

2021 SCN UNIFORM IV

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits	SCN Resistance source
1 LD15-3818 (SCN)	PLtbl	LD09-3913 x Syngenta BN09002129	3	F5		PI 88788
2 LD00-2817P (SCN)	PGibl	Ina x Dwight	12	F5		PI 88788, 437654
3 LD07-3395bf (SCN)	WGbf	Syngenta WW115926 x LD00-2817	7	F5		PI 88788, 437654
4 JTN-4120	WTbr	LG01-5822 x AR8 SCN	1	F12		PI 88788, Columbia
5 JTN-4220	WTbr	LG01-5822 x AR8 SCN	1	F12		PI 88788, Columbia
6 K17-6388	PLtbl	LG11-6208 x K11-2363T	1	F5		PI88788
7 K17-6484	PLtbl	LG11-6208 x K11-2363T	1	F5	STS	PI88788
8 K18-1247	WLtbl	LG11-6208 x K11-2363B	New	F4		88788
9 K18-1396	PGibl	LG11-2963 x K11-2363B	New	F4		88788
10 K18-1471	PTbl	LG11-2963 x K11-2363B	New	F4		88788
11 K18-1783	PLtbl	LD00-3309 x K11-2363T	New	F4		88788
12 K18-1944	WLtbl	LD07-3395bf x K11-2363T	New	F4		88788, 437654
13 K18-2044	PGibl	LD07-3395bf x K11-2363T	New	F4		88788, 437654
14 K18-2401	PGibl	LD09-30224 x K11-2363T	New	F4		88788
15 K18-2419	PGibl	LD09-30224 x K11-2363T	New	F4		88788
16 LD17-10473L	WLtbl	LD07-3395bf x LD12-00268	1	F5		PI 88788, 437654
17 LD18-2922	WLtbl	LD07-3395bf x LD12-8677	New	F5		PI 88788, 437654
18 LD18-2925	WLtbl	LD07-3395bf x LD12-8677	New	F5		PI 88788, 437654
19 LD18-3068	WLtbl	LD13-3673 x U11-614093	New	F5		PI 88788
20 LD18-4159	WLtbl	LD12-8677 x LG11-6760	New	F5		PI 88788
21 LD18-4165	P+WLtbl	LD12-8677 x LG11-6760	New	F5		PI 88788
22 LD18-10010	PLtbl	LD11-10069 x LD13-8470	New	F5	SCN soja	PI 88788, 468916
23 S18-6346	PLtbl	S11-20124 x S13-4214	New		Oil, RKN	Peking
24 S18-6470	WLtbl	S11-17025 x S13-4214	New		SCN, RN	Peking
25 SA18-12111	PLtbl	LD07-3395bf x SA13-1363	New	F5		PI 88788,437654
26 SA18-7490	PLtbr	SA13-5761 x LD11-2170	New	F5	Rps1k	PI 88788
27 SA18-9109	PGibl	SA13-2692 x K13-1515	New	F5		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 LD15-3818 (SCN)	No data available					193	172	175	66	NR
2 LD00-2817P (SCN)						15	17	30	8	HR
3 LD07-3395bf (SCN)						97	13	47	19	R
4 JTN-4120						91	175	80	42	redo
5 JTN-4220						53	22	79	19	R
6 K17-6388						129	229	112	58	LR
7 K17-6484						99	83	138	39	MR
8 K18-1247						198	114	108	52	LR
9 K18-1396						139	76	161	46	LR
10 K18-1471						141	92	133	45	LR
11 K18-1783						187	104	208	61	NR
12 K18-1944						113	129	81	40	LR
13 K18-2044						288	257	172	88	NR
14 K18-2401						132	51	267	55	redo
15 K18-2419						119	74	204	49	redo
16 LD17-10473L						33	40	25	12	R
17 LD18-2922						123	60	96	34	MR
18 LD18-2925						131	162	246	66	NR
19 LD18-3068						222	111	214	67	NR
20 LD18-4159						121	59	109	35	MR
21 LD18-4165						104	105	181	48	LR
22 LD18-10010						73	106	93	33	MR
23 S18-6346						202	119	129	55	LR
24 S18-6470						20	11	198	28	redo
25 SA18-12111						138	120	233	60	NR
26 SA18-7490						273	138	215	77	NR
27 SA18-9109						130	72	117	39	MR

(\*)=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 LD15-3818 (SCN)	no marker data available					
2 LD00-2817P (SCN)	Rhg1-Peking+Rhg4	LgA1	none	S	S	R
3 LD07-3395bf (SCN)	no marker data available					
4 JTN-4120	Rhg1-PI88788	LgA+Ch13	Rps1c	R	S	R
5 JTN-4220	Het Rhg1-PI88788 + Rhg4	Ch13, Het LgA+LgN	Rps1c		Het	R
6 K17-6388	Rhg1-PI88788	Ch13, Het LgA	none	R	S	R
7 K17-6484	Rhg1-PI88788	LgN+Ch13	none	R	S	R
8 K18-1247	Rhg1-PI88788	LgN+Ch13	none	R	S	R
9 K18-1396	Rhg1-PI88788	LgN+Ch13	Rps1c	R	S	R
10 K18-1471	Rhg1-PI88788	LgN+Ch13	Rps1c	R	S	R
11 K18-1783	Rhg1-PI88788	LgN+Ch13	none	R	S	R
12 K18-1944	Rhg1-PI88788	LgN+Ch13	none	Het	S	R
13 K18-2044	Rhg1-PI88788 + Rhg4	LgN+Ch13	none	S	S	R
14 K18-2401	Rhg1-PI88788	LgA1+LgN+Ch13	none	R	S	R
15 K18-2419	Het Rhg1-PI88788	Ch13, Het LgA+LgN	Het Rps1k	Het	S	R
16 LD17-10473L	Rhg1-Peking+Rhg4	Ch13, Het LgN	Het Rps1c	R	S	R
17 LD18-2922	Rhg1-PI88788	Ch13	Rps1c	R	S	R
18 LD18-2925	Rhg1-PI88788	Ch13	Rps1c	S	S	R
19 LD18-3068	none	Ch13	Rps1k	R	S	R
20 LD18-4159	Rhg1-PI88788	LgN+Ch13	none	R	S	R
21 LD18-4165	Rhg1-PI88788	Ch13, Het LgN	Rps1c	R	S	R
22 LD18-10010	none	Ch13, Het LgN	Het Rps1c	R	S	R
23 S18-6346	Het Rhg1-Peking	LgA1	none	Het	S	R
24 S18-6470	Rhg1-Peking	LgA1+Ch13	Rps1c	S	R	S
25 SA18-12111	none	Ch13, Het LgN	none	Het	S	R
26 SA18-7490	none	Ch13	none	S	S	R
27 SA18-9109	Rhg1-PI88788	Ch13	Rps6	R	S	R

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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	8		5		3		8	8	8	7	7	6	6
1 LD15-3818 (SCN)	61.7	15	63.1	11	59.2	20	926	1.3	30	15.2	2.8	35.4	18.9
2 LD00-2817P (SCN)	56.8	24	57.6	23	55.1	24	1	1.7	34	13.3	2.7	33.7	18.9
3 LD07-3395bf (SCN)	59.9	20	61.8	13	56.5	23	-2	1.7	27	15.4	2.6	34.0	19.1
4 JTN-4120	38.4	27	38.9	27	37.3	27	3	2.4	36	12.0	2.3	35.2	16.7
5 JTN-4220	42.1	26	42.7	26	40.8	26	4	2.8	37	11.2	2.3	35.4	16.5
6 K17-6388	65.9	5	64.5	6	67.9	7	3	1.5	32	14.3	2.1	33.9	17.9
7 K17-6484	63.1	13	61.7	14	65.1	10	0	2.0	32	15.2	2.7	34.5	18.6
8 K18-1247	67.4	2	65.3	2	70.7	3	5	2.5	33	13.6	2.3	35.3	17.6
9 K18-1396	66.5	4	64.3	8	69.9	4	-2	2.2	33	14.1	2.0	34.6	18.6
10 K18-1471	65.5	6	62.8	12	69.6	5	2	2.2	31	14.5	2.1	36.5	17.7
11 K18-1783	64.8	7	63.6	10	66.3	8	2	1.3	30	14.1	2.6	34.8	18.3
12 K18-1944	60.8	17	60.1	17	61.7	17	1	1.1	29	16.0	2.5	32.8	19.1
13 K18-2044	64.7	8	65.2	4	63.6	13	0	1.6	29	14.7	2.9	32.8	19.0
14 K18-2401	67.1	3	64.5	6	71.1	2	2	2.2	31	15.6	2.4	34.9	18.3
15 K18-2419	64.6	9	64.8	5	63.9	12	2	1.6	30	14.3	2.6	33.8	19.1
16 LD17-10473L	63.4	12	63.9	9	62.4	14	0	1.6	30	14.8	2.4	34.4	19.1
17 LD18-2922	58.2	23	58.6	22	57.3	22	-1	1.8	28	18.7	2.8	35.8	18.5
18 LD18-2925	60.8	17	59.7	20	62.4	14	-2	1.5	28	16.4	2.7	35.3	18.6
19 LD18-3068	67.7	1	65.3	2	71.3	1	0	1.1	30	17.3	2.3	35.4	18.4
20 LD18-4159	63.9	11	60.5	16	69.2	6	-1	1.3	31	16.7	2.6	34.0	19.6
21 LD18-4165	61.3	16	60.6	15	62.1	16	0	1.4	30	18.2	2.8	35.9	18.9
22 LD18-10010	64.6	9	66.5	1	61.0	19	-2	2.3	32	14.8	2.4	35.1	18.6
23 S18-6346	59.4	21	56.0	25	64.8	11	5	2.3	35	14.8	2.4	34.2	18.5
24 S18-6470	62.1	14	59.9	18	65.3	9	5	2.5	34	14.3	2.5	35.5	17.8
25 SA18-12111	55.3	25	57.6	23	51.2	25	-1	1.9	31	13.0	2.2	31.9	19.7
26 SA18-7490	60.5	19	59.7	19	61.3	18	1	1.4	31	14.7	2.4	35.2	19.3
27 SA18-9109	58.8	22	59.0	21	58.1	21	-1	1.5	29	12.9	2.2	33.1	19.0
Mean	60.9		60.3		61.7		26.8	1.8	31.0	14.8	2.5		
C.V. %	8.4		8.9		7.5		7.1	27.9	7.3				
LSD(2-sided,.05)	2.9		3.9		4.3		1.1	0.3	1.3				
Replications	22		13		9		22	22	22				

2021 SCN UNIFORM IV

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	13		9		4		14	14	14	12	12	10	10
<b>1 LD15-3818 (SCN)</b>	<b>60.5</b>	<b>3</b>	61.5	3	58.1	3	927	1.2	30	15.1	2.5	34.7	19.8
<b>2 LD00-2817P (SCN)</b>	<b>55.0</b>	<b>6</b>	55.6	6	53.4	6	2	1.6	34	13.3	2.6	33.5	19.3
<b>3 LD07-3395bf (SCN)</b>	<b>56.5</b>	<b>5</b>	59.0	5	53.4	5	-2	1.5	28	15.2	2.6	32.7	19.7
<b>4 JTN-4120</b>	<b>40.2</b>	<b>8</b>	40.4	8	38.0	8	4	2.3	37	11.9	2.2	34.5	17.4
<b>5 JTN-4220</b>	<b>42.0</b>	<b>7</b>	42.9	7	40.0	7	5	2.4	37	11.5	2.1	35.0	16.9
<b>6 K17-6388</b>	<b>63.4</b>	<b>1</b>	63.0	1	63.7	1	3	1.3	32	14.4	2.1	33.4	18.7
<b>7 K17-6484</b>	<b>61.5</b>	<b>2</b>	61.1	4	59.1	2	0	1.6	31	15.1	2.5	34.1	19.3
<b>16 LD17-10473L</b>	<b>60.2</b>	<b>4</b>	62.0	2	57.7	4	0	1.4	30	14.5	2.2	34.0	19.7
Mean	<b>54.9</b>		55.7		52.9		1.9	1.7	32.6	13.7	2.4	33.9	18.7



## 2021 SCN UNIFORM IV

## Yield (rank)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
1 LD15-3818 (SCN)	17	2	3	22	11	11	20	23
2 LD00-2817P (SCN)	20	23	15	15	23	22	23	20
3 LD07-3395bf (SCN)	3	7	20	1	25	3	24	22
4 JTN-4120	27	27	27	27	24	27	27	27
5 JTN-4220	26	26	25	26	20	26	26	25
6 K17-6388	23	16	2	11	1	12	6	8
7 K17-6484	25	13	16	17	2	16	12	10
8 K18-1247	10	15	4	6	3	8	2	7
9 K18-1396	13	8	1	6	12	9	5	5
10 K18-1471	6	20	11	18	10	7	8	2
11 K18-1783	18	10	5	14	6	9	7	12
12 K18-1944	19	17	19	19	7	20	10	18
13 K18-2044	2	11	9	10	9	4	18	13
14 K18-2401	21	3	7	4	5	2	1	9
15 K18-2419	12	9	8	13	4	13	11	17
16 LD17-10473L	6	4	14	16	15	1	14	21
17 LD18-2922	9	13	23	2	27	14	22	19
18 LD18-2925	8	19	22	2	26	6	19	16
19 LD18-3068	1	6	12	11	13	5	3	3
20 LD18-4159	11	12	18	20	19	15	4	4
21 LD18-4165	24	5	21	6	14	17	16	14
22 LD18-10010	4	1	9	5	8	23	17	10
23 S18-6346	22	25	5	24	22	25	13	1
24 S18-6470	5	18	13	25	17	24	9	5
25 SA18-12111	15	22	25	23	16	19	25	26
26 SA18-7490	16	21	24	9	18	21	15	15
27 SA18-9109	14	23	17	21	21	18	21	24

2021 SCN UNIFORM IV

Maturity

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
1 LD15-3818 (SCN)	9/23	9/28	9/30	10/1	9/17	9/27	9/24	9/28
2 LD00-2817P (SCN)	2	1	1	4	1	0	1	-2
3 LD07-3395bf (SCN)	-2	-2	0	-1	-6	-1	0	-5
4 JTN-4120	5	6	0	4	4	3	0	1
5 JTN-4220	8	8	1	5	5	4	0	1
6 K17-6388	2	3	1	2	3	5	2	2
7 K17-6484	-1	-1	1	-2	-2	2	0	1
8 K18-1247	2	6	3	8	4	6	5	3
9 K18-1396	-1	-2	1	-1	-6	0	-2	-4
10 K18-1471	-1	2	1	5	-2	5	2	3
11 K18-1783	-1	3	1	2	0	5	3	3
12 K18-1944	-1	3	1	4	-3	2	1	0
13 K18-2044	-1	0	1	0	-2	1	1	1
14 K18-2401	2	4	1	4	-1	5	3	0
15 K18-2419	1	3	2	1	2	4	4	0
16 LD17-10473L	-2	-1	1	-1	-1	1	2	0
17 LD18-2922	-2	-2	-5	-1	-2	0	0	0
18 LD18-2925	-3	-2	-3	-1	-5	-1	0	1
19 LD18-3068	-3	1	0	0	-2	1	3	1
20 LD18-4159	-1	-1	0	-1	-2	-1	-1	-2
21 LD18-4165	-1	0	0	0	-1	3	0	-3
22 LD18-10010	-4	0	0	0	-3	-1	-3	-3
23 S18-6346	4	3	2	13	6	2	3	8
24 S18-6470	6	5	2	6	8	5	6	3
25 SA18-12111	0	0	0	-1	-3	1	-3	-4
26 SA18-7490	-1	2	1	3	-3	4	4	0
27 SA18-9109	-1	0	1	0	-2	4	-2	-5
Planted	5/20	5/21	5/13	6/10	5/20	6/04	5/11	5/15



## 2021 SCN UNIFORM IV

## Lodging (score)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
<b>1 LD15-3818 (SCN)</b>	2.0	1.0	1.0	1.5	1.7	1.0	1.0	1.0
<b>2 LD00-2817P (SCN)</b>	3.5	1.0	1.0	2.7	1.3	1.3	1.3	1.3
<b>3 LD07-3395bf (SCN)</b>	3.0	2.0	1.0	2.3	1.7	1.0	1.3	1.0
<b>4 JTN-4120</b>	3.0	3.0	1.0	3.0	2.7	2.0	2.3	2.3
<b>5 JTN-4220</b>	3.5	3.0	1.0	3.0	3.3	2.3	3.7	2.3
<b>6 K17-6388</b>	3.0	1.0	1.0	1.7	2.0	1.0	1.7	1.0
<b>7 K17-6484</b>	4.0	1.5	1.0	1.7	2.0	1.7	2.7	1.3
<b>8 K18-1247</b>	4.5	2.0	1.0	3.5	2.7	1.3	2.7	2.3
<b>9 K18-1396</b>	4.5	2.0	1.0	2.7	2.0	1.0	3.0	1.7
<b>10 K18-1471</b>	4.0	1.5	1.0	3.3	2.3	1.7	1.7	2.0
<b>11 K18-1783</b>	2.8	1.0	1.0	1.0	1.3	1.0	1.3	1.0
<b>12 K18-1944</b>	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>13 K18-2044</b>	3.8	1.0	1.0	2.3	1.7	1.0	1.0	1.0
<b>14 K18-2401</b>	4.0	1.5	1.0	3.8	2.3	1.3	2.0	1.7
<b>15 K18-2419</b>	2.8	1.5	1.0	1.3	2.0	1.0	1.3	1.7
<b>16 LD17-10473L</b>	2.8	1.5	1.0	2.0	1.3	1.0	1.3	1.7
<b>17 LD18-2922</b>	3.5	2.0	1.0	3.3	1.3	1.7	1.0	0.9
<b>18 LD18-2925</b>	3.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0
<b>19 LD18-3068</b>	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>20 LD18-4159</b>	2.8	1.0	1.0	1.7	1.0	1.0	1.0	1.0
<b>21 LD18-4165</b>	3.5	1.0	1.0	1.7	1.3	1.0	1.0	1.0
<b>22 LD18-10010</b>	3.8	2.5	1.0	4.2	2.0	2.0	1.7	1.3
<b>23 S18-6346</b>	4.0	1.5	1.0	2.7	2.0	2.0	2.7	2.3
<b>24 S18-6470</b>	4.3	2.0	1.0	3.0	2.3	2.0	3.3	2.0
<b>25 SA18-12111</b>	3.5	1.0	1.0	3.3	2.0	1.0	2.0	1.0
<b>26 SA18-7490</b>	1.8	1.0	1.0	2.0	1.7	1.0	1.0	2.0
<b>27 SA18-9109</b>	4.3	1.0	1.0	1.7	1.0	1.0	1.0	1.0

2021 SCN UNIFORM IV

Height (inches)

	Flora	Urbana	Ottawa	Albany	Jackson	Manhattan	Clarkton	Portageville
	IL	IL	KS	MO	TN	KS	MO	MO
SCN HG Type	Inf	Inf	Inf	Inf	1.2.5.7	NI	NI	NI
Strain								
<b>1 LD15-3818 (SCN)</b>	42	34	25	30	30	38	24	18
<b>2 LD00-2817P (SCN)</b>	46	37	25	41	32	46	25	22
<b>3 LD07-3395bf (SCN)</b>	40	32	22	31	25	35	18	16
<b>4 JTN-4120</b>	36	37	29	39	41	46	35	28
<b>5 JTN-4220</b>	36	37	31	37	38	47	39	30
<b>6 K17-6388</b>	43	37	24	37	29	42	26	21
<b>7 K17-6484</b>	44	34	25	33	30	41	28	22
<b>8 K18-1247</b>	44	36	26	33	31	41	28	23
<b>9 K18-1396</b>	44	35	25	33	30	39	30	25
<b>10 K18-1471</b>	42	34	24	33	30	39	24	25
<b>11 K18-1783</b>	41	32	24	31	29	39	24	18
<b>12 K18-1944</b>	42	32	23	30	26	36	25	19
<b>13 K18-2044</b>	40	33	23	30	27	35	23	19
<b>14 K18-2401</b>	42	35	25	35	29	40	23	22
<b>15 K18-2419</b>	38	35	22	31	29	37	24	23
<b>16 LD17-10473L</b>	41	34	24	33	29	38	24	18
<b>17 LD18-2922</b>	38	32	23	31	29	37	21	16
<b>18 LD18-2925</b>	38	30	22	32	25	35	22	18
<b>19 LD18-3068</b>	41	32	25	31	28	36	26	20
<b>20 LD18-4159</b>	43	33	25	33	29	40	25	22
<b>21 LD18-4165</b>	41	35	24	33	29	38	20	19
<b>22 LD18-10010</b>	41	35	26	36	32	43	24	21
<b>23 S18-6346</b>	45	38	28	38	33	45	29	24
<b>24 S18-6470</b>	47	33	28	36	33	44	29	23
<b>25 SA18-12111</b>	40	33	24	35	28	39	26	19
<b>26 SA18-7490</b>	42	34	25	35	29	40	25	22
<b>27 SA18-9109</b>	42	30	24	31	28	38	20	19

## 2021 SCN UNIFORM IV

## Seed Weight (g/100)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
<b>1 LD15-3818 (SCN)</b>	14.3	16.4	15.7		14.4	15.5	14.9	14.9
<b>2 LD00-2817P (SCN)</b>	12.7	14.5	13.8		12.6	13.1	13.1	13.1
<b>3 LD07-3395bf (SCN)</b>	16.1	16.9	16.5		14.3	14.6	14.8	14.8
<b>4 JTN-4120</b>	16.2	11.4	11.0		12.6	10.7	11.0	11.0
<b>5 JTN-4220</b>	10.9	11.4	10.1		11.9	11.3	11.4	11.4
<b>6 K17-6388</b>	12.1	15.7	15.0		14.2	14.9	14.2	14.2
<b>7 K17-6484</b>	14.4	16.7	14.6		14.5	16.1	14.9	14.9
<b>8 K18-1247</b>	12.6	14.7	13.1		12.9	14.8	13.7	13.7
<b>9 K18-1396</b>	13.7	15.5	14.6		13.2	14.0	14.0	14.0
<b>10 K18-1471</b>	13.5	15.8	13.9		12.8	15.6	14.9	14.9
<b>11 K18-1783</b>	13.2	15.5	14.0		13.1	14.5	14.2	14.2
<b>12 K18-1944</b>	14.4	17.9	17.5		14.2	16.2	15.8	15.8
<b>13 K18-2044</b>	15.0	15.9	15.3		13.0	14.7	14.4	14.4
<b>14 K18-2401</b>	14.3	17.6	15.6		14.4	15.8	15.8	15.8
<b>15 K18-2419</b>	13.8	15.8	13.9		14.0	15.2	13.6	13.6
<b>16 LD17-10473L</b>	14.5	15.1	16.9		13.8	13.9	14.7	14.7
<b>17 LD18-2922</b>	18.5	20.9	19.7		16.3	19.3	18.1	18.1
<b>18 LD18-2925</b>	15.7	17.4	18.0		14.3	16.9	16.4	16.4
<b>19 LD18-3068</b>	17.1	18.2	16.6		15.3	18.8	17.7	17.7
<b>20 LD18-4159</b>	16.4	17.6	16.7		16.2	16.5	16.9	16.9
<b>21 LD18-4165</b>	17.1	18.8	19.2		17.2	19.6	17.9	17.9
<b>22 LD18-10010</b>	14.0	15.9	15.0		13.9	15.9	14.4	14.4
<b>23 S18-6346</b>	13.3	15.7	16.2		14.7	15.2	14.4	14.4
<b>24 S18-6470</b>	14.0	15.1	15.0		13.8	14.7	13.8	13.8
<b>25 SA18-12111</b>	12.9	13.9	13.6		12.1	13.3	12.5	12.5
<b>26 SA18-7490</b>	13.6	16.1	15.2		14.2	15.5	14.2	14.2
<b>27 SA18-9109</b>	13.0	13.8	13.6		12.1	13.0	12.5	12.5

## 2021 SCN UNIFORM IV

## Seed Quality (score)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
<b>1 LD15-3818 (SCN)</b>	2.0	2.0	2.0		3.3	2.0	4.7	3.3
<b>2 LD00-2817P (SCN)</b>	3.0	2.0	2.0		4.0	2.0	4.0	2.1
<b>3 LD07-3395bf (SCN)</b>	2.0	2.0	1.0		4.3	2.0	4.0	3.0
<b>4 JTN-4120</b>	2.0	2.0	2.0		2.7	2.0	3.3	2.0
<b>5 JTN-4220</b>	2.0	2.0	2.0		3.0	2.0	3.0	2.0
<b>6 K17-6388</b>	2.0	1.0	2.0		2.3	2.0	3.7	2.0
<b>7 K17-6484</b>	3.0	2.0	2.0		2.7	2.0	4.0	3.0
<b>8 K18-1247</b>	2.0	2.0	2.0		2.0	2.0	3.3	2.7
<b>9 K18-1396</b>	1.0	2.0	1.0		2.7	2.0	3.0	2.0
<b>10 K18-1471</b>	2.0	1.0	2.0		2.7	2.0	3.0	1.7
<b>11 K18-1783</b>	2.0	2.0	2.0		3.0	3.0	4.0	2.0
<b>12 K18-1944</b>	2.0	2.0	2.0		3.0	2.0	4.7	2.0
<b>13 K18-2044</b>	3.0	2.0	2.0		3.7	2.0	5.0	2.3
<b>14 K18-2401</b>	2.0	1.0	2.0		3.3	2.0	4.3	2.0
<b>15 K18-2419</b>	2.0	2.0	2.0		3.3	2.0	4.7	2.0
<b>16 LD17-10473L</b>	1.0	1.0	1.0		4.0	2.0	4.7	3.0
<b>17 LD18-2922</b>	2.0	2.0	2.0		4.0	2.0	4.7	2.7
<b>18 LD18-2925</b>	2.0	1.0	2.0		4.0	2.0	5.0	3.0
<b>19 LD18-3068</b>	2.0	1.0	1.0		3.0	2.0	4.3	3.0
<b>20 LD18-4159</b>	3.0	1.0	2.0		3.3	2.0	4.0	2.7
<b>21 LD18-4165</b>	3.0	2.0	2.0		3.0	2.0	4.3	3.0
<b>22 LD18-10010</b>	2.0	2.0	2.0		3.0	2.0	3.3	2.3
<b>23 S18-6346</b>	2.0	1.0	2.0		3.3	2.0	4.0	2.7
<b>24 S18-6470</b>	3.0	1.0	2.0		3.3	2.0	3.7	2.5
<b>25 SA18-12111</b>	2.0	1.0	2.0		3.0	1.0	4.3	2.0
<b>26 SA18-7490</b>	2.0	1.0	2.0		3.3	2.0	4.0	2.3
<b>27 SA18-9109</b>	2.0	2.0	1.0		3.3	2.0	3.3	2.0

2021 SCN UNIFORM IV

Protein (%)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
1 LD15-3818 (SCN)	35.4	37.7	34.3		35.4	34.3		35.1
2 LD00-2817P (SCN)	32.7	34.5	33.7		35.9	32.8		32.7
3 LD07-3395bf (SCN)	32.5	33.3	34.7		36.9	32.6		34.3
4 JTN-4120	37.0	36.3	34.5		36.6	34.8		31.8
5 JTN-4220	36.1	37.1	34.5		35.5	35.6		33.8
6 K17-6388	34.2	34.3	34.0		34.5	33.2		33.2
7 K17-6484	36.7	35.3	33.5		34.3	33.0		34.0
8 K18-1247	34.3	36.4	35.2		35.9	36.2		33.6
9 K18-1396	35.4	35.6	34.5		35.4	33.5		33.3
10 K18-1471	36.5	37.6	35.9		36.8	36.1		36.0
11 K18-1783	35.2	36.1	35.2		34.4	33.7		34.1
12 K18-1944	33.6	33.8	33.1		32.3	31.5		32.7
13 K18-2044	33.2	32.9	33.0		33.7	30.4		33.6
14 K18-2401	34.8	36.5	34.8		35.5	34.5		33.4
15 K18-2419	33.9	34.4	32.6		35.2	33.8		32.9
16 LD17-10473L	33.5	35.5	35.2		34.6	32.5		34.9
17 LD18-2922	36.2	36.3	36.8		36.1	33.8		35.7
18 LD18-2925	34.8	35.8	36.0		36.4	34.1		34.7
19 LD18-3068	36.1	37.5	35.5		35.4	34.3		33.5
20 LD18-4159	34.4	34.5	34.3		34.9	32.6		33.6
21 LD18-4165	36.8	36.7	35.8		35.0	35.6		35.3
22 LD18-10010	34.9	35.9	34.0		35.1	35.3		35.4
23 S18-6346	34.3	34.4	33.7		34.7	33.8		34.1
24 S18-6470	36.5	36.6	35.0		35.6	34.5		34.8
25 SA18-12111	32.7	32.9	31.6		31.8	31.9		30.6
26 SA18-7490	34.1	37.3	36.1		35.0	34.9		33.9
27 SA18-9109	33.3	34.5	32.6		33.5	32.1		32.4

2021 SCN UNIFORM IV

Oil (%)

SCN HG Type	Flora IL Inf	Urbana IL Inf	Ottawa KS Inf	Albany MO Inf	Jackson TN 1.2.5.7	Manhattan KS NI	Clarkton MO NI	Portageville MO NI
Strain								
<b>1 LD15-3818 (SCN)</b>	18.5	17.9	18.8		20.1	19.4		18.9
<b>2 LD00-2817P (SCN)</b>	19.8	18.5	18.9		18.5	18.4		19.0
<b>3 LD07-3395bf (SCN)</b>	19.6	19.1	18.9		20.0	19.2		17.9
<b>4 JTN-4120</b>	15.9	15.9	16.9		17.1	16.7		17.6
<b>5 JTN-4220</b>	16.1	16.0	16.7		16.9	16.1		16.9
<b>6 K17-6388</b>	17.3	17.5	18.5		18.3	18.0		18.1
<b>7 K17-6484</b>	17.0	18.7	19.0		19.9	19.2		18.0
<b>8 K18-1247</b>	18.4	17.1	17.2		18.3	17.2		17.4
<b>9 K18-1396</b>	18.3	17.9	17.8		19.7	18.8		18.8
<b>10 K18-1471</b>	17.4	17.4	18.0		18.8	17.4		17.4
<b>11 K18-1783</b>	17.9	17.5	18.0		19.4	18.8		17.9
<b>12 K18-1944</b>	17.3	18.9	19.2		20.7	19.1		19.2
<b>13 K18-2044</b>	18.5	18.6	19.0		19.9	19.6		18.2
<b>14 K18-2401</b>	18.3	17.3	18.3		19.1	18.3		18.4
<b>15 K18-2419</b>	19.2	18.9	19.4		19.8	18.6		18.4
<b>16 LD17-10473L</b>	19.2	18.9	17.7		20.3	19.6		18.9
<b>17 LD18-2922</b>	18.0	18.4	17.8		19.8	18.8		18.3
<b>18 LD18-2925</b>	18.0	18.3	18.0		19.7	19.2		18.7
<b>19 LD18-3068</b>	17.7	17.8	18.4		19.8	18.5		18.3
<b>20 LD18-4159</b>	19.0	18.8	19.5		20.4	20.2		19.5
<b>21 LD18-4165</b>	17.9	18.3	19.1		20.4	18.9		18.6
<b>22 LD18-10010</b>	18.0	17.6	19.2		20.2	18.4		18.1
<b>23 S18-6346</b>	18.1	18.6	18.4		19.4	18.4		18.0
<b>24 S18-6470</b>	16.9	17.3	17.8		19.0	18.2		17.7
<b>25 SA18-12111</b>	19.2	18.8	19.8		20.7	19.3		20.0
<b>26 SA18-7490</b>	19.5	17.9	18.7		20.6	19.3		19.9
<b>27 SA18-9109</b>	19.1	17.9	19.0		19.7	19.1		19.1