

## 2022 SCN PRELIMINARY IIIA

Strain	FPhm	Parentage	Gen.	Cooperator reported	
			Comp.	Traits	SCN Resistance source
1 LD11-2170 (SCN)	PLtbr	Syngenta 03JR313108 x LD05-3171	F5		PI 88788
2 U15-606207 (SCN)	PGbf	LD07-3419 x U09-105007	F5	Rps	PI 88788,437654
3 LD07-3395bf (SCN)	WGbf	Syngenta WW115926 x LD00-2817	F5		PI 88788,437654
4 U14-910097 (SCN)	PGbf	U09-105007 x LD07-3419	F5		PI 88788,437654
5 A16203-92	P+Wbf/ibl	(AR13-331018 x 41-43) x LD10-10198	F5		PI 88788, 437654
6 A16204-92	WLtbl/br	(AR13-331018 x 51-34) x U11-911079	F5		PI 88788, 437654
7 A16204-93	PTbl	(AR13-331018 x 51-34) x U11-911079	F5		PI 88788, 437654
8 A16212-25	PLty	(AR13-331018 x PI603915C) x U11-622148	F5		PI 88788, 437654
9 LD19-1957	PLtbr	LD12-459 x LD11-2170	F5		PI 88788
10 LD19-7156	PLtbl	LD12-459 x LD11-2170	F5		PI 88788
11 U19-048025	PGibl	LD12-459 x U14-910097	F5	Rps	PI 88788,437654
12 U19-050115	PLtbl	U14-910097 x U14-903100	F5	Rps	PI 88788,437654
13 U19-063133	PGbf	U14-903100 x U14-924158	F5	IDC,Rps	PI 88788,437654
14 U19-064130	PLtbr	U14-903100 x U14-924158	F5	IDC, Rps	PI 88788,437654
15 U19-072078	PLtbr	LD12-3903 x U14-910097	F5	Rps	PI 88788,437654
16 U19-074083	PGbf/ibl	LD12-459 x U14-910097	F5	Rps	PI 88788,437654
17 U19-077092	PLt+Gbr/bf	U14-903100 x LD12-3903	F5	Rps	PI 88788
18 U19-078104	PLtbr	U14-903100 x U14-924158	F5	IDC,Rps	PI 88788,437654
19 U19-220018	PGbf	U14-910097 x U14-909100	F5	Rps	PI 88788,437654
20 U19-221019	PGbf/ibl	U14-910097 x U14-909100	F5	Rps	PI 88788,437654
21 U19-221027	PGbf	U14-910097 x U14-909100	F5	Rps	PI 88788,437654
22 U19-251138	PGibl	U14-925152 x U14-909100	F5	IDC,Rps	PI 88788,437654
23 U19-251153	PGibl	U14-925152 x U14-909100	F5	IDC,Rps	PI 88788,437654
24 U19-252167	PGibl	U14-925152 x U14-909100	F5	IDC,Rps	PI 88788,437654
25 U20-913091	PLtgr	ORC_3713N x LD14-3702	F5		PI 88788

## 2022 SCN PRELIMINARY IIIA

Entry	SNP marker analysis		
	SCN		
	Rhg1-88788	Rhg1-Peking	Rhg4
1 LD11-2170 (SCN)			
2 U15-606207 (SCN)			
3 LD07-3395bf (SCN)			
4 U14-910097 (SCN)			
5 A16203-92	R	S	S
6 A16204-92	Het	Het	R
7 A16204-93	R	S	S
8 A16212-25	S	S	S
9 LD19-1957	R	S	S
10 LD19-7156	R	S	S
11 U19-048025	Het	Het	R
12 U19-050115	S	S	S
13 U19-063133	S	S	S
14 U19-064130	S	S	S
15 U19-072078	R	S	Het
16 U19-074083	S	R	S
17 U19-077092	S	Het	Het
18 U19-078104	S	S	S
19 U19-220018	R	S	R
20 U19-221019	R	S	R
21 U19-221027	Het	Het	R
22 U19-251138	R	S	R
23 U19-251153	S	S	Het
24 U19-252167	S	R	R
25 U20-913091	.	S	.

## 2022 SCN PRELIMINARY IIIA

## Predicted resistance genes based on SNP marker analysis

Entry	SCN	Iron Chlorosis	Phytophthora	Root Knot Nematode	Brown Stem Rot	Frogeye Leaf Spot	Stem Canker
1 LD11-2170 (SCN)							
2 U15-606207 (SCN)							
3 LD07-3395bf (SCN)							
4 U14-910097 (SCN)							
5 A16203-92	Rhg1_PI88788	R-LgN + R-Ch13		S	R	S	R
6 A16204-92	Het-Rhg1 - SCN Peking	R-(LgA1+LgN+Ch13)		S	S	S	R
7 A16204-93	Rhg1_PI88788	R-(LgN+Ch13)		S	S	S	R
8 A16212-25	none	R-(LgA1+Ch13)	Rps1k	S	S	S	Het
9 LD19-1957	Rhg1_PI88788	R-(LgN+Ch13)		S	R	S	R
10 LD19-7156	Rhg1_PI88788	R-(LgN+Ch13)		S	R	S	R
11 U19-048025	Het-Rhg1, R-Rhg4	Het-LgN + R-Ch13		S		S	R
12 U19-050115	none	Het-LgA1 + R-Ch13		S	S	S	R
13 U19-063133	none	R-(LgA1+Ch13)	Rps6	S	S	S	R
14 U19-064130	none	R-(LgA1+Ch13)	Rps6	S	S	S	R
15 U19-072078	Rhg1_PI88788, Het Rhg4	R-Ch13		S	Het	S	R
16 U19-074083	Rhg1-Peking	R-Ch13		S	S	S	R
17 U19-077092	Het-SCN Peking	R-Ch13	Het-Rps1c	S	Het	S	R
18 U19-078104	none	R-(LgA1+Ch13)		S		S	R
19 U19-220018	Rhg1_PI88788+Rhg4	R-(LgA1+Ch13)		S	S	S	R
20 U19-221019	Rhg1_PI88788+Rhg4	R-(LgA1+Ch13)		S	S	S	R
21 U19-221027	Het-Rhg1 - SCN Peking	R-(LgA1+Ch13)		S	S	S	R
22 U19-251138	Rhg1_PI88788+Rhg4	Het-LgN + R-Ch13		S	S	S	R
23 U19-251153	Het-Rhg4	R-(LgA1+Ch13)		S	Het	S	R
24 U19-252167	Rhg1-Peking+Rhg4	Het-LgN + R-Ch13		S	S	S	R
25 U20-913091	missing data	Het-LgN + R-Ch13	Het-Rps1c	S	Het	S	R

## 2022 SCN PRELIMINARY IIIA

## 2022 Summary

Entry	Yield						Maturity date	Lodging score	Height in.	Seed	
	All bu/a	rank	Infested bu/a	rank	Non-infested bu/a	rank				weight g/100	quality score
Locations	8		7		1		8	7	6	5	5
1 LD11-2170 (SCN)	61.3	7	59.1	12	76.9	8	10/02	1.3	30	16.3	1.4
2 U15-606207 (SCN)	62.3	6	59.2	10	83.8	2	3	1.5	30	16.4	1.5
3 LD07-3395bf (SCN)	63.4	5	60.6	5	82.4	4	5	1.4	30	16.6	1.6
4 U14-910097 (SCN)	66.0	1	64.8	1	74.2	11	1	1.6	30	15.8	1.8
5 A16203-92	54.2	22	54.0	22	55.7	22	0	1.2	29	13.7	1.4
6 A16204-92	48.2	25	49.4	25	40.2	24	-1	1.3	30	15.7	1.6
7 A16204-93	50.6	24	51.9	24	41.5	23	0	1.4	32	14.9	1.6
8 A16212-25	53.7	23	52.8	23	60.1	21	-1	1.4	35	16.1	1.8
9 LD19-1957	61.0	8	60.0	6	68.3	18	0	1.1	33	17.6	1.4
10 LD19-7156	63.5	4	62.0	3	74.3	10	1	1.2	30	14.5	1.8
11 U19-048025	60.2	15	59.2	11	67.3	20	-1	1.2	28	15.3	1.2
12 U19-050115	56.6	19	54.4	21	72.0	13	2	1.4	33	16.4	1.6
13 U19-063133	59.0	16	56.0	17	80.0	6	1	1.3	31	16.5	1.2
14 U19-064130	60.9	9	57.4	15	85.1	1	3	1.4	30	15.5	1.4
15 U19-072078	60.7	10	59.7	7	67.8	19	0	1.2	30	16.8	1.6
16 U19-074083	60.6	11	57.4	16	83.5	3	1	1.2	31	14.5	1.7
17 U19-077092	57.7	17	54.8	20	78.5	7	2	1.5	31	16.4	1.4
18 U19-078104	57.6	18	54.9	18	76.7	9	0	1.3	28	16.5	1.4
19 U19-220018	64.3	2	61.9	4	80.6	5	0	1.4	33	16.8	1.8
20 U19-221019	60.6	11	59.5	8	68.4	16	1	1.3	35	15.2	1.6
21 U19-221027	63.7	3	62.3	2	73.7	12	2	1.4	33	16.8	1.6
22 U19-251138	60.6	11	59.0	13	71.5	14	2	1.6	33	16.6	1.7
23 U19-251153	56.5	21	54.8	19	68.3	17	2	1.4	32	16.1	1.4
24 U19-252167	56.6	19	59.0	14	40.2	25	0	1.5	29	16.9	1.5
25 U20-913091	60.5	14	59.4	9	68.7	15	4	1.8	39	17.4	2.0
Mean	59.2		57.7		69.6		1.1	1.4	31.4	16.1	1.6
C.V. %	8.7		8.4		10.0						
LSD(.05)	3.6		3.6		17.1						
Replications	16		14		2						



## 2022 SCN PRELIMINARY IIIA

## Yield (rank)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	12	4	4	16	13	24	6	8
<b>2 U15-606207 (SCN)</b>	11	10	7	22	3	3	21	2
<b>3 LD07-3395bf (SCN)</b>	8	1	3	9	14	19	5	4
<b>4 U14-910097 (SCN)</b>	1	2	1	7	1	22	7	11
<b>5 A16203-92</b>	13	24	13	24	22	14	12	22
<b>6 A16204-92</b>	19	25	10	25	25	18	25	24
<b>7 A16204-93</b>	20	23	16	17	24	23	24	23
<b>8 A16212-25</b>	25	7	24	13	20	20	22	21
<b>9 LD19-1957</b>	9	13	14	18	4	6	8	18
<b>10 LD19-7156</b>	3	14	11	8	9	7	3	10
<b>11 U19-048025</b>	16	3	12	4	23	15	2	20
<b>12 U19-050115</b>	24	21	17	3	12	13	23	13
<b>13 U19-063133</b>	21	5	22	21	10	9	16	6
<b>14 U19-064130</b>	22	8	15	5	15	10	9	1
<b>15 U19-072078</b>	7	6	5	1	15	12	14	19
<b>16 U19-074083</b>	18	16	21	9	11	1	13	3
<b>17 U19-077092</b>	15	19	19	19	19	16	20	7
<b>18 U19-078104</b>	17	20	20	20	15	17	18	9
<b>19 U19-220018</b>	4	22	2	13	6	21	1	5
<b>20 U19-221019</b>	2	17	8	11	7	25	11	16
<b>21 U19-221027</b>	14	10	6	2	2	5	4	12
<b>22 U19-251138</b>	5	15	23	12	5	4	17	14
<b>23 U19-251153</b>	23	18	25	15	20	8	10	17
<b>24 U19-252167</b>	6	12	9	23	8	11	15	25
<b>25 U20-913091</b>	10	9	18	6	18	2	19	15

## 2022 SCN PRELIMINARY IIIA

## Maturity

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
1 LD11-2170 (SCN)	10/7	9/23	10/02	10/06	9/29	10/06	10/04	9/29
2 U15-606207 (SCN)	2	5	0	4	3	5	-1	6
3 LD07-3395bf (SCN)	3	6	1	4	6	5	3	11
4 U14-910097 (SCN)	3	0	1	4	1	-3	-1	3
5 A16203-92	2	2	0	3	-3	-1	1	-1
6 A16204-92	-1	-1	0	-3	-4	-1	-2	0
7 A16204-93	0	0	-1	-2	-2	-3	1	2
8 A16212-25	1	1	0	-1	-3	-2	-2	1
9 LD19-1957	2	-1	0	-1	-2	-3	1	1
10 LD19-7156	1	4	1	0	-1	-2	2	3
11 U19-048025	0	-1	0	-4	-1	-3	-1	-1
12 U19-050115	2	4	0	4	2	2	-2	5
13 U19-063133	2	3	0	1	2	-2	-1	4
14 U19-064130	3	5	1	4	0	2	1	6
15 U19-072078	1	0	-1	1	2	-3	1	2
16 U19-074083	2	2	1	3	0	2	0	2
17 U19-077092	2	3	1	3	3	-2	1	5
18 U19-078104	2	-1	2	1	1	-3	-3	5
19 U19-220018	0	-1	1	1	-1	-3	-1	3
20 U19-221019	1	1	0	2	-1	-1	2	4
21 U19-221027	2	1	1	1	4	1	3	5
22 U19-251138	2	2	3	2	2	0	1	7
23 U19-251153	2	2	1	4	2	2	1	5
24 U19-252167	0	0	0	1	0	-2	-1	1
25 U20-913091	6	6	2	4	2	3	7	5
Planted	6/04	5/17	6/17	6/21	6/07	6/16	5/31	6/02

## 2022 SCN PRELIMINARY IIIA

## Lodging (score)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	1.0	1.0	1.0	1.8	1.5	1.5		1.0
<b>2 U15-606207 (SCN)</b>	2.0	1.5	1.0	1.3	1.5	1.5		1.5
<b>3 LD07-3395bf (SCN)</b>	2.5	1.3	1.0	1.3	1.5	1.5		1.0
<b>4 U14-910097 (SCN)</b>	3.0	1.5	1.0	1.3	1.8	1.5		1.0
<b>5 A16203-92</b>	1.5	1.0	1.0	1.0	1.3	1.5		1.0
<b>6 A16204-92</b>	2.0	1.0	1.0	1.3	1.5	1.5		1.0
<b>7 A16204-93</b>	2.0	1.5	1.0	1.0	1.5	1.5		1.0
<b>8 A16212-25</b>	2.0	1.5	1.0	1.0	1.5	1.5		1.5
<b>9 LD19-1957</b>	1.5	1.0	1.0	1.0	1.0	1.5		1.0
<b>10 LD19-7156</b>	1.5	1.3	1.0	1.0	1.0	1.5		1.0
<b>11 U19-048025</b>	1.5	1.5	1.0	1.0	1.0	1.5		1.0
<b>12 U19-050115</b>	2.0	1.3	1.0	1.5	1.5	1.5		1.0
<b>13 U19-063133</b>	1.5	1.3	1.0	1.0	1.3	1.5		1.5
<b>14 U19-064130</b>	2.0	1.5	1.0	1.3	1.5	1.5		1.0
<b>15 U19-072078</b>	1.0	1.5	1.0	1.0	1.5	1.5		1.0
<b>16 U19-074083</b>	1.5	1.3	1.0	1.0	1.3	1.5		1.0
<b>17 U19-077092</b>	2.0	1.5	2.0	1.0	1.5	1.5		1.0
<b>18 U19-078104</b>	2.0	1.0	1.0	1.0	1.3	1.5		1.0
<b>19 U19-220018</b>	2.0	1.0	1.0	1.5	2.0	1.5		1.0
<b>20 U19-221019</b>	1.5	1.5	1.0	1.0	1.8	1.5		1.0
<b>21 U19-221027</b>	2.0	1.3	1.0	1.5	1.5	1.5		1.0
<b>22 U19-251138</b>	2.5	1.5	1.0	1.0	1.8	2.5		1.0
<b>23 U19-251153</b>	2.0	1.3	1.0	1.3	1.3	2.0		1.0
<b>24 U19-252167</b>	2.5	1.5	1.0	1.3	1.5	1.5		1.0
<b>25 U20-913091</b>	2.0	2.0	1.0	1.5	2.0	2.5		1.5



## 2022 SCN PRELIMINARY IIIA

## Height (inches)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	33	37	31	28	27	22		
<b>2 U15-606207 (SCN)</b>	34	33	33	27	28	27		
<b>3 LD07-3395bf (SCN)</b>	35	34	32	28	26	25		
<b>4 U14-910097 (SCN)</b>	37	32	31	29	28	26		
<b>5 A16203-92</b>	34	33	31	26	27	26		
<b>6 A16204-92</b>	36	32	33	27	26	29		
<b>7 A16204-93</b>	35	36	34	34	31	24		
<b>8 A16212-25</b>	37	38	39	34	31	30		
<b>9 LD19-1957</b>	38	36	35	33	32	26		
<b>10 LD19-7156</b>	35	34	32	28	28	26		
<b>11 U19-048025</b>	30	33	29	25	23	26		
<b>12 U19-050115</b>	37	37	35	33	31	24		
<b>13 U19-063133</b>	32	36	32	29	34	24		
<b>14 U19-064130</b>	33	35	32	30	28	24		
<b>15 U19-072078</b>	32	33	33	28	29	23		
<b>16 U19-074083</b>	35	32	31	31	29	27		
<b>17 U19-077092</b>	34	33	32	31	27	27		
<b>18 U19-078104</b>	31	33	29	25	28	25		
<b>19 U19-220018</b>	36	35	36	32	33	25		
<b>20 U19-221019</b>	39	37	36	37	34	28		
<b>21 U19-221027</b>	36	36	36	34	31	25		
<b>22 U19-251138</b>	37	35	32	30	32	31		
<b>23 U19-251153</b>	36	34	33	32	28	27		
<b>24 U19-252167</b>	34	32	32	27	28	23		
<b>25 U20-913091</b>	41	45	38	40	35	36		

## 2022 SCN PRELIMINARY IIIA

## Seed Weight (g/100)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	17.0	17.5	12.8		16.9		17.1	
<b>2 U15-606207 (SCN)</b>	16.2	17.7	15.3		17.4		15.6	
<b>3 LD07-3395bf (SCN)</b>	16.4	17.5	14.4		17.9		16.8	
<b>4 U14-910097 (SCN)</b>	15.9	16.3	14.0		17.0		15.8	
<b>5 A16203-92</b>	13.9	14.2	12.3		14.0		14.2	
<b>6 A16204-92</b>	15.6	15.6	15.1		16.2		16.1	
<b>7 A16204-93</b>	15.6	15.3	12.8		15.5		15.3	
<b>8 A16212-25</b>	16.0	17.4	14.1		16.3		16.6	
<b>9 LD19-1957</b>	17.5	18.4	15.3		18.8		18.0	
<b>10 LD19-7156</b>	14.3	14.6	12.7		15.6		15.5	
<b>11 U19-048025</b>	15.2	16.4	14.2		15.7		15.1	
<b>12 U19-050115</b>	16.1	17.0	15.3		17.1		16.4	
<b>13 U19-063133</b>	17.1	19.0	13.7		17.1		15.7	
<b>14 U19-064130</b>	16.0	16.2	13.5		15.6		16.5	
<b>15 U19-072078</b>	17.6	18.2	14.5		17.1		16.7	
<b>16 U19-074083</b>	14.4	15.2	12.8		16.5		13.8	
<b>17 U19-077092</b>	16.4	17.3	15.1		17.3		16.1	
<b>18 U19-078104</b>	17.1	17.0	14.7		16.7		16.8	
<b>19 U19-220018</b>	17.0	17.4	15.0		17.7		16.8	
<b>20 U19-221019</b>	15.3	15.8	14.0		16.0		15.1	
<b>21 U19-221027</b>	16.4	17.7	15.7		18.2		16.2	
<b>22 U19-251138</b>	16.0	16.8	15.9		18.3		15.9	
<b>23 U19-251153</b>	16.4	17.0	13.9		16.6		16.5	
<b>24 U19-252167</b>	16.0	17.2	15.4		19.0		17.0	
<b>25 U20-913091</b>	17.4	18.5	15.0		17.7		18.4	

## 2022 SCN PRELIMINARY IIIA

## Seed Quality (score)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	2.0	1.0	2.0		1.0		1.0	
<b>2 U15-606207 (SCN)</b>	1.5	2.0	2.0		1.0		1.0	
<b>3 LD07-3395bf (SCN)</b>	2.0	2.0	2.0		1.0		1.0	
<b>4 U14-910097 (SCN)</b>	2.0	2.0	2.0		2.0		1.0	
<b>5 A16203-92</b>	2.0	2.0	1.0		1.0		1.0	
<b>6 A16204-92</b>	2.0	2.0	2.0		1.0		1.0	
<b>7 A16204-93</b>	2.0	1.0	2.0		2.0		1.0	
<b>8 A16212-25</b>	2.0	2.0	3.0		1.0		1.0	
<b>9 LD19-1957</b>	2.0	1.0	2.0		1.0		1.0	
<b>10 LD19-7156</b>	2.0	2.0	2.0		2.0		1.0	
<b>11 U19-048025</b>	1.0	1.0	2.0		1.0		1.0	
<b>12 U19-050115</b>	2.0	2.0	2.0		1.0		1.0	
<b>13 U19-063133</b>	1.0	2.0	1.0		1.0		1.0	
<b>14 U19-064130</b>	2.0	2.0	1.0		1.0		1.0	
<b>15 U19-072078</b>	1.0	2.0	2.0		2.0		1.0	
<b>16 U19-074083</b>	2.5	2.0	2.0		1.0		1.0	
<b>17 U19-077092</b>	1.0	2.0	2.0		1.0		1.0	
<b>18 U19-078104</b>	2.0	1.0	2.0		1.0		1.0	
<b>19 U19-220018</b>	2.0	2.0	2.0		2.0		1.0	
<b>20 U19-221019</b>	1.0	2.0	2.0		2.0		1.0	
<b>21 U19-221027</b>	2.0	2.0	2.0		1.0		1.0	
<b>22 U19-251138</b>	1.5	2.0	2.0		2.0		1.0	
<b>23 U19-251153</b>	1.0	2.0	2.0		1.0		1.0	
<b>24 U19-252167</b>	2.5	1.0	2.0		1.0		1.0	
<b>25 U20-913091</b>	2.0	2.0	3.0		2.0		1.0	

## 2022 SCN PRELIMINARY IIIA

## Protein (%)

SCN HG Type	Ames IA	Urbana IL	Manhattan KS	Albany MO	Columbia MO	Novelty MO	Phillips NE	Cook NE NI
Strain	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	
<b>1 LD11-2170 (SCN)</b>	34.0	35.1	35.2		34.1		34.6	
<b>2 U15-606207 (SCN)</b>	31.9	34.4	33.2		33.7		32.8	
<b>3 LD07-3395bf (SCN)</b>	31.7	33.6	32.3		32.7		32.7	
<b>4 U14-910097 (SCN)</b>	33.0	34.4	33.5		34.1		32.8	
<b>5 A16203-92</b>	33.6	36.5	34.4		35.2		33.7	
<b>6 A16204-92</b>	32.6	34.3	33.7		33.7		33.2	
<b>7 A16204-93</b>	31.6	34.1	33.3		33.8		33.3	
<b>8 A16212-25</b>	33.8	35.1	35.6		35.1		34.0	
<b>9 LD19-1957</b>	33.8	34.0	33.2		34.4		33.6	
<b>10 LD19-7156</b>	32.5	35.7	34.1		34.7		32.4	
<b>11 U19-048025</b>	32.4	34.0	33.1		33.9		32.5	
<b>12 U19-050115</b>	32.1	34.3	32.5		33.5		32.6	
<b>13 U19-063133</b>	33.2	34.9	34.0		34.7		32.9	
<b>14 U19-064130</b>	32.5	33.7	33.3		33.8		33.2	
<b>15 U19-072078</b>	33.0	34.6	34.0		34.3		33.7	
<b>16 U19-074083</b>	33.3	35.3	31.7		34.4		33.8	
<b>17 U19-077092</b>	34.1	35.4	33.4		35.2		34.1	
<b>18 U19-078104</b>	33.0	33.3	33.2		35.3		33.0	
<b>19 U19-220018</b>	31.3	34.6	32.4		34.1		32.4	
<b>20 U19-221019</b>	32.1	32.9	32.6		32.6		32.0	
<b>21 U19-221027</b>	32.5	34.6	32.0		33.7		33.2	
<b>22 U19-251138</b>	32.4	34.3	32.7		33.4		33.6	
<b>23 U19-251153</b>	32.9	34.0	33.0		33.6		32.9	
<b>24 U19-252167</b>	32.5	34.3	33.7		35.1		33.5	
<b>25 U20-913091</b>	34.0	33.9	34.6		35.2		34.2	

## 2022 SCN PRELIMINARY IIIA

## Oil (%)

	Ames	Urbana	Manhattan	Albany	Columbia	Novelty	Phillips	Cook
	IA	IL	KS	MO	MO	MO	NE	NE
SCN HG Type	2.5.7	2.5.7	7	1.2.5.7	2.5.7	1.2.5.7	2.5.7	NI
Strain								
<b>1 LD11-2170 (SCN)</b>	19.9	19.3	20.5		20.8		19.2	
<b>2 U15-606207 (SCN)</b>	19.9	19.2	21.2		20.9		20.0	
<b>3 LD07-3395bf (SCN)</b>	19.6	19.1	21.1		20.9		19.8	
<b>4 U14-910097 (SCN)</b>	19.8	19.9	21.0		20.7		20.0	
<b>5 A16203-92</b>	17.7	17.2	18.8		18.8		18.5	
<b>6 A16204-92</b>	19.3	19.0	20.3		20.0		20.1	
<b>7 A16204-93</b>	18.5	17.9	19.3		18.9		17.7	
<b>8 A16212-25</b>	19.3	18.9	20.9		20.5		19.4	
<b>9 LD19-1957</b>	20.1	19.7	21.0		20.8		19.6	
<b>10 LD19-7156</b>	19.4	17.6	20.3		19.9		19.0	
<b>11 U19-048025</b>	19.7	18.4	21.0		19.8		19.2	
<b>12 U19-050115</b>	19.1	18.7	20.9		19.5		18.8	
<b>13 U19-063133</b>	18.8	18.1	20.0		20.1		18.7	
<b>14 U19-064130</b>	19.3	18.8	20.2		20.5		19.3	
<b>15 U19-072078</b>	19.2	19.3	21.2		21.0		19.4	
<b>16 U19-074083</b>	18.8	18.4	21.1		19.9		19.0	
<b>17 U19-077092</b>	19.3	18.8	21.1		20.1		19.0	
<b>18 U19-078104</b>	19.1	19.5	20.8		19.6		19.3	
<b>19 U19-220018</b>	20.5	19.3	21.6		20.7		19.4	
<b>20 U19-221019</b>	19.9	20.3	21.8		21.8		19.5	
<b>21 U19-221027</b>	20.2	19.7	22.6		20.8		19.0	
<b>22 U19-251138</b>	19.5	18.9	20.6		19.8		18.3	
<b>23 U19-251153</b>	19.7	19.3	21.5		21.4		19.4	
<b>24 U19-252167</b>	20.3	19.7	20.6		20.3		19.3	
<b>25 U20-913091</b>	18.3	19.6	19.9		19.5		18.6	