

2021 SCN PRELIMINARY IIA

Strain	FPhm	Parentage	Gen.		SCN Resistance source
			Comp.	Traits	
1 IA2102	WGy	A04-545045 x AgriPro 98180-A01-06131	F4		None
2 LD02-4485 (SCN)	PGbf	M90-184111 x IA3010	F5		PI 88788
3 U11-917032 (SCN)	PTbl	LD02-4485 x U03-100612	F6		PI 88788
4 U14-910097 (SCN)	PGbf	U09-105007 x LD07-3419	F5		PI 88788,437654
5 LD18-0173	PGibl	LD10-10198 x U11-917032	F5	SCN	PI 88788
6 LD18-1242	WGy	U11-614119 x LD10-10226	F5		PI 88788
7 LD18-1725	PLtbl	LD10-10226 x LD10-9168	F5		PI 88788
8 LD18-4225	PLtbl	U11-932025 x LD10-10198	F5		PI 88788
9 LD18-4231	P+WLTtbl/gr	U11-932025 x LD10-10198	F5		PI 88788
10 LD18-4236	P+WLTtbl/gr	U11-932025 x LD10-10198	F5	SCN	PI 88788
11 LD18-4248	WLty/gr	U11-932025 x LD10-10198	F5	SCN	PI 88788
12 LD18-4406	WLty	U11-614119 x M08-362051	F5	SCN	PI 88788
13 LD18-4435	WLty	U11-614119 x M08-362051	F5	SCN	PI 88788
14 LD18-5062	PLtbl	LD10-5213a x U11-9111079	F5	SCN	PI 88788
15 LD18-5526	P+WGbf/ibl	U11-932025 x LD12-459	F5	SCN	PI 88788
16 E17040	WGy	E07051 x IA2102	F5		PI 88788
17 E18331-34	WGy	E16854 x E12076T	F5	high oleic	PI 88788
18 E18331-43	WLty	E16854 x E12076T	F5	high oleic	PI 88788
19 E19005	PGibl	E07051 x LG10-12468	F5		PI 88788
20 E19056	PLt+Tbl	E16826 x E14077	F5	high oleic	PI 88788
21 E19090	PLtbl	E16826 x E14077	F5	high oleic	PI 88788
22 E19269	WGbf/y	E15917 x E13100	F5	high protein	PI 88788
23 E19288T	PGy	E16901 x E11128T	F5		PI 88788
24 E19312T	PGy	E16902 x E11128T	F5	high protein	PI 88788
25 E19327T	PGy	E16902 x E11128T	F5	high protein	PI 88788
26 E19412	PGy/bf	E13390 x E13100	F5		PI 88788
27 E19413	PGy/gr	E13390 x E13100	F5		PI 88788
28 E19689	PTbl	E14077 x E16826	F5	high oleic	PI 88788
29 E19803-07	WTbl	E16826 x U12-909109R	F5	high oleic	PI 88788

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Entry	IL SCN screening									
	cyst counts			HG 0		cyst counts			HG 2.5.7	
	rep1	rep2	rep3	FI	rating	rep1	rep2	rep3	FI	rating
1 IA2102	No data available					250	268	248	94	NR
2 LD02-4485 (SCN)						109	152	228	60	NR
3 U11-917032 (SCN)						211	137	119	57	LR
4 U14-910097 (SCN)						23	8	17	6	HR
5 LD18-0173						191	137	153	59	LR
6 LD18-1242						118	86	166	45	LR
7 LD18-1725						167	112	215	61	NR
8 LD18-4225						206	106	199	63	NR
9 LD18-4231						203	280	117	74	NR
10 LD18-4236						111	227	314	80	NR
11 LD18-4248						219	142	258	76	NR
12 LD18-4406						130	86	174	48	LR
13 LD18-4435						135	148	78	44	LR
14 LD18-5062						161	150	95	50	LR
15 LD18-5526						215	108	244	70	NR
16 E17040						193	321	139	80	NR
17 E18331-34						124	171	116	50	LR
18 E18331-43						113	95	162	45	LR
19 E19005						201	150	100	55	LR
20 E19056						172	200	228	74	LR
21 E19090						195	291	153	78	NR
22 E19269						297	239	308	104	NR
23 E19288T						205	146	242	73	NR
24 E19312T						193	137	383	87	NR
25 E19327T						164	153	261	71	NR
26 E19412						173	262	210	79	NR
27 E19413						94	153	93	42	LR
28 E19689						281	335	116	90	NR
29 E19803-07						102	203	144	55	LR

(*)=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 IA2102	no marker data available					
2 LD02-4485 (SCN)	no marker data available					
3 U11-917032 (SCN)	no marker data available					
4 U14-910097 (SCN)	Rhg1-Peking+Rhg4	Ch13, Het LgN	none	S	S	R
5 LD18-0173	Rhg1-PI88788	LgA+Ch13, Het LgN	none	Het	S	R
6 LD18-1242	Rhg1-PI88788	LgN+Ch13	none	Het	S	R
7 LD18-1725	Rhg1-PI88788	LgN+Ch13	none	S	S	R
8 LD18-4225	Rhg1-PI88788	LgA1+Ch13	none	Het	S	R
9 LD18-4231	Rhg1-PI88788	LgA1+LgN+Ch13	none	R	S	R
10 LD18-4236	Rhg1-PI88788	LgA1+LgN+Ch13	none	R	S	R
11 LD18-4248	Rhg1-PI88788	LgA1+LgN+Ch13	none	R	S	R
12 LD18-4406	Rhg1-PI88788	Ch13	Rps1k	R	S	R
13 LD18-4435	Rhg1-PI88788	Ch13	none	S	S	R
14 LD18-5062	Rhg1-PI88788	Ch13	Rps1k	S	S	R
15 LD18-5526	Rhg1-PI88788	Ch13, Het LgN	none	R	S	R
16 E17040	Rhg1-PI88788	LgA1+LgN+Ch13	Rps1k	R	S	R
17 E18331-34	Rhg1-PI88788	LgN+Ch13	none	R	S	R
18 E18331-43	none	LgN+Ch13	none	.	S	R
19 E19005	none	LgN+Ch13	none	R	S	R
20 E19056	Rhg1-PI88788	LgA1+Ch13	none	Het	S	S
21 E19090	Rhg1-PI88788, Het Rhg4	LgA1+Ch13	Rps1k	S	S	Het
22 E19269	Het Rhg1-PI88788	Ch13	Het Rps1c+1k	Het	S	R
23 E19288T	Rhg1-PI88788	Ch13	Rps1k	R	S	R
24 E19312T	Rhg1-PI88788	Ch13	Rps1k	R	S	R
25 E19327T	Rhg1-PI88788	LgN+Ch13	none	R	S	R
26 E19412	Het Rhg1-PI88788	Ch13, Het LgA	Het Rps1k	Het	S	R
27 E19413	Rhg1-PI88788	LgA1+LgN+Ch13	Rps1k	R	S	R
28 E19689	Het Rhg1-PI88788	Ch13, Het LgA+LgN	none	Het	S	Het
29 E19803-07	none	LgN+Ch13	Rps1k	R	S	S

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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	6		6				4	3	3	8	4	4	4
1 IA2102	71.2	9	71.2	9			9/17	2.8	33	15.9	1.5	35.6	17.7
2 LD02-4485 (SCN)	72.5	6	72.5	6			1	2.9	35	15.0	1.8	32.9	18.7
3 U11-917032 (SCN)	61.9	24	61.9	24			-4	3.3	31	15.9	1.9	34.0	19.5
4 U14-910097 (SCN)	75.8	2	75.8	2			6	2.5	31	15.8	1.8	33.2	19.4
5 LD18-0173	70.8	10	70.8	10			-1	1.3	32	15.0	2.0	34.2	19.4
6 LD18-1242	71.3	8	71.3	8			3	1.9	35	16.0	1.5	33.8	18.2
7 LD18-1725	69.6	13	69.6	13			2	1.1	32	15.5	1.5	33.7	18.4
8 LD18-4225	69.7	12	69.7	12			1	1.4	34	15.6	1.8	36.1	18.1
9 LD18-4231	72.1	7	72.1	7			1	2.6	33	15.0	2.0	34.5	17.7
10 LD18-4236	77.6	1	77.6	1			0	2.7	34	16.0	1.5	34.5	18.6
11 LD18-4248	63.8	22	63.8	22			3	1.6	35	16.3	2.0	36.8	17.3
12 LD18-4406	66.9	17	66.9	17			0	1.9	32	15.6	1.8	34.8	18.5
13 LD18-4435	61.4	25	61.4	25			0	1.1	30	15.3	1.8	34.5	18.9
14 LD18-5062	74.8	3	74.8	3			1	1.6	35	14.1	1.5	33.6	17.9
15 LD18-5526	70.1	11	70.1	11			1	1.8	34	16.7	1.8	36.2	18.2
16 E17040	74.8	3	74.8	3			3	2.6	34	16.2	1.8	35.5	17.3
17 E18331-34	56.0	29	56.0	29			8	1.1	32	14.3	2.0	35.1	17.1
18 E18331-43	59.3	26	59.3	26			9	1.4	32	13.9	1.5	34.9	17.1
19 E19005	63.8	22	63.8	22			2	1.3	35	16.6	1.8	35.3	17.8
20 E19056	69.2	15	69.2	15			2	3.2	37	16.1	1.5	34.4	17.7
21 E19090	66.4	18	66.4	18			1	2.8	35	15.6	1.8	35.1	17.9
22 E19269	66.1	20	66.1	20			9	1.8	38	18.2	1.5	37.5	17.0
23 E19288T	65.3	21	65.3	21			0	1.7	33	17.5	1.8	37.5	16.6
24 E19312T	67.3	16	67.3	16			-1	2.0	33	17.7	1.8	36.4	18.0
25 E19327T	66.1	19	66.1	19			-3	1.4	31	19.5	1.8	36.3	18.2
26 E19412	69.5	14	69.5	14			1	1.3	32	17.8	1.5	36.0	17.2
27 E19413	72.9	5	72.9	5			1	3.0	35	17.7	1.8	34.2	18.6
28 E19689	59.1	27	59.1	27			0	1.9	32	16.1	1.8	35.3	17.9
29 E19803-07	57.0	28	57.0	28			6	2.7	32	15.7	1.8	34.5	17.2
Mean	67.7		67.7				1.7	2.0	33.3	16.1	1.7	35.0	18.0
C.V. %	10.7		10.7				8.8	24.0	6.1				
LSD(2-sided,.05)	4.8		4.8				1.7	0.6	2.3				
Replications	13		13				8	6	6				

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Yield (bu/a)

SCN HG Type	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	74.5	60.4	52.3	64.0	101.8	94.7
2 LD02-4485 (SCN)	72.6	63.4	62.4	64.8	104.0	87.2
3 U11-917032 (SCN)	45.2	56.9	47.9	50.4	96.3	94.4
4 U14-910097 (SCN)	58.7	71.7	71.0	64.8	109.3	98.4
5 LD18-0173	71.2	63.5	59.6	54.2	102.1	93.9
6 LD18-1242	54.1	67.3	62.3	61.0	99.0	103.7
7 LD18-1725	58.7	66.3	63.3	56.4	103.3	89.2
8 LD18-4225	66.3	59.8	56.4	67.5	102.1	85.3
9 LD18-4231	68.5	69.2	63.0	57.9	97.0	97.3
10 LD18-4236	78.6	68.8	65.8	67.3	102.0	102.7
11 LD18-4248	57.9	58.9	54.7	55.6	93.4	81.6
12 LD18-4406	36.8	61.6	57.6	58.2	102.0	104.7
13 LD18-4435	32.7	58.9	48.6	49.5	101.3	97.0
14 LD18-5062	71.6	67.7	64.0	54.8	111.2	98.9
15 LD18-5526	60.4	62.6	54.4	56.5	105.1	101.3
16 E17040	71.9	60.8	63.7	58.7	107.1	105.9
17 E18331-34	9.3	54.0	55.1	53.8	96.5	88.1
18 E18331-43	18.7	57.7	53.1	57.2	95.9	95.9
19 E19005	39.0	60.4	55.5	52.3	102.8	92.0
20 E19056	57.7	64.9	60.2	55.0	97.8	98.9
21 E19090	51.2	59.0	53.8	60.0	104.2	89.6
22 E19269	35.2	63.3	67.6	59.2	92.9	97.6
23 E19288T	66.8	57.3	55.9	55.9	85.5	90.8
24 E19312T	57.0	55.3	59.0	63.5	97.2	91.2
25 E19327T	58.0	58.1	58.6	48.2	96.1	97.1
26 E19412	69.8	61.4	61.3	54.8	94.0	95.2
27 E19413	72.5	63.1	61.1	59.7	101.9	98.5
28 E19689	38.0	59.5	54.7	49.6	87.7	84.8
29 E19803-07	33.9	59.0	54.7	31.5	99.3	83.2
Mean	54.7	61.7	58.5	56.6	99.6	94.4
C.V. %	15.8	2.9	6.7	10.5	5.3	7.7
LSD(2-sided,.05)	18.3	3.7	8.0	11.6	13.2	18.8
Replications	2	2	2	3	2	2
Row spacing (in.)	30	30	30	30	30	30

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Yield (rank)

SCN HG Type	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	2	16	27	5	14	13
2 LD02-4485 (SCN)	3	9	8	3	6	25
3 U11-917032 (SCN)	21	27	29	25	22	16
4 U14-910097 (SCN)	13	1	1	4	2	10
5 LD18-0173	7	8	13	22	10	17
6 LD18-1242	19	5	9	7	17	3
7 LD18-1725	13	6	6	16	7	23
8 LD18-4225	11	18	17	1	9	26
9 LD18-4231	9	2	7	13	20	6
10 LD18-4236	1	3	3	2	12	4
11 LD18-4248	16	23	21	18	26	29
12 LD18-4406	24	13	16	12	11	2
13 LD18-4435	27	22	28	27	15	14
14 LD18-5062	6	4	4	20	1	7
15 LD18-5526	12	12	24	15	4	5
16 E17040	5	15	5	11	3	1
17 E18331-34	29	29	20	23	21	24
18 E18331-43	28	25	26	14	24	18
19 E19005	22	16	19	24	8	19
20 E19056	17	7	12	19	18	8
21 E19090	20	21	25	8	5	22
22 E19269	25	10	2	10	27	11
23 E19288T	10	26	18	17	29	21
24 E19312T	18	28	14	6	19	20
25 E19327T	15	24	15	28	23	12
26 E19412	8	14	10	21	25	15
27 E19413	4	11	11	9	13	9
28 E19689	23	19	21	26	28	27
29 E19803-07	26	20	21	29	16	28

2021 SCN PRELIMINARY IIA

Maturity

	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
SCN HG Type	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	9/25	9/08	9/12			9/24
2 LD02-4485 (SCN)	3	3	1			-3
3 U11-917032 (SCN)	-1	-4	-5			-7
4 U14-910097 (SCN)	7	8	9			0
5 LD18-0173	-1	1	1			-6
6 LD18-1242	4	3	4			-1
7 LD18-1725	3	3	1			-1
8 LD18-4225	4	3	1			-4
9 LD18-4231	2	6	1			-4
10 LD18-4236	1	3	1			-4
11 LD18-4248	3	7	5			-4
12 LD18-4406	5	-3	0			-3
13 LD18-4435	7	-3	-2			-3
14 LD18-5062	-1	3	3			-3
15 LD18-5526	2	2	2			-2
16 E17040	3	4	3			0
17 E18331-34	20	5	8			-2
18 E18331-43	20	8	8			0
19 E19005	4	2	5			-5
20 E19056	5	3	4			-3
21 E19090	2	3	1			-4
22 E19269	15	9	8			2
23 E19288T	1	2	0			-4
24 E19312T	-1	2	1			-4
25 E19327T	-1	-3	-1			-6
26 E19412	0	3	3			-3
27 E19413	1	3	4			-3
28 E19689	1	3	2			-5
29 E19803-07	10	5	7			2
Planted	5/24	5/05	5/24	5/07	5/18	5/21

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Lodging (score)

SCN HG Type	Ames IA Inf	Pontiac IL Inf	Urbana IL Inf	Decatur MI Inf	Cotefield NE Inf	Phillips NE Inf
Strain						
1 IA2102		3.0	2.3			3.0
2 LD02-4485 (SCN)		2.8	3.0			3.0
3 U11-917032 (SCN)		3.5	3.3			3.0
4 U14-910097 (SCN)		2.5	2.0			3.0
5 LD18-0173		1.8	1.0			1.0
6 LD18-1242		1.3	2.3			2.0
7 LD18-1725		1.3	1.0			1.0
8 LD18-4225		1.3	1.0			2.0
9 LD18-4231		2.5	2.3			3.0
10 LD18-4236		2.8	2.8			2.5
11 LD18-4248		1.8	1.0			2.0
12 LD18-4406		1.5	1.8			2.5
13 LD18-4435		1.3	1.0			1.0
14 LD18-5062		2.0	1.3			1.5
15 LD18-5526		2.3	1.0			2.0
16 E17040		2.5	2.3			3.0
17 E18331-34		1.3	1.0			1.0
18 E18331-43		1.3	1.0			2.0
19 E19005		2.0	1.0			1.0
20 E19056		3.3	2.8			3.5
21 E19090		2.8	2.0			3.5
22 E19269		3.3	1.0			1.0
23 E19288T		2.0	1.0			2.0
24 E19312T		2.0	1.5			2.5
25 E19327T		1.8	1.5			1.0
26 E19412		1.8	1.0			1.0
27 E19413		2.8	2.8			3.5
28 E19689		2.0	1.3			2.5
29 E19803-07		3.0	2.0			3.0

2021 SCN PRELIMINARY IIA

Height (inches)

SCN HG Type	Ames IA Inf	Pontiac IL Inf	Urbana IL Inf	Decatur MI Inf	Cotefield NE Inf	Phillips NE Inf
Strain						
1 IA2102		34	32			32
2 LD02-4485 (SCN)		38	32			34
3 U11-917032 (SCN)		32	30			30
4 U14-910097 (SCN)		33	31			30
5 LD18-0173		32	32			32
6 LD18-1242		36	35			34
7 LD18-1725		33	33			31
8 LD18-4225		35	30			37
9 LD18-4231		34	33			33
10 LD18-4236		37	32			34
11 LD18-4248		35	32			37
12 LD18-4406		31	30			35
13 LD18-4435		31	27			32
14 LD18-5062		35	34			37
15 LD18-5526		37	31			33
16 E17040		34	34			35
17 E18331-34		32	30			33
18 E18331-43		33	31			32
19 E19005		35	33			36
20 E19056		39	37			35
21 E19090		37	34			33
22 E19269		39	37			38
23 E19288T		35	33			32
24 E19312T		33	35			31
25 E19327T		33	32			29
26 E19412		33	32			32
27 E19413		37	35			34
28 E19689		34	32			30
29 E19803-07		32	32			32

2021 SCN PRELIMINARY IIA

Seed Weight (g/100)

SCN HG Type	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	17.5	14.2	14.2			17.6
2 LD02-4485 (SCN)	17.0	12.2	14.6			16.3
3 U11-917032 (SCN)	17.0	13.5	14.5			18.5
4 U14-910097 (SCN)	17.5	13.1	14.9			17.7
5 LD18-0173		12.7	14.9			17.5
6 LD18-1242	17.5	13.8	15.7			17.0
7 LD18-1725	17.5	13.7	14.5			16.3
8 LD18-4225	17.5	13.0	14.4			17.4
9 LD18-4231	16.0	13.4	14.5			16.2
10 LD18-4236	18.0	13.5	14.6			17.9
11 LD18-4248	17.0	14.4	15.7			18.1
12 LD18-4406	17.0	13.4	14.5			17.6
13 LD18-4435	15.5	14.6	14.2			16.7
14 LD18-5062	14.5	12.5	14.1			15.3
15 LD18-5526	18.0	15.1	15.6			17.9
16 E17040	17.5	15.0	15.5			16.7
17 E18331-34		13.4	13.8			15.7
18 E18331-43	13.0	13.5	13.9			15.1
19 E19005	17.0	15.2	16.3			17.8
20 E19056	17.0	15.0	15.2			17.2
21 E19090	16.0	13.7	14.9			17.8
22 E19269	18.5	17.0	17.9			19.4
23 E19288T	19.5	15.2	16.9			18.5
24 E19312T	18.0	15.9	16.2			20.7
25 E19327T	20.0	17.7	18.8			21.3
26 E19412	18.5	15.8	17.4			19.6
27 E19413	19.5	16.0	16.6			18.7
28 E19689	17.5	14.0	15.1			17.9
29 E19803-07	15.5	13.7	15.7			17.9

2021 SCN PRELIMINARY IIA

Seed Quality (score)

SCN HG Type	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	1.0	3.0	1.0			1.0
2 LD02-4485 (SCN)	1.0	3.0	2.0			1.0
3 U11-917032 (SCN)	1.5	3.0	2.0			1.0
4 U14-910097 (SCN)	1.0	3.0	2.0			1.0
5 LD18-0173		3.0	2.0			1.0
6 LD18-1242	1.0	2.0	2.0			1.0
7 LD18-1725	1.0	3.0	1.0			1.0
8 LD18-4225	1.0	3.0	2.0			1.0
9 LD18-4231	1.0	4.0	2.0			1.0
10 LD18-4236	1.0	3.0	1.0			1.0
11 LD18-4248	1.0	4.0	2.0			1.0
12 LD18-4406	1.0	3.0	2.0			1.0
13 LD18-4435	1.0	3.0	2.0			1.0
14 LD18-5062	1.0	3.0	1.0			1.0
15 LD18-5526	1.0	3.0	2.0			1.0
16 E17040	1.0	3.0	2.0			1.0
17 E18331-34		3.0	2.0			1.0
18 E18331-43	1.0	2.0	2.0			1.0
19 E19005	1.0	3.0	2.0			1.0
20 E19056	1.0	3.0	1.0			1.0
21 E19090	1.0	3.0	2.0			1.0
22 E19269	1.0	2.0	2.0			1.0
23 E19288T	1.0	3.0	2.0			1.0
24 E19312T	1.0	3.0	2.0			1.0
25 E19327T	1.0	3.0	2.0			1.0
26 E19412	1.0	3.0	1.0			1.0
27 E19413	1.0	3.0	2.0			1.0
28 E19689	1.0	3.0	2.0			1.0
29 E19803-07	1.0	3.0	2.0			1.0

2021 SCN PRELIMINARY IIA

Protein (%)

SCN HG Type	Ames IA Inf	Pontiac IL Inf	Urbana IL Inf	Decatur MI Inf	Cotefield NE Inf	Phillips NE Inf
Strain						
1 IA2102	36.2	36.4	33.9			35.8
2 LD02-4485 (SCN)	33.8	32.5	32.9			32.5
3 U11-917032 (SCN)	34.2	34.4	32.9			34.5
4 U14-910097 (SCN)	32.7	33.8	32.5			33.8
5 LD18-0173	34.9	34.5	33.6			33.8
6 LD18-1242	34.0	33.5	33.5			34.2
7 LD18-1725	34.3	33.6	33.5			33.4
8 LD18-4225	36.4	36.3	35.3			36.5
9 LD18-4231	34.2	34.1	34.7			34.9
10 LD18-4236	34.6	34.9	33.8			34.7
11 LD18-4248	36.3	37.4	37.5			36.2
12 LD18-4406	36.2	33.6	34.8			34.5
13 LD18-4435	35.2	34.5	33.8			34.5
14 LD18-5062	33.3	33.2	34.4			33.6
15 LD18-5526	37.2	35.6	36.4			35.7
16 E17040	35.0	36.7	35.2			35.0
17 E18331-34	.	34.6	34.2			36.5
18 E18331-43	33.8	35.3	34.5			35.9
19 E19005	35.3	35.0	35.8			35.2
20 E19056	34.2	34.6	33.8			34.9
21 E19090	35.1	34.7	34.8			35.7
22 E19269	37.0	37.6	38.6			37.0
23 E19288T	37.0	37.5	38.1			37.3
24 E19312T	36.1	36.4	37.0			36.2
25 E19327T	36.6	35.5	37.0			36.1
26 E19412	35.7	35.8	36.6			35.8
27 E19413	34.0	34.5	34.1			34.4
28 E19689	35.1	34.6	35.5			36.1
29 E19803-07	33.5	34.9	33.5			35.9

2021 SCN PRELIMINARY IIA

Oil (%)

	Ames	Pontiac	Urbana	Decatur	Cotefield	Phillips
	IA	IL	IL	MI	NE	NE
SCN HG Type	Inf	Inf	Inf	Inf	Inf	Inf
Strain						
1 IA2102	17.0	17.8	19.2			16.8
2 LD02-4485 (SCN)	18.0	19.0	19.2			18.7
3 U11-917032 (SCN)	18.9	19.8	20.8			18.4
4 U14-910097 (SCN)	19.3	19.1	19.9			19.2
5 LD18-0173	19.0	19.3	20.2			19.1
6 LD18-1242	17.9	18.2	19.3			17.4
7 LD18-1725	18.9	18.0	18.9			18.1
8 LD18-4225	18.1	18.1	18.8			17.5
9 LD18-4231	17.7	18.3	18.2			16.6
10 LD18-4236	18.5	18.5	19.4			18.0
11 LD18-4248	17.6	16.8	18.0			17.0
12 LD18-4406	18.0	18.8	19.3			17.9
13 LD18-4435	18.4	18.7	20.3			18.2
14 LD18-5062	18.0	18.3	18.0			17.1
15 LD18-5526	18.3	18.4	18.6			17.7
16 E17040	17.3	16.6	18.1			17.1
17 E18331-34		17.0	17.8			16.6
18 E18331-43	17.5	16.5	17.8			16.7
19 E19005	18.5	17.7	17.6			17.3
20 E19056	17.9	17.3	18.8			16.9
21 E19090	18.3	17.7	18.4			17.4
22 E19269	17.3	16.9	16.6			17.1
23 E19288T	17.3	15.9	17.4			16.0
24 E19312T	17.9	18.2	18.8			17.0
25 E19327T	18.6	18.3	18.9			17.0
26 E19412	17.6	17.1	16.8			17.3
27 E19413	18.5	18.8	19.4			17.8
28 E19689	18.1	17.9	18.1			17.3
29 E19803-07	16.5	17.5	18.0			16.6