

2020 SCN UNIFORM IV

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits	SCN Resistance source
1 LD06-7620 (SCN)	PLtbl	IA3023 x LD00-3309	8	F5		PI 88788
2 LD00-2817P (SCN)	PGibl	Ina x Dwight	11	F5		PI 88788, 437654
3 LD07-3395bf (SCN)	WGbf	Syngenta WW115926 x LD00-2817	6	F5		PI 88788, 437654
4 LD17-10645	WTbl	LD12-10534 x LD10-9168	New	F5		PI 88788, soja
5 JTN-4120*	WT	LG01-5822 x AR8 SCN	New	F12		PI 88788, Columbia
6 JTN-4218	WTy	5002T x PI 494182	2	F9	new res source	PI 494182
7 JTN-4220	WTg	LG01-5822 x AR8 SCN	New	F12		PI 88788, Columbia
8 JTN-4419*	PGibl	5601T x PI 437655	1	F9	new res source	PI 437655
9 K16-1208	WGbf	LS07-3125 x K10-8556	1	F4		PI 88788
10 K16-1729	PLtbl	K10-8556 x 435.TCS	1	F4		PI 88788
11 K17-1515	PGibl	LS07-3131 x LD10-9168	New	F5		PI88788
12 K17-1532	PGibl	LS07-3131 x LD10-9168	New	F5		PI88788
13 K17-1720	WGbf	LG11-6208 x LS07-3131	New	F5		PI88788
14 K17-6380	PLtbl	LG11-6208 x K11-2363T	New	F5		PI88788
15 K17-6381	PLtbl	LG11-6208 x K11-2363T	New	F5	STS	PI88788
16 K17-6388	PLtbl	LG11-6208 x K11-2363T	New	F5		PI88788
17 K17-6391	PLtbl	LG11-6208 x K11-2363T	New	F5		PI88788
18 K17-6484	PLtbl	LG11-6208 x K11-2363T	New	F5	STS	PI88788
19 LD15-3818	PLtbl	LD09-3913 x Syngenta BN09002129	2	F5		PI 88788
20 LD16-2955	PLtbl	LD07-3395 x LD10-10219	2	F5		PI 88788, 437654
21 LD17-9755	P+Wltbr	U11-616086 x LDX11-319-7-108	New	F5		PI 88788
22 LD17-9939	PLtbr	LD11-7311 x LDX11-319-7-134	New	F5		PI 88788, soja
23 LD17-10473	Wlt+Gbl/bf	LD07-3395bf x LD12-00268	New	F5		PI 88788, 437654
24 S15-10879C	WGbf	S09-13635 x S11-17025	1		High Oil, SC	PI 437654
25 S13-2743C	WGbf	LS07-3125 x S05-11400	New		High Oil, SC, PRR, FLS, SDS, CRT	PI 437654
26 S17-17797C	WTbr	R09-430 x S11-20124	New		SC, RKN, Excluder	PI 437654
27 S09-13608C	WGbf	LG04-6863 x S04-10364	New		SC	
28 S17-1344C	PTbl	S11-16653 x S13-11434	New		SC, RKN	PI 437654

\* Seed treated with Apron Maxx

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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 LD06-7620 (SCN)	23	17	21	14	R	136	122	124	86	NR
2 LD00-2817P (SCN)	2	1	1	1	HR	0	3	0	1	HR
3 LD07-3395bf (SCN)	22	17	35	17	R	11	26	16	12	R
4 LD17-10645	67	59	42	38	MR	73	67	67	47	LR
5 JTN-4120*	28	41	29	22	R	125	119	108	79	NR
6 JTN-4218	2	1	1	1	HR	.	0	4	1	HR
7 JTN-4220	15	10	11	8	HR	93	101	88	45	LR
8 JTN-4419*	4	2	2	2	HR	5	4	3	3	HR
9 K16-1208	66	45	58	38	MR	115	84	95	66	NR
10 K16-1729	30	27	16	21	R	21	29	16	15	R
11 K17-1515	13	16	16	10	R	113	102	131	78	NR
12 K17-1532	53	45	44	32	MR	82	90	91	59	LR
13 K17-1720	20	14	26	13	R	48	56	59	37	MR
14 K17-6380	13	24	15	12	R	175	166	171	115	NR
15 K17-6381	10	18	12	9	HR	180	166	169	116	NR
16 K17-6388	11	19	8	9	HR	141	122	129	88	NR
17 K17-6391	20	14	17	11	R	112	119	125	57	LR
18 K17-6484	33	24	44	23	R	50	71	52	39	MR
19 LD15-3818	42	35	38	26	MR	58	71	77	46	LR
20 LD16-2955	17	22	10	11	R	150	158	163	106	NR
21 LD17-9755	26	20	38	19	R	55	68	61	41	LR
22 LD17-9939	6	9	3	4	HR	91	89	101	45	LR
23 LD17-10473	8	7	13	6	HR	4	1	2	2	HR
24 S15-10879C	102	93	87	63	NR	47	42	34	20	R
25 S13-2743C	28	21	27	17	R	40	49	68	35	MR
26 S17-17797C	116	129	128	84	NR	46	53	42	32	MR
27 S09-13608C	150	138	167	102	NR	74	85	73	52	LR
28 S17-1344C	58	44	40	41	LR	50	78	49	40	LR

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

## 2020 SCN UNIFORM IV

## 2020 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	5		4		1		6	6	6	5	5	4	4
1 LD06-7620 SCN)	54.2	11	56.9	11	38.6	23	9/29	1.1	29	14.2	2.5	34.2	19.1
2 LD00-2817P (SCN)	52.1	19	53.0	21	48.1	9	3	1.4	34	13.4	2.5	33.2	19.9
3 LD07-3395bf SCN)	51.1	23	55.5	15	44.4	15	-2	1.2	28	14.9	2.7	30.8	20.5
4 LD17-10645	53.1	15	54.9	16	45.8	13	-4	1.6	33	14.4	2.2	32.8	19.9
5 JTN-4120*	43.0	25	42.3	27	40.1	22	4	2.2	37	11.8	2.2	33.7	18.5
6 JTN-4218	41.4	27	42.8	26	29.0	28	5	2.3	33	13.1	2.3	35.8	19.2
7 JTN-4220	41.9	26	43.1	25	37.4	24	5	2.0	37	11.9	1.9	34.5	17.6
8 JTN-4419*	52.8	18	54.7	17	33.9	25	4	1.6	32	12.9	2.3	32.5	20.7
9 K16-1208	53.3	13	55.7	14	50.2	5	2	1.2	33	13.6	2.5	33.0	20.3
10 K16-1729	55.5	6	57.9	7	43.5	18	0	1.0	29	15.3	1.6	33.5	19.7
11 K17-1515	55.5	6	57.2	10	48.7	7	0	1.0	32	15.2	1.9	33.1	20.0
12 K17-1532	55.0	9	60.5	2	30.6	27	1	1.0	31	14.7	2.2	33.3	19.9
13 K17-1720	56.4	4	57.9	9	50.5	4	2	1.0	30	14.1	2.3	34.2	20.0
14 K17-6380	53.0	16	56.2	13	46.1	12	1	1.0	31	14.6	2.0	33.3	19.0
15 K17-6381	56.0	5	58.0	6	45.1	14	2	1.6	34	15.1	1.9	32.8	19.5
16 K17-6388	59.3	1	61.3	1	51.2	3	3	1.0	31	14.5	2.1	32.8	19.8
17 K17-6391	54.9	10	56.7	12	47.6	10	4	1.0	29	15.1	2.1	32.9	20.5
18 K17-6484	59.0	2	60.4	3	41.0	20	0	1.0	30	15.0	2.3	33.5	20.2
19 LD15-3818	58.4	3	59.5	5	55.0	1	-1	1.0	30	15.0	2.2	33.8	20.9
20 LD16-2955	51.6	21	54.3	19	31.8	26	2	1.0	26	16.4	1.9	33.8	20.4
21 LD17-9755	53.2	14	52.9	22	49.8	6	-7	1.0	32	13.3	2.2	32.5	20.4
22 LD17-9939	49.3	24	49.6	24	48.3	8	-5	1.0	30	14.0	2.0	34.5	19.2
23 LD17-10473	55.1	8	59.8	4	43.8	17	0	1.1	30	14.1	2.1	33.4	20.6
24 S15-10879C	51.9	20	53.8	20	41.0	20	3	1.2	32	14.9	2.5	35.8	17.9
25 S13-2743C	54.0	12	57.9	8	44.0	16	4	1.1	34	13.7	2.1	33.8	19.9
26 S17-17797C	33.5	28	32.0	28	43.5	18	12	2.1	29	12.9	1.9	34.3	19.5
27 S09-13608C	51.3	22	52.5	23	46.3	11	8	1.3	34	14.3	2.3	34.4	18.4
28 S17-1344C	53.0	16	54.7	18	54.9	2	9	1.3	34	15.4	2.0	33.9	18.7
Mean	52.1		54.0		43.9		2.1	1.3	31.6	14.2	2.2	33.6	19.6
LSD(.05)	3.9		3.3		12.3								
C.V. %	10.4		7.6		14.3								
Replications	14		11		3								

\*Clarkton, MO yield data not included in means

2020 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	12		8		4		15	15	15	13	13	10	10
<b>1 LD06-7620 (SCN)</b>	<b>53.1</b>	<b>7</b>	55.0	7	47.2	8	9/30	1.2	28	14.1	2.5	34.2	18.5
<b>2 LD00-2817P (SCN)</b>	<b>53.0</b>	<b>8</b>	54.3	9	49.5	6	1	1.5	32	13.5	2.6	33.4	19.1
<b>3 LD07-3395bf (SCN)</b>	<b>55.3</b>	<b>5</b>	58.3	5	51.3	5	-2	1.2	26	15.4	2.7	32.2	19.7
<b>6 JTN-4218</b>	<b>40.0</b>	<b>10</b>	42.0	10	33.5	10	4	2.3	31	12.5	2.5	35.9	18.3
<b>8 JTN-4419*</b>	<b>52.2</b>	<b>9</b>	54.6	8	43.7	9	3	1.7	31	12.5	2.3	32.8	19.7
<b>9 K16-1208</b>	<b>57.3</b>	<b>3</b>	59.2	3	54.2	2	1	1.3	31	14.0	2.4	33.6	19.0
<b>10 K16-1729</b>	<b>57.7</b>	<b>2</b>	59.4	2	52.8	3	-1	1.1	29	15.3	1.8	34.0	18.5
<b>19 LD15-3818</b>	<b>59.2</b>	<b>1</b>	61.1	1	54.9	1	-1	1.1	29	14.9	2.2	34.3	19.6
<b>20 LD16-2955</b>	<b>57.3</b>	<b>3</b>	58.8	4	51.4	4	1	1.1	26	16.7	2.2	34.1	19.5
<b>24 S15-10879C</b>	<b>54.1</b>	<b>6</b>	56.0	6	48.7	7	1	1.2	32	14.5	2.3	35.9	17.1
Mean	<b>53.9</b>		55.9		48.7		0.8	1.4	29.9	14.4	2.3	34.1	19.0

## 2020 SCN UNIFORM IV

## Yield (bu/a)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 SCN)</b>	64.0	79.4	49.8	28.5	35.2	38.6
<b>2 LD00-2817P (SCN)</b>	59.5	70.5	48.0	39.0	34.4	48.1
<b>3 LD07-3395bf SCN)</b>	60.2	75.9	53.2	30.0	33.5	44.4
<b>4 LD17-10645</b>	63.8	73.3	49.6	30.7	33.4	45.8
<b>5 JTN-4120*</b>	48.8	48.6	34.1	27.8	38.3	40.1
<b>6 JTN-4218</b>	40.6	59.4	36.4	23.8	35.3	29.0
<b>7 JTN-4220</b>	44.5	51.1	37.7	28.1	39.9	37.4
<b>8 JTN-4419*</b>	58.4	73.4	49.7	38.3	38.0	33.9
<b>9 K16-1208</b>	58.9	75.1	53.4	28.0	36.0	50.2
<b>10 K16-1729</b>	60.1	75.3	54.3	26.3	42.7	43.5
<b>11 K17-1515</b>	64.8	77.6	48.8	33.3	38.3	48.7
<b>12 K17-1532</b>	66.1	80.7	54.8	26.0	41.2	30.6
<b>13 K17-1720</b>	63.2	76.8	54.8	24.6	37.4	50.5
<b>14 K17-6380</b>	61.9	74.4	54.6	19.2	34.5	46.1
<b>15 K17-6381</b>	65.4	73.1	50.0	29.4	44.2	45.1
<b>16 K17-6388</b>	65.5	78.4	57.2	27.4	44.6	51.2
<b>17 K17-6391</b>	62.2	71.8	52.5	31.6	41.0	47.6
<b>18 K17-6484</b>	64.2	77.6	54.0	30.2	46.4	41.0
<b>19 LD15-3818</b>	68.9	83.0	50.5	29.7	36.4	55.0
<b>20 LD16-2955</b>	59.1	78.1	46.8	29.1	33.9	31.8
<b>21 LD17-9755</b>	61.4	71.0	47.1	22.2	33.0	49.8
<b>22 LD17-9939</b>	50.9	71.5	45.3	19.6	31.3	48.3
<b>23 LD17-10473</b>	69.9	82.0	49.7	24.0	38.4	43.8
<b>24 S15-10879C</b>	56.5	72.4	43.3	34.3	43.7	41.0
<b>25 S13-2743C</b>	59.3	78.5	54.0	27.4	40.6	44.0
<b>26 S17-17797C</b>	53.9	13.7	10.8	50.4	50.4	43.5
<b>27 S09-13608C</b>	54.1	62.0	50.1	20.5	44.4	46.3
<b>28 S17-1344C</b>	61.7	66.8	45.0	36.1	46.0	54.9
<b>Average</b>	59.5	70.4	47.7	29.1	39.0	43.9
<b>LSD(2-sided,.05)</b>	9.8	4.6	5.4	14.3	8.1	12.3
<b>C.V. %</b>	8.0	4.0	6.9	<b>25.1</b>	12.7	14.3
<b>Replications</b>	2	3	3	3	3	3
<b>Row spacing (in.)</b>	30	30	30	30	30	30

## 2020 SCN UNIFORM IV

## Yield (rank)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 (SCN)</b>	8	4	14	14	21	23
<b>2 LD00-2817P (SCN)</b>	17	22	19	2	23	9
<b>3 LD07-3395bf (SCN)</b>	15	11	9	10	25	15
<b>4 LD17-10645</b>	9	16	17	8	26	13
<b>5 JTN-4120*</b>	26	27	27	17	14	22
<b>6 JTN-4218</b>	28	25	26	24	20	28
<b>7 JTN-4220</b>	27	26	25	15	12	24
<b>8 JTN-4419*</b>	21	15	16	3	16	25
<b>9 K16-1208</b>	20	13	8	16	19	5
<b>10 K16-1729</b>	16	12	5	20	8	18
<b>11 K17-1515</b>	6	8	18	6	14	7
<b>12 K17-1532</b>	3	3	2	21	9	27
<b>13 K17-1720</b>	10	10	2	22	17	4
<b>14 K17-6380</b>	12	14	4	28	22	12
<b>15 K17-6381</b>	5	17	13	12	6	14
<b>16 K17-6388</b>	4	6	1	18	4	3
<b>17 K17-6391</b>	11	19	10	7	10	10
<b>18 K17-6484</b>	7	8	6	9	2	20
<b>19 LD15-3818</b>	2	1	11	11	18	1
<b>20 LD16-2955</b>	19	7	21	13	24	26
<b>21 LD17-9755</b>	14	21	20	25	27	6
<b>22 LD17-9939</b>	25	20	22	27	28	8
<b>23 LD17-10473</b>	1	2	15	23	13	17
<b>24 S15-10879C</b>	22	18	24	5	7	20
<b>25 S13-2743C</b>	18	5	6	18	11	16
<b>26 S17-17797C</b>	24	28	28	1	1	18
<b>27 S09-13608C</b>	23	24	12	26	5	11
<b>28 S17-1344C</b>	13	23	23	4	3	2

2020 SCN UNIFORM IV

Maturity

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
1 LD06-7620 (SCN)	9/28	10/08	9/18	9/24	9/19	10/16
2 LD00-2817P (SCN)	3	0	4	8	4	-1
3 LD07-3395bf (SCN)	-3	-8	-2	-1	4	-3
4 LD17-10645	-5	-5	-1	-5	-2	-5
5 JTN-4120*	5	0	11	7	5	-4
6 JTN-4218	4	2	14	6	5	-2
7 JTN-4220	8	0	11	8	7	-4
8 JTN-4419*	4	0	7	8	8	0
9 K16-1208	2	0	7	-3	5	0
10 K16-1729	-2	0	4	-1	2	-2
11 K17-1515	2	0	2	-1	1	-3
12 K17-1532	2	0	4	-2	2	-3
13 K17-1720	4	0	5	1	3	1
14 K17-6380	2	0	4	-1	3	-2
15 K17-6381	2	0	5	3	2	-2
16 K17-6388	2	0	6	5	4	-1
17 K17-6391	5	0	9	6	4	1
18 K17-6484	2	-1	4	0	-1	-2
19 LD15-3818	2	0	-2	2	-2	-4
20 LD16-2955	2	0	4	4	4	-3
21 LD17-9755	-3	-7	-5	-10	-9	-5
22 LD17-9939	-3	-6	-2	-7	-11	-5
23 LD17-10473	-2	-6	2	2	6	-3
24 S15-10879C	3	1	7	5	4	-1
25 S13-2743C	5	1	12	4	4	0
26 S17-17797C	12	9	17	15	16	4
27 S09-13608C	11	6	14	0	16	-1
28 S17-1344C	7	3	15	15	12	3
Planted	6/02	6/08	5/20	6/04	5/21	6/12

## 2020 SCN UNIFORM IV

## Lodging (score)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 (SCN)</b>	1.3	1.3	1.0	1.0	1.0	1.0
<b>2 LD00-2817P (SCN)</b>	1.8	2.0	1.0	1.0	1.3	1.3
<b>3 LD07-3395bf (SCN)</b>	1.0	1.0	1.0	1.3	1.7	1.3
<b>4 LD17-10645</b>	2.0	2.0	1.0	2.0	1.3	1.0
<b>5 JTN-4120*</b>	2.8	2.3	2.0	1.3	2.3	2.3
<b>6 JTN-4218</b>	2.8	3.0	3.0	1.0	2.7	1.3
<b>7 JTN-4220</b>	2.0	2.3	1.7	1.7	2.7	1.3
<b>8 JTN-4419*</b>	2.0	2.0	1.0	2.0	1.3	1.0
<b>9 K16-1208</b>	1.5	1.7	1.0	1.0	1.0	1.0
<b>10 K16-1729</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>11 K17-1515</b>	1.3	1.0	1.0	1.0	1.0	1.0
<b>12 K17-1532</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>13 K17-1720</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>14 K17-6380</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>15 K17-6381</b>	2.3	2.0	1.3	1.3	2.0	1.0
<b>16 K17-6388</b>	1.3	1.0	1.0	1.0	1.0	1.0
<b>17 K17-6391</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>18 K17-6484</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>19 LD15-3818</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>20 LD16-2955</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>21 LD17-9755</b>	1.0	1.0	1.0	1.0	1.0	1.0
<b>22 LD17-9939</b>	1.3	1.0	1.0	1.0	1.0	1.0
<b>23 LD17-10473</b>	1.0	1.0	1.0	1.0	1.3	1.0
<b>24 S15-10879C</b>	1.0	2.0	1.0	1.0	1.0	1.0
<b>25 S13-2743C</b>	1.5	1.3	1.0	1.0	1.0	1.0
<b>26 S17-17797C</b>	3.0	2.7	2.7	1.3	2.0	1.0
<b>27 S09-13608C</b>	1.5	1.7	1.0	1.0	1.3	1.0
<b>28 S17-1344C</b>	2.0	1.7	1.0	1.0	1.0	1.0



2020 SCN UNIFORM IV

Height (inches)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 (SCN)</b>	35	40	31	21	27	18
<b>2 LD00-2817P (SCN)</b>	41	45	38	24	30	24
<b>3 LD07-3395bf (SCN)</b>	33	36	31	22	27	20
<b>4 LD17-10645</b>	42	42	35	23	32	23
<b>5 JTN-4120*</b>	44	45	41	30	34	29
<b>6 JTN-4218</b>	42	44	40	21	31	21
<b>7 JTN-4220</b>	42	45	41	32	35	29
<b>8 JTN-4419*</b>	40	42	37	26	27	22
<b>9 K16-1208</b>	38	43	37	25	30	23
<b>10 K16-1729</b>	33	39	34	23	27	21
<b>11 K17-1515</b>	40	41	35	22	33	23
<b>12 K17-1532</b>	39	39	35	22	29	20
<b>13 K17-1720</b>	37	39	34	22	29	22
<b>14 K17-6380</b>	36	40	36	22	28	22
<b>15 K17-6381</b>	41	45	37	25	33	23
<b>16 K17-6388</b>	35	41	37	22	29	22
<b>17 K17-6391</b>	36	38	33	21	26	22
<b>18 K17-6484</b>	36	40	37	22	27	20
<b>19 LD15-3818</b>	35	41	32	22	27	23
<b>20 LD16-2955</b>	32	36	28	19	25	18
<b>21 LD17-9755</b>	39	42	35	24	28	25
<b>22 LD17-9939</b>	34	40	33	22	29	23
<b>23 LD17-10473</b>	37	38	33	21	29	20
<b>24 S15-10879C</b>	39	42	36	23	30	25
<b>25 S13-2743C</b>	41	45	40	23	33	21
<b>26 S17-17797C</b>	31	37	37	22	30	19
<b>27 S09-13608C</b>	42	46	39	22	33	23
<b>28 S17-1344C</b>	40	42	38	30	32	24

## 2020 SCN UNIFORM IV

## Seed Weight (g/100)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 SCN)</b>	14.1	15.0		12.7	14.3	14.9
<b>2 LD00-2817P (SCN)</b>	12.4	14.0		12.2	13.2	15.2
<b>3 LD07-3395bf SCN)</b>	14.6	16.0		12.6	14.8	16.4
<b>4 LD17-10645</b>	13.4	16.0		12.4	13.9	16.1
<b>5 JTN-4120*</b>	12.4	11.0		10.4	12.3	12.7
<b>6 JTN-4218</b>	11.6	14.0		10.8	13.2	16.1
<b>7 JTN-4220</b>	12.1	11.0		10.3	12.5	13.4
<b>8 JTN-4419*</b>	11.6	13.0		11.6	12.5	16.0
<b>9 K16-1208</b>	12.0	14.0		11.8	14.1	16.1
<b>10 K16-1729</b>	13.4	17.0		12.8	14.5	18.7
<b>11 K17-1515</b>	14.9	16.0		12.8	13.5	18.6
<b>12 K17-1532</b>	14.4	16.0		11.6	13.3	18.3
<b>13 K17-1720</b>	13.7	16.0		11.4	13.2	16.1
<b>14 K17-6380</b>	14.4	15.0		11.5	14.6	17.5
<b>15 K17-6381</b>	14.0	17.0		12.0	15.0	17.4
<b>16 K17-6388</b>	13.6	16.0		12.4	13.0	17.3
<b>17 K17-6391</b>	13.6	15.0		13.3	15.6	17.8
<b>18 K17-6484</b>	14.5	16.0		12.7	15.0	16.8
<b>19 LD15-3818</b>	14.7	16.0		13.1	14.4	16.6
<b>20 LD16-2955</b>	16.0	18.0		14.0	14.8	19.1
<b>21 LD17-9755</b>	12.6	15.0		10.7	13.2	15.2
<b>22 LD17-9939</b>	13.7	15.0		11.0	14.1	16.1
<b>23 LD17-10473</b>	13.1	14.0		11.9	15.0	16.4
<b>24 S15-10879C</b>	12.9	14.0		13.4	16.7	17.6
<b>25 S13-2743C</b>	12.4	13.0		11.9	14.4	16.7
<b>26 S17-17797C</b>	10.9	12.0		11.9	14.1	15.6
<b>27 S09-13608C</b>	12.9	14.0		11.2	17.1	16.2
<b>28 S17-1344C</b>	14.8	15.0		13.6	15.7	17.8

## 2020 SCN UNIFORM IV

## Seed Quality (score)

SCN HG Type	Flora IL	Manhattan KS	Ottawa KS	Clarkton MO	Jackson TN	Portageville MO
	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 SCN)</b>	1.0	2.0		3.0	3.7	3.0
<b>2 LD00-2817P (SCN)</b>	2.0	2.0		3.0	3.3	2.0
<b>3 LD07-3395bf SCN)</b>	2.0	2.0		3.0	3.7	2.7
<b>4 LD17-10645</b>	1.0	2.0		3.0	3.0	2.0
<b>5 JTN-4120*</b>	2.0	2.0		3.0	2.0	2.0
<b>6 JTN-4218</b>	2.0	2.0		2.3	2.3	2.7
<b>7 JTN-4220</b>	2.0	1.0		2.3	2.0	2.3
<b>8 JTN-4419*</b>	2.0	2.0		2.3	3.0	2.0
<b>9 K16-1208</b>	2.0	2.0		2.7	3.0	3.0
<b>10 K16-1729</b>	1.0	1.0		2.0	2.0	2.0
<b>11 K17-1515</b>	1.0	2.0		2.3	2.3	2.0
<b>12 K17-1532</b>	1.0	2.0		3.0	3.0	2.0
<b>13 K17-1720</b>	2.0	2.0		2.0	3.0	2.3
<b>14 K17-6380</b>	1.0	2.0		2.3	2.7	2.0
<b>15 K17-6381</b>	1.0	2.0		2.7	2.0	2.0
<b>16 K17-6388</b>	1.0	2.0		2.3	2.7	2.7
<b>17 K17-6391</b>	2.0	2.0		2.7	2.0	2.0
<b>18 K17-6484</b>	2.0	2.0		2.3	3.0	2.0
<b>19 LD15-3818</b>	1.0	2.0		2.3	3.0	2.7
<b>20 LD16-2955</b>	1.0	1.0		2.7	2.7	2.0
<b>21 LD17-9755</b>	1.0	2.0		2.7	2.3	3.0
<b>22 LD17-9939</b>	1.0	2.0		2.7	2.0	2.3
<b>23 LD17-10473</b>	1.0	1.0		2.3	3.0	3.0
<b>24 S15-10879C</b>	2.0	2.0		2.7	2.7	3.0
<b>25 S13-2743C</b>	1.0	2.0		3.0	2.3	2.3
<b>26 S17-17797C</b>	2.0	2.0		2.0	1.7	2.0
<b>27 S09-13608C</b>	2.0	2.0		2.0	2.7	2.7
<b>28 S17-1344C</b>	1.0	2.0		2.7	2.0	2.3

## 2020 SCN UNIFORM IV

## Protein (%)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 SCN)</b>	33.2	33.2		35.6	34.7	
<b>2 LD00-2817P (SCN)</b>	32.4	31.6		33.5	35.5	
<b>3 LD07-3395bf SCN)</b>	32.1	31.4		34.7	33.4	
<b>4 LD17-10645</b>	31.7	32.5		32.7	34.5	
<b>5 JTN-4120*</b>	35.6	32.8		33.3	33.1	
<b>6 JTN-4218</b>	34.7	35.2		38.0	35.4	
<b>7 JTN-4220</b>	35.8	33.0		34.1	34.9	
<b>8 JTN-4419*</b>	32.7	31.0		33.0	33.2	
<b>9 K16-1208</b>	31.7	31.9		34.4	34.0	
<b>10 K16-1729</b>	32.4	34.0		35.5	32.3	
<b>11 K17-1515</b>	34.2	31.4		34.5	32.3	
<b>12 K17-1532</b>	33.5	31.5		36.2	32.2	
<b>13 K17-1720</b>	33.9	34.1		36.1	32.4	
<b>14 K17-6380</b>	33.3	.		34.7	31.8	
<b>15 K17-6381</b>	34.6	32.2		33.1	31.2	
<b>16 K17-6388</b>	33.6	31.2		35.3	31.0	
<b>17 K17-6391</b>	32.0	31.7		34.8	33.3	
<b>18 K17-6484</b>	34.9	32.6		34.9	31.8	
<b>19 LD15-3818</b>	34.2	33.9		34.7	32.1	
<b>20 LD16-2955</b>	33.6	32.7		34.6	34.2	
<b>21 LD17-9755</b>	33.6	30.9		33.9	31.5	
<b>22 LD17-9939</b>	35.9	33.3		34.7	34.1	
<b>23 LD17-10473</b>	33.2	31.5		34.2	34.6	
<b>24 S15-10879C</b>	36.0	34.2		36.4	36.5	
<b>25 S13-2743C</b>	34.5	32.2		34.3	34.1	
<b>26 S17-17797C</b>	34.1	.		33.6	35.3	
<b>27 S09-13608C</b>	33.8	33.0		35.0	35.7	
<b>28 S17-1344C</b>	32.9	33.2		34.7	34.8	

## 2020 SCN UNIFORM IV

## Oil (%)

	Flora	Manhattan	Ottawa	Clarkton	Jackson	Portageville
	IL	KS	KS	MO	TN	MO
SCN HG Type	2.5.7	Inf	Inf	2.5.7	1.2.5.7	NI
Strain						
<b>1 LD06-7620 SCN)</b>	19.2	18.9		18.6	19.7	
<b>2 LD00-2817P (SCN)</b>	20.4	20.0		19.2	19.9	
<b>3 LD07-3395bf SCN)</b>	21.6	20.7		18.7	20.8	
<b>4 LD17-10645</b>	20.1	18.9		19.7	21.1	
<b>5 JTN-4120*</b>	17.6	17.4		19.1	19.8	
<b>6 JTN-4218</b>	19.3	17.9		19.0	20.5	
<b>7 JTN-4220</b>	17.5	17.3		17.4	18.0	
<b>8 JTN-4419*</b>	20.9	20.8		19.6	21.7	
<b>9 K16-1208</b>	20.7	19.5		19.8	21.4	
<b>10 K16-1729</b>	20.1	18.9		18.2	21.5	
<b>11 K17-1515</b>	19.0	19.4		19.3	22.2	
<b>12 K17-1532</b>	19.9	19.2		18.2	22.5	
<b>13 K17-1720</b>	20.0	19.5		19.0	21.8	
<b>14 K17-6380</b>	18.9	.		17.9	20.2	
<b>15 K17-6381</b>	18.9	18.9		18.1	22.0	
<b>16 K17-6388</b>	19.9	19.1		18.5	21.5	
<b>17 K17-6391</b>	20.8	20.1		18.6	22.3	
<b>18 K17-6484</b>	19.9	19.2		18.8	23.0	
<b>19 LD15-3818</b>	20.2	19.5		20.0	23.9	
<b>20 LD16-2955</b>	19.9	20.1		20.0	21.8	
<b>21 LD17-9755</b>	19.2	20.2		19.6	22.6	
<b>22 LD17-9939</b>	17.8	19.0		18.4	21.5	
<b>23 LD17-10473</b>	20.8	20.7		19.5	21.3	
<b>24 S15-10879C</b>	18.0	18.2		16.9	18.7	
<b>25 S13-2743C</b>	19.8	18.7		18.9	22.3	
<b>26 S17-17797C</b>	19.0	.		19.5	20.0	
<b>27 S09-13608C</b>	18.1	17.7		18.6	19.0	
<b>28 S17-1344C</b>	19.4	17.3		18.0	20.2	