

2018 SCN UNIFORM TEST II

Strain	FPhIm	Parentage	Previous testing	Gen. Comp.	SCN res source	Traits
1 IA2102	WGy	A04-545045 x AgriPro 98180-A01-06131	5	F4	None	
2 IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024	9	F5	PI 88788	
3 LD02-4485	PGbf	M90-184111 x IA3010	12	F5	PI 88788	
4 U11-920017	PLtbr	HS5-3417 x LD02-4485	1	F6	None	Rps
5 E15339	WGbf	IA2102 x LD02-4485	17 PT IIA	F5	PI 88788	
6 E15345	WGy	IA2102 x LD02-4485	17 PT IIA	F5	PI 88788	
7 E15347	WGbf	IA2102 x E07051	17 PT IIA	F5	PI 88788	
8 E15349	PGy	IA2102 x E07051	17 PT IIA	F5	PI 88788	
9 E15351	WGbf	IA2102 x E07051	17 PT IIA	F5	PI 88788	
10 E15390	PGibl	E07048 x E06186	17 PT IIA	F5	PI 88788	
11 E15346T	P+WGy	IA2102 x E07051	17 UT II RR	F5	PI 88788	Meal?
12 LD13-6678	PLtbl	LD07-3395 x NE0900094	17 UT II	F5	PI 88788	
13 U14-217227	WT+Ltbl	U11-935093 x LD07-3419	17 PT IIB	F5	PI 88788,437654	IDC
14 U14-910097	PGbf	U09-105007 x LD07-3419	17 UT II	F5	PI 88788,437654	
15 U14-915126	PGibl	U09-215057 x U09-126009	17 UT II	F5		Rps, Dt
16 U14-925152	PGibl	U11-935093 x LD07-3419	17 UT II	F5	PI 88788,437654	IDC
17 U15-917133	PLtbl	U09-133005 x U11-614093	17 PT IIB	F5		Rps1k

Entry	IL SCN screening										ISU IDC	ISU IDC
	cyst counts			HG 0		cyst counts			HG 2.5.7		AnNutri	Bruner
	rep1	rep2	rep3	FI	rating	rep1	rep2	rep3	FI	rating	score	score
1 IA2102	30	42	38	12	R	122	135	138	65	NR	3.0	.
2 IA1022 (SCN)	61	58	94	24	R	103	114	113	54	LR	2.5	2.0
3 LD02-4485	46	10	31	10	R	133	123	116	61	NR	2.0	1.8
4 U11-920017	180	154	171	56	LR	180	137	122	72	NR	.	1.8
5 E15339	22	1	34	6	HR	100	114	120	55	LR	1.0	1.3
6 E15345	35	23	35	10	R	145	129	133	67	NR	1.5	.
7 E15347	39	23	17	9	HR	118	127	145	64	NR	3.0	1.5
8 E15349	32	15	24	8	HR	190	185	171	90	NR	2.3	2.0
9 E15351	29	44	16	10	R	99	122	131	58	LR	3.0	3.0
10 E15390	115	181	189	54	LR	89	131	94	52	LR	3.0	3.0
11 E15346T	49	51	2	11	R	119	133	122	61	NR	3.0	2.0
12 LD13-6678	74	47	17	15	R	182	173	147	82	NR	.	2.3
13 U14-217227	31	9	5	11	R	119	116	125	59	LR	3.5	3.3
14 U14-910097	0	0	0	0	HR	2	2	1	1	HR	4.0	2.8
15 U14-915126	239	278	141	73	NR	84	133	139	58	LR	2.5	1.8
16 U14-925152	5	2	0	1	HR	3	3	1	1	HR	3.8	3.3
17 U15-917133	203	104	175	53	LR	267	204	189	108	NR	3.0	1.8

Mean: 2.7 2.2
LSD value: 0.6 1.3
CV (%): 9.5 27.5

2018 SCN UNIFORM TEST II

2018 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%
1	IA2102	60.6	6	59.9	6	63.9	15	9/20	2.0	35	1.7	16.1	34.4	17.8
2	IA1022 (SCN)	52.4	17	51.7	16	55.2	17	-8	1.8	32	1.5	15.2	32.7	19.6
3	LD02-4485	62.7	4	60.6	4	72.8	7	1	1.9	36	1.7	14.5	32.4	18.5
4	U11-920017	58.4	12	55.0	13	75.3	3	1	1.8	33	1.1	16.0	32.0	18.8
5	E15339	59.9	9	58.2	9	68.4	13	3	2.2	34	2.0	15.5	33.4	18.8
6	E15345	61.7	5	60.2	5	68.5	12	5	2.1	36	1.7	15.0	33.2	18.2
7	E15347	60.1	8	58.7	7	66.5	14	1	1.4	34	1.5	16.5	33.9	17.7
8	E15349	60.2	7	58.3	8	69.0	10	0	1.8	34	1.4	15.8	34.5	18.0
9	E15351	64.7	3	62.6	3	75.5	2	-1	1.6	33	2.2	16.7	34.1	17.8
10	E15390	58.3	13	55.6	12	71.3	9	4	1.7	35	1.5	18.3	35.8	17.8
11	E15346T	59.9	9	58.0	10	68.8	11	-1	1.7	34	1.7	17.2	34.2	18.5
12	LD13-6678	59.8	11	57.0	11	73.2	6	3	1.6	34	1.7	16.5	33.9	18.2
13	U14-217227	55.0	15	53.4	15	62.5	16	5	1.7	37	1.8	13.9	33.6	18.0
14	U14-910097	69.0	1	67.1	1	77.9	1	6	2.2	34	1.2	15.1	32.9	19.1
15	U14-915126	54.1	16	50.6	17	71.7	8	-1	1.3	35	1.4	13.9	33.0	18.3
16	U14-925152	65.8	2	64.2	2	73.3	3	4	1.5	35	1.4	14.6	33.9	18.8
17	U15-917133	56.8	14	53.4	14	73.3	3	3	1.5	37	1.5	15.9	33.8	18.4
Mean		60.0		57.9		69.8		21.7	1.8	34.5	1.6	15.7	33.6	18.4
LSD(.05)		3.0		3.3		4.8		0.9	0.2	1.4				
C.V. %		10.7		11.4		6.0		8.3	21.0	8.5				
Replications		32		26		6		27	31	31				

*Bellwood, NE yield data not included in means

Yield (bu/a)

SCN HG Type	West													
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH	
Strain	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1	IA2102	60.1	72.2	72.0	70.3	47.2	59.9	55.3	65.9	54.6	61.1	47.8	63.1	64.7
2	IA1022 (SCN)	53.5	57.9	62.9	56.2	30.8	59.4	48.6	47.3	51.8	56.9	41.2	51.8	58.6
3	LD02-4485	67.4	69.9	70.8	70.3	56.4	60.7	64.6	41.6	50.7	57.8	49.3	72.0	73.6
4	U11-920017	58.3	63.0	70.0	70.2	40.0	61.7	65.9	53.4	33.1	31.4	40.6	73.2	77.3
5	E15339	59.1	61.7	68.0	64.5	48.6	59.1	60.2	53.1	28.7	66.6	45.2	63.6	73.1
6	E15345	60.6	67.9	74.4	63.1	50.8	56.9	70.5	47.5	42.5	65.3	49.7	68.2	68.7
7	E15347	57.8	74.8	68.0	63.6	54.4	63.8	52.3	56.4	49.2	60.2	40.4	66.1	66.8
8	E15349	53.1	77.7	71.9	65.6	53.3	58.9	52.9	43.8	55.3	62.5	48.3	73.2	64.9
9	E15351	57.7	87.4	70.5	70.9	52.9	72.0	61.4	39.6	38.1	63.4	41.5	77.8	73.3
10	E15390	63.2	72.3	65.9	72.1	41.4	57.4	56.6	58.0	43.1	42.3	31.7	68.8	73.7
11	E15346T	53.9	75.0	69.7	63.0	47.5	62.7	49.2	61.3	47.1	58.6	44.1	67.4	70.2
12	LD13-6678	68.3	54.3	65.2	69.6	50.1	54.1	57.9	44.1	44.1	65.0	44.8	66.2	80.3
13	U14-217227	58.5	46.9	72.7	72.2	43.3	52.1	55.3	60.0	26.5	39.7	37.9	55.8	69.2
14	U14-910097	76.4	73.5	79.2	85.6	70.7	57.1	53.7	50.2	47.6	71.9	55.6	75.3	80.5
15	U14-915126	56.0	63.4	62.7	68.9	25.3	61.9	53.9	61.9	19.7	27.7	30.9	66.9	76.5
16	U14-925152	75.8	57.7	72.2	72.0	64.1	55.3	60.2	63.5	52.9	67.2	58.1	70.7	75.9
17	U15-917133	63.2	66.3	74.2	73.9	34.6	61.5	46.7	50.0	53.7	35.0	33.7	72.9	73.6
Average		61.3	67.2	70.0	68.9	47.7	59.7	56.8	52.8	43.1	54.9	43.6	67.8	71.8
LSD(2-sided,.05)		7.9	12.9	7.1	8.0	10.1	9.6	10.2	11.8	26.7	10.7	9.8	6.2	7.5
C.V. %		6.0	9.1	4.8	5.5	12.7	9.6	10.8	14.1	26.4	11.7	13.5	5.5	6.3
Replications		2	2	2	2	3	3	3	3	2	3	3	3	3
Row spacing (in.)		30	30	30	30	30	30	30	30	30	24	24	30	30

2018 SCN UNIFORM TEST II

Yield (rank)

Strain	Yield (rank)												West		
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	IN	OH
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	NI	NI		
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI		
1 IA2102	8	7	6	7	11	8	9	1	2	8	6	15	15		
2 IA1022 (SCN)	16	14	16	17	16	9	16	13	5	12	11	17	16		
3 LD02-4485	4	8	8	7	3	7	3	16	6	11	4	6	7		
4 U11-920017	11	12	10	9	14	5	2	8	14	16	12	3	3		
5 E15339	9	13	13	13	9	10	5	9	15	3	7	14	9		
6 E15345	7	9	2	15	7	14	1	12	12	4	3	9	12		
7 E15347	12	4	12	14	4	2	14	7	7	9	13	13	13		
8 E15349	17	2	7	12	5	11	13	15	1	7	5	3	14		
9 E15351	13	1	9	6	6	1	4	17	13	6	10	1	8		
10 E15390	6	6	14	4	13	12	8	6	11	13	16	8	6		
11 E15346T	15	3	11	16	10	3	15	4	9	10	9	10	10		
12 LD13-6678	3	16	15	10	8	16	7	14	10	5	8	12	2		
13 U14-217227	10	17	4	3	12	17	9	5	16	14	14	16	11		
14 U14-910097	1	5	1	1	1	13	12	10	8	1	2	2	1		
15 U14-915126	14	11	17	11	17	4	11	3	17	17	17	11	4		
16 U14-925152	2	15	5	5	2	15	5	2	4	2	1	7	5		
17 U15-917133	5	10	3	2	15	6	17	11	3	15	15	5	7		

Maturity

Strain	Maturity												West		
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	IN	OH
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	NI	NI		
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI		
1 IA2102	9/16		9/04	8/31		10/3	10/1	9/26		10/6	9/28	9/09	9/20		
2 IA1022 (SCN)	-12		-10	-8		-6	-12	-9		-10	-9	-6	0		
3 LD02-4485	3		-2	3		0	0	-3		-1	-1	7	3		
4 U11-920017	2		-1	2		-1	1	-2		2	-3	8	2		
5 E15339	2		-1	2		-1	2	2		3	2	13	3		
6 E15345	4		1	7		2	7	3		4	6	8	6		
7 E15347	2		1	4		-1	0	4		2	1	1	2		
8 E15349	-2		-1	1		1	-2	-3		-1	-1	7	1		
9 E15351	-5		-5	-1		-1	-5	-3		2	4	0	1		
10 E15390	2		4	5		1	5	6		0	5	8	5		
11 E15346T	-2		-1	0		-4	-5	0		2	-1	-1	1		
12 LD13-6678	6		1	6		1	6	0		-2	3	7	6		
13 U14-217227	14		6	9		2	7	6		-1	0	4	5		
14 U14-910097	14		8	8		1	8	4		3	2	12	5		
15 U14-915126	1		-2	1		-3	-2	3		-5	2	-5	2		
16 U14-925152	-1		5	5		3	7	6		0	2	6	4		
17 U15-917133	3		2	3		2	5	1		1	1	6	6		
Planted	5/14	5/11	5/08	5/08	4/30	5/28	5/16	5/07	5/09	6/05	6/04	5/10	5/30		

2018 SCN UNIFORM TEST II

Lodging (score)

Strain	SCN HG Type												West	
		Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville
		IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH
	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102		4.0	3.0	2.0	1.8		3.7	2.0	1.0	2.5	1.2	1.2	1.0	1.0
2 IA1022 (SCN)		4.0	3.5	2.0	1.3		1.7	1.0	1.0	3.0	1.2	1.0	1.0	1.0
3 LD02-4485		4.0	3.0	1.8	1.8		2.7	2.0	1.0	2.5	1.0	1.0	1.0	1.0
4 U11-920017		3.0	4.0	1.0	1.3		2.3	1.3	1.0	3.5	1.0	1.0	1.0	1.0
5 E15339		4.0	4.0	2.3	2.3		3.7	1.7	1.0	3.0	1.7	1.0	1.3	1.0
6 E15345		4.0	4.0	2.3	2.0		3.0	2.0	1.0	2.0	1.7	1.0	1.7	1.0
7 E15347		2.0	2.5	1.3	1.0		1.3	1.3	1.0	2.5	1.0	1.0	1.0	1.0
8 E15349		3.5	3.5	1.5	1.5		2.0	1.7	1.0	3.0	1.0	1.0	1.0	1.0
9 E15351		3.0	3.5	1.3	1.0		2.6	1.0	1.0	2.0	1.0	1.0	1.0	1.0
10 E15390		2.0	3.0	1.8	1.5		3.0	1.7	1.0	2.5	1.0	1.0	1.5	1.0
11 E15346T		4.0	4.0	1.5	1.5		1.7	1.0	1.0	2.0	1.2	1.0	1.0	1.0
12 LD13-6678		2.5	3.0	1.3	1.3		2.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0
13 U14-217227		3.0	3.0	1.5	1.3		2.3	2.0	1.0	2.5	1.0	1.0	1.0	1.0
14 U14-910097		3.5	3.0	2.0	1.5		3.0	2.3	1.0	4.5	1.5	1.0	2.0	1.0
15 U14-915126		1.5	3.0	1.0	1.0		1.0	1.0	1.0	2.5	1.0	1.0	1.0	1.0
16 U14-925152		3.0	3.0	1.0	1.0		2.0	1.3	1.0	2.0	1.0	1.0	1.0	1.0
17 U15-917133		2.5	2.5	1.5	1.0		1.3	1.7	1.0	2.5	1.0	1.0	1.0	1.0

Height (inches)

Strain	SCN HG Type												West	
		Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville
		IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH
	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102		33	48	44	37		36	32	30	31	38	30	32	27
2 IA1022 (SCN)		35	45	36	32		34	33	25	29	35	23	34	25
3 LD02-4485		36	50	41	37		39	37	28	33	38	26	35	30
4 U11-920017		35	47	39	35		37	35	28	32	26	24	35	28
5 E15339		37	48	41	35		36	38	27	27	38	28	30	29
6 E15345		38	52	40	36		37	36	31	34	39	27	34	29
7 E15347		34	46	42	34		37	31	27	29	39	25	35	29
8 E15349		33	47	40	37		37	34	26	33	36	28	35	29
9 E15351		30	46	36	34		37	36	23	32	37	27	36	29
10 E15390		31	45	40	37		38	38	30	33	36	25	39	29
11 E15346T		33	48	41	33		36	32	31	30	35	26	38	29
12 LD13-6678		34	45	39	37		39	34	27	28	35	24	34	31
13 U14-217227		35	49	43	40		41	41	36	29	31	24	41	32
14 U14-910097		35	46	39	37		37	34	31	30	35	25	37	30
15 U14-915126		35	46	40	35		41	40	33	34	29	23	35	31
16 U14-925152		34	46	39	34		39	36	32	33	36	27	35	31
17 U15-917133		38	53	44	40		41	38	33	34	31	24	41	32

Seed Quality (score)

Strain	SCN HG Type												West	
		Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville
		IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH
	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102		2.0	2.0	2.0	3.0		1.0	1.0	1.0	2.0	1.2	1.2		2.0
2 IA1022 (SCN)		1.0	3.0	1.0	2.0		1.0	1.0	1.0	2.0	1.2	1.5		2.0
3 LD02-4485		1.0	3.0	2.0	2.0		1.0	1.0	2.0	2.0	1.2	1.2		2.0
4 U11-920017		1.0	1.0	1.0	2.0		1.0	1.0	1.0	1.0	1.2	1.2		1.0
5 E15339		2.0	3.0	2.0	2.0		1.0	1.0	2.0	2.0	1.7	2.0		3.0
6 E15345		1.0	2.0	3.0	2.0		1.0	1.0	2.0	2.0	1.8	1.0		2.0
7 E15347		2.0	1.0	2.0	2.0		1.0	1.0	1.0	2.0	1.5	1.5		2.0
8 E15349		1.0	1.0	2.0	2.0		1.0	1.0	1.0	2.0	1.2	1.2		2.0
9 E15351		2.0	2.0	2.0	3.0		1.0	3.0	2.0	3.0	1.8	2.3		2.0
10 E15390		1.0	1.0	2.0	2.0		2.0	2.0	1.0	2.0	1.0	1.2		1.0
11 E15346T		2.0	2.0	2.0	2.0		1.0	2.0	1.0	2.0	1.5	1.7		2.0
12 LD13-6678		1.0	2.0	2.0	2.0		1.0	2.0	2.0	1.0	1.5	1.7		2.0
13 U14-217227		2.0	3.0	3.0	2.0		1.0	2.0	1.0	1.5	1.2	1.3		2.0
14 U14-910097		1.0	1.0	2.0	2.0		1.0	1.0	1.0	1.5	1.2	1.0		1.0
15 U14-915126		1.0	1.0	3.0	2.0		1.0	1.0	1.0	2.0	1.2	1.3		1.0
16 U14-925152		1.0	2.0	2.0	2.0		1.0	2.0	1.0	1.0	1.2	1.0		1.0
17 U15-917133		1.0	1.0	2.0	2.0		1.0	2.0	1.0	1.5	1.5	1.5		2.0

2018 SCN UNIFORM TEST II

Seed Weight (g/100)

Strain	Seed Weight (g/100)												West	
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102	16.3	15.5	13.9	15.6		17.2	15.1	16.5	14.3	19.6	17.9		14.9	
2 IA1022 (SCN)	14.7	14.1	12.9	13.0		16.3	15.9	16.6	13.3	18.5	17.8		14.0	
3 LD02-4485	14.8	12.5	11.9	13.5		15.9	14.0	13.5	13.2	18.8	17.9		13.4	
4 U11-920017	18.2	15.4	15.0	15.2		16.4	15.0	15.0	14.2	16.8	19.3		16.0	
5 E15339	14.1	14.0	12.7	14.8		17.2	14.9	15.5	13.8	20.0	17.8		16.4	
6 E15345	15.5	14.2	12.7	13.5		15.9	14.0	14.3	14.8	18.5	17.5		13.9	
7 E15347	16.4	14.3	14.0	15.8		17.3	15.8	17.1	13.3	21.0	20.0		16.2	
8 E15349	16.3	15.8	15.0	14.2		15.8	14.5	15.5	14.3	19.0	18.5		14.4	
9 E15351	15.9	18.2	14.1	16.3		16.7	15.5	16.1	13.7	21.0	20.5		15.6	
10 E15390	19.2	19.2	17.3	18.9		19.6	17.8	15.3	16.3	19.3	21.5		17.2	
11 E15346T	16.9	16.1	15.4	17.0		17.2	17.5	17.3	14.0	21.8	20.2		16.4	
12 LD13-6678	17.4	14.0	13.0	15.5		16.3	16.8	15.9	13.9	20.6	22.3		16.2	
13 U14-217227	15.6	10.1	12.6	13.6		15.4	13.9	15.0	10.5	14.6	17.6		13.8	
14 U14-910097	17.0	12.9	13.0	13.8		15.6	15.0	15.2	13.4	18.3	18.6		13.8	
15 U14-915126	16.1	11.7	12.4	13.8		14.7	14.2	15.5	11.9	12.9	15.9		13.9	
16 U14-925152	16.3	10.3	13.2	13.8		15.2	13.2	15.8	12.4	18.1	18.7		14.1	
17 U15-917133	16.9	15.3	14.5	15.8		17.2	15.3	16.8	16.7	11.8	18.7		15.6	

Protein (%)

Strain	Protein (%)												West	
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102	36.6	35.1	32.5	33.5		33.9	35.0	32.6	35.6	35.2	36.0	32.3	34.7	
2 IA1022 (SCN)	34.4	33.0	31.3	32.4		32.4	32.9	30.7	34.9	32.6	33.1	30.5	34.0	
3 LD02-4485	32.7	31.8	30.3	30.5		32.5	32.3	31.5	33.2	33.6	34.2	31.9	33.8	
4 U11-920017	31.5	31.3	30.4	31.2		32.3	32.1	30.6	33.5	32.9	33.3	31.1	33.7	
5 E15339	33.7	33.0	30.9	31.7		34.2	33.7	31.7	34.1	34.2	34.9	33.5	34.8	
6 E15345	34.3	33.1	30.5	32.3		33.0	32.2	30.8	34.7	34.2	35.0	34.0	34.3	
7 E15347	35.2	33.2	32.0	31.8		33.8	34.6	32.5	34.7	34.6	36.0	32.8	35.6	
8 E15349	36.1	33.3	32.2	33.8		33.9	34.5	32.5	35.9	35.2	36.5	34.3	36.1	
9 E15351	35.5	33.9	33.0	32.7		34.2	33.4	32.5	34.0	34.5	36.3	33.1	35.7	
10 E15390	37.7	35.0	34.1	34.8		35.7	35.7	32.5	37.2	36.6	38.0	34.7	37.3	
11 E15346T	35.0	34.4	33.0	34.1		32.8	34.5	31.9	34.6	34.8	36.0	33.6	35.9	
12 LD13-6678	36.0	34.1	32.5	32.8		32.1	35.2	30.2	34.8	34.8	36.4	32.9	34.5	
13 U14-217227	34.3	33.2	30.3	31.7		34.6	34.9	32.5	33.8	34.1	35.9	33.3	34.6	
14 U14-910097	34.5	32.0	30.6	31.0		34.4	34.2	31.2	33.1	33.1	35.0	31.9	34.0	
15 U14-915126	35.1	32.1	31.5	31.4		33.0	33.5	30.0	34.8	33.9	33.9	32.4	34.1	
16 U14-925152	35.3	33.7	32.6	31.7		34.5	33.9	33.7	33.5	33.5	35.5	34.7	34.3	
17 U15-917133	35.4	33.6	31.6	32.5		34.0	34.8	30.7	35.8	34.7	35.0	33.3	34.1	

Oil (%)

Strain	Oil (%)												West	
	Ames	Moorhead	Pontiac	Urbana	Decatur	Fairfax	Lamberton	Waseca	Bellwood	Chatham	Harrow	Lafayette	Hoytville	
	IA	IA	IL	IL	MI	MN	MN	MN	NE	ON	ON	IN	OH	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	Inf	2.5.7	Inf	Inf	Inf	2.5.7	2.5.7	NI	NI	
1 IA2102	17.7	18.0	18.0	17.7		17.9	16.7	17.5	16.9	18.7	19.0	18.2	17.1	
2 IA1022 (SCN)	20.2	20.1	19.4	19.2		19.1	18.3	19.4	18.8	20.9	21.4	20.2	18.4	
3 LD02-4485	18.9	18.8	18.3	18.6		19.0	17.1	18.2	18.2	19.6	19.8	18.0	17.2	
4 U11-920017	19.7	19.1	19.2	18.9		18.4	17.2	18.6	18.4	19.7	20.9	19.3	16.7	
5 E15339	19.5	19.9	18.7	18.1		19.0	17.4	19.1	17.9	19.8	20.2	18.4	17.7	
6 E15345	18.6	18.4	18.4	17.6		18.7	17.3	18.6	17.9	19.1	19.2	17.6	17.4	
7 E15347	17.7	17.7	17.4	17.9		17.3	16.9	17.9	17.5	19.1	19.2	17.6	16.6	
8 E15349	18.5	18.7	18.2	17.5		18.5	17.2	17.3	17.5	19.3	19.1	17.5	16.8	
9 E15351	18.3	17.9	17.1	17.6		18.6	17.2	17.1	17.6	19.2	19.2	17.6	16.5	
10 E15390	17.6	18.1	17.7	17.5		18.5	16.9	18.2	17.2	18.6	18.5	18.1	16.0	
11 E15346T	19.3	19.1	18.5	18.0		18.9	17.3	18.4	18.0	19.4	19.7	18.5	17.1	
12 LD13-6678	18.1	18.9	18.1	17.7		18.2	17.1	18.4	17.8	19.5	19.1	18.4	17.1	
13 U14-217227	18.1	18.8	18.4	17.6		18.9	16.8	17.1	17.6	19.3	19.2	17.5	17.1	
14 U14-910097	19.2	19.4	19.2	19.0		19.7	17.7	19.2	18.6	20.4	20.4	18.8	17.1	
15 U14-915126	18.3	18.5	18.1	18.5		19.2	18.0	18.3	17.0	18.9	19.9	18.1	17.2	
16 U14-925152	18.9	18.9	18.6	18.9		19.3	18.0	18.6	18.5	20.5	20.2	17.7	17.4	
17 U15-917133	18.6	19.0	18.6	18.7		17.7	17.3	18.1	17.7	19.7	20.1	18.1	17.1	