-5	0	0		-4
18 ND16-8821	-1	-3	-6	-2		-3
19 ND17-20565	3	-4	3	3		4
20 ND17-20754	-2	-5	-6	-2		-5
21 ND17-21922	-8	-9	-10	-9		-3
22 ND17-21929	-11	-3	-3	-3		4
23 ND17-22117	0	-3	2	-1		3
24 ND17-22120	-4	-5	-3	-2		-1
25 OAC 19-05C-SCN	2	-2	-2	2		-3
Planted	5/18	5/23	5/11	5/17	5/21	5/25

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Lodging (score)

SCN HG Type	Thief River					
	Crookston	Falls	Colfax	Prosper	Moorhead	Elora
	MN	MN	ND	ND	MN	ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	1.0					1.0
2 MN0095	1.0					1.3
3 MN0404CN (SCN)	1.0					1.8
4 MN1410	1.0					2.3
5 M08-362045L	1.0					1.3
6 M13-118036	2.0					1.2
7 M13-250056	1.0					1.3
8 M13-257047	1.0					1.0
9 M15-221040	1.0					1.7
10 M14-224050	1.0					1.0
11 M15-108094	1.0					1.3
12 M15-115050	1.0					1.0
13 M15-179021	1.0					1.0
14 M15-180032	1.3					1.7
15 M15-220021	1.3					1.0
16 M15-220055	1.0					1.2
17 M15-221032	1.0					1.0
18 ND16-8821	1.0					1.0
19 ND17-20565	1.0					2.0
20 ND17-20754	1.0					1.0
21 ND17-21922	1.0					1.0
22 ND17-21929	1.0					2.0
23 ND17-22117	1.0					1.2
24 ND17-22120	1.0					1.2
25 OAC 19-05C-SCN	1.0					1.3

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SCN HG Type	Height (inches)					
	Thief River					
	Crookston MN	Falls MN	Colfax ND	Prosper ND	Moorhead MN	Elora ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	26					38
2 MN0095	25					38
3 MN0404CN (SCN)	27					40
4 MN1410	26					46
5 M08-362045L	21					37
6 M13-118036	29					35
7 M13-250056	28					45
8 M13-257047	31					42
9 M15-221040	20					43
10 M14-224050	24					35
11 M15-108094	27					44
12 M15-115050	23					35
13 M15-179021	33					43
14 M15-180032	33					47
15 M15-220021	27					37
16 M15-220055	25					37
17 M15-221032	22					30
18 ND16-8821	26					35
19 ND17-20565	24					37
20 ND17-20754	22					30
21 ND17-21922	22					36
22 ND17-21929	22					45
23 ND17-22117	22					40
24 ND17-22120	25					41
25 OAC 19-05C-SCN	25					43

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Seed Weight (g/100)

SCN HG Type	Thief River					
	Crookston	Falls	Colfax	Prosper	Moorhead	Elora
	MN	MN	ND	ND	MN	ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	14.5	19.6			16.7	19.1
2 MN0095	10.0	14.6			11.6	14.2
3 MN0404CN (SCN)	9.1	15.2			13.0	17.4
4 MN1410	13.5	20.3			16.3	20.3
5 M08-362045L	10.7	16.9			12.8	19.3
6 M13-118036	12.3	17.0			14.7	18.6
7 M13-250056	14.4	18.7			14.8	17.1
8 M13-257047	12.5	18.2			14.9	21.4
9 M15-221040	9.9	15.7			13.3	17.7
10 M14-224050	10.4	17.1			14.8	18.0
11 M15-108094	11.6	19.0			14.7	18.7
12 M15-115050	13.2	18.6			15.3	20.1
13 M15-179021	13.8	18.6			15.0	17.1
14 M15-180032	14.3	17.8			16.4	21.9
15 M15-220021	9.6	15.0			11.2	15.5
16 M15-220055	9.0	15.3			12.8	17.0
17 M15-221032	9.4	14.6			12.2	16.1
18 ND16-8821	11.2	15.5			13.1	14.8
19 ND17-20565	13.0	18.9			17.1	18.6
20 ND17-20754	9.8	16.6			13.4	17.1
21 ND17-21922	12.8	17.2			15.6	17.0
22 ND17-21929	9.1	18.5			13.8	18.2
23 ND17-22117	10.3	15.8			12.5	15.2
24 ND17-22120	12.3	17.0			15.0	17.8
25 OAC 19-05C-SCN	11.2	17.9			14.9	18.8

2021 SCN UNIFORM 0

Seed Quality (score)

SCN HG Type	Thief River					
	Crookston	Falls	Colfax	Prosper	Moorhead	Elora
	MN	MN	ND	ND	MN	ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	2.0	1.0			1.0	1.5
2 MN0095	2.0	1.0			2.0	1.5
3 MN0404CN (SCN)	1.0	1.0			1.0	1.5
4 MN1410	2.0	1.0			1.0	1.5
5 M08-362045L	2.0	1.0			1.0	1.5
6 M13-118036	2.0	1.0			1.0	1.5
7 M13-250056	2.0	1.0			1.0	1.5
8 M13-257047	2.0	2.0			2.0	1.5
9 M15-221040	1.0	1.0			2.0	1.5
10 M14-224050	2.0	1.0			1.0	1.5
11 M15-108094	1.0	2.0			1.0	1.5
12 M15-115050	2.0	1.0			1.0	1.5
13 M15-179021	2.0	2.0			2.0	1.5
14 M15-180032	1.0	1.0			1.0	1.5
15 M15-220021	1.0	1.0			1.0	1.5
16 M15-220055	2.0	1.0			1.0	1.5
17 M15-221032	2.0	1.0			2.0	1.5
18 ND16-8821	2.0	1.0			2.0	1.5
19 ND17-20565	1.0	1.0			1.0	1.5
20 ND17-20754	1.0	1.0			1.0	1.5
21 ND17-21922	1.0	1.0			2.0	1.5
22 ND17-21929	3.0	2.0			2.0	1.5
23 ND17-22117	2.0	1.0			1.0	1.5
24 ND17-22120	2.0	1.0			1.0	1.5
25 OAC 19-05C-SCN	1.0	1.0			2.0	1.5

2021 SCN UNIFORM 0

Protein (%)						
SCN HG Type	Thief River					
	Crookston	Falls	Colfax	Prosper	Moorhead	Elora
	MN	MN	ND	ND	MN	ON
	Inf	Inf	Inf	Inf	NI	NI
Strain						
1 ND Dickey (0)	33.5	35.3		38.3	30.5	35.1
2 MN0095	32.7	36.3		39.8	31.4	35.6
3 MN0404CN (SCN)	32.3	36.4		37.9	30.6	34.9
4 MN1410	34.5	37.1		42.1	31.8	35.3
5 M08-362045L	33.9	35.8		41.4	29.3	35.2
6 M13-118036	33.5	35.0		40.3	30.8	34.6
7 M13-250056	33.5	35.1		36.2	30.5	34.5
8 M13-257047	33.1	36.6		39.7	32.3	35.6
9 M15-221040	33.9	37.2		39.7	30.8	36.5
10 M14-224050	33.2	34.2		37.8	31.8	34.7
11 M15-108094	32.5	35.5		38.4	30.1	35.8
12 M15-115050	33.7	35.1		37.2	32.5	35.5
13 M15-179021	31.8	35.1		41.2	31.0	34.7
14 M15-180032	34.6	38.5		40.1	32.9	36.1
15 M15-220021	34.3	37.5		38.4	29.6	34.7
16 M15-220055	32.9	38.5		39.1	32.1	35.7
17 M15-221032	32.8	37.2		39.9	31.7	35.6
18 ND16-8821	32.6	34.9		37.0	31.2	35.3
19 ND17-20565	33.3	36.6		38.1	32.8	34.8
20 ND17-20754	33.6	36.0		36.9	29.9	34.7
21 ND17-21922	34.4	37.4		37.4	32.4	35.4
22 ND17-21929	35.1	36.4		38.9	32.6	36.3
23 ND17-22117	34.2	37.7		34.6	30.1	36.1
24 ND17-22120	32.5	35.1		36.8	31.0	35.5
25 OAC 19-05C-SCN	33.9	35.9		37.6	33.1	35.5

2021 SCN UNIFORM 0

SCN HG Type	Oil (%)					
	Thief River					
	Crookston MN Inf	Falls MN Inf	Colfax ND Inf	Prosper ND Inf	Moorhead MN NI	Elora ON NI
Strain						
1 ND Dickey (0)	17.9	17.5		18.3	19.3	16.7
2 MN0095	19.3	18.1		20.3	19.9	17.0
3 MN0404CN (SCN)	18.7	17.6		19.9	19.4	17.8
4 MN1410	17.4	16.6		17.5	18.9	17.1
5 M08-362045L	18.4	17.1		17.2	19.9	17.9
6 M13-118036	17.6	17.1		17.3	18.7	17.9
7 M13-250056	18.0	17.7		20.7	19.4	17.6
8 M13-257047	19.2	17.1		19.2	20.0	17.8
9 M15-221040	18.5	16.7		18.8	20.0	17.7
10 M14-224050	19.4	19.5		19.9	19.8	18.4
11 M15-108094	19.1	17.0		18.8	19.4	17.5
12 M15-115050	18.5	17.5		18.8	18.6	17.8
13 M15-179021	19.1	18.4		18.1	20.4	18.2
14 M15-180032	16.5	14.7		17.8	18.1	17.4
15 M15-220021	19.0	17.3		20.3	20.4	18.4
16 M15-220055	18.9	16.5		19.5	19.4	18.9
17 M15-221032	18.7	16.7		18.5	19.1	18.4
18 ND16-8821	18.7	18.6		20.0	19.8	17.3
19 ND17-20565	18.9	16.4		19.6	19.4	18.3
20 ND17-20754	18.4	17.7		19.6	19.6	18.8
21 ND17-21922	18.4	17.1		19.5	19.2	18.4
22 ND17-21929	17.1	17.3		18.3	19.0	17.7
23 ND17-22117	18.6	17.4		21.7	20.1	18.2
24 ND17-22120	19.3	18.3		20.8	20.2	18.4
25 OAC 19-05C-SCN	17.6	17.0		19.6	18.4	18.4