

2009 SCN PRELIMINARY IV

Strain	FPhlm	Parentage	Gen. Comp.	Traits
1 LD00- 3309	PTbl	Maverick x Dwight	F5	
2 IA4004	PLty	Dairyland 99433 x A01-409003	F4	
3 LD00- 2817P	PGibl	purple flowered reselection from LD00-2817 (Ina x Dwight)	F5	
4 LD02- 9050	PTbl	LN97-24270 x LS93-0375	F5	
5 CL06-1428	PTbl	na	F4	
6 CL06-14112	PTbl	na	F4	
7 CL06-14124	PTbl	na	F4	
8 CL06-14150	PTbl	na	F4	
9 CL06-14215	PTbl	na	F4	
10 CL06-14247	PTbl	na	F4	
11 CL06-14250	PTbl	na	F4	
12 CL06-14257	PTbl	na	F4	
13 CL06-121119	PGy/bf/ibl	na	F4	Rps3a,1k
14 CL06-121124	PGy/gr/bl	na	F4	Rps3a,1k
15 CL06-121228	PTbr	na	F4	Rps3a,1k
16 CL06-122121	PGy/gr	na	F4	Rps3a,1k
17 CL06-122221	PGbf	na	F4	Rps3a,1k
18 K07-2369	MTbl	5601T x KS4602N	F4	
19 LD06-6017	MTbl	IA3023 x LD00- 3309	F5	
20 LD06-7046	WMbl/bf	E00290 x LD00- 3309	F5	
21 LD06-7609	WTbl	IA3023 x LD00- 3309	F5	
22 LD06-7620	PGbl	IA3023 x LD00- 3309	F5	
23 LD06-7862	PTbl	DSR-305 x LD00- 3309	F5	
24 LD06-7984	PGibl	Macon x LD01- 5907	F5	
25 LD06-9205	WGbf	LS98-0582 x LD00- 3296	F5	
26 LS06-1308	WGbf	X33802 x Ina	F5	
27 LS06-2204	WTbl	LS93-0375 x LS98-0233	F6	
28 LS06-2217	WTbl	LS93-0375 x LS98-0233	F6	
29 LS06-2614	WTbl	LS97-1610 x MD97-6156	F6	
30 SS02- 7837	PGbf	Jack X SS94-7546	F5	
31 SS02-11060	PTbl	Hamilton x PI438489B	F5	
32 SS02-11854	PTbl	Hamilton x PI438489B	F5	
33 SS02-11906	PTbl	Hamilton x PI438489B	F5	
34 SS02-11949	WTbl	Hamilton x PI438489B	F5	
35 SS02-11958	WTbl	Hamilton x PI438489B	F5	
36 SS02-11977	WTbl	Hamilton x PI438489B	F5	
37 SS02-11998	WTbl	Hamilton x PI438489B	F5	
38 SS02-12014	WTbl	Hamilton x PI438489B	F5	

## 2009 SCN PRELIMINARY IV

Entry	IL SCN screening				Purdue SCN screening	
	HG 0		HG 2.5.7		HG 0	HG 2.5.7
	FI	rating	FI	rating	rating	rating
1 LD00- 3309	8	HR	70	NR	MR	S
2 IA4004	79	NR	41	LR	S	S
3 LD00- 2817P	1	HR	1	HR	R	R
4 LD02- 9050	6	HR	61	NR	R	MS
5 CL06-1428	17	R	74	NR	MS	MS
6 CL06-14112	3	HR	73	NR	R	MR
7 CL06-14124	9	HR	58	LR	MR	S
8 CL06-14150	7	HR	81	NR	MR	S
9 CL06-14215	6	HR	69	NR	R	MS
10 CL06-14247	9	HR	70	NR	R	MS
11 CL06-14250	13	R	87	NR	MR	MS
12 CL06-14257	4	HR	67	NR	R	MR
13 CL06-121119	5	HR	65	NR	R	MS
14 CL06-121124	19	R	76	NR	MR	MR
15 CL06-121228	36	**	91	NR	MS	S
16 CL06-122121	86	NR	62	NR	S	S
17 CL06-122221	1	HR	3	HR	R	R
18 K07-2369	5	HR	40	**	R	R
19 LD06-6017	8	HR	67	NR	MS	S
20 LD06-7046	1	HR	59	LR	R	MR
21 LD06-7609	4	HR	77	NR	R	S
22 LD06-7620	9	HR	68	NR	R	
23 LD06-7862	3	HR	78	NR	R	MS
24 LD06-7984	1	HR	8	HR	R	R
25 LD06-9205	2	HR	75	NR	MS	S
26 LS06-1308	2	HR	61	NR	R	S
27 LS06-2204	2	HR	62	NR	R	R
28 LS06-2217	5	HR	65	NR	MS	S
29 LS06-2614	19	R	82	NR	MR	MS
30 SS02- 7837	2	HR	79	NR	R	MS
31 SS02-11060	3	HR	77	NR	R	MR
32 SS02-11854	6	HR	68	NR	MR	S
33 SS02-11906	5	HR	65	NR	R	S
34 SS02-11949	2	HR	60	NR	R	MR
35 SS02-11958	2	HR	73	NR	R	MR
36 SS02-11977	2	HR	69	NR	R	R
37 SS02-11998	1	HR	51	LR	R	MR
38 SS02-12014	2	HR	79	NR	R	MR

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\*\*Cyst counts too variable to rate.

## 2009 SCN PRELIMINARY IV

## 2009 Summary

Entry	Locations	Yield				Maturity date	Lodging score	Height in.	Seed		
		Infested		Non-infested					quality score	weight g/100	protein %
		bu/a	rank	bu/a	rank						
		5		1		7	7	7	6	6	4
1	LD00- 3309	66.8	2	64.6	22	927	1.2	31	2.0	13.0	33.2
2	IA4004	63.2	14	70.5	8	-5	2.0	33	2.2	16.9	33.9
3	LD00- 2817P	63.6	12	66.4	17	3	2.1	35	2.0	14.3	32.6
4	LD02- 9050	61.7	21	57.3	31	-4	1.6	32	2.2	16.2	33.5
5	CL06-1428	65.8	4	68.6	11	1	1.4	33	2.0	12.7	34.2
6	CL06-14112	62.7	18	67.0	14	-4	1.2	29	1.8	14.9	33.5
7	CL06-14124	60.3	27	73.6	6	0	1.3	32	2.0	16.2	33.7
8	CL06-14150	61.7	21	71.8	7	2	1.7	30	1.8	15.5	34.3
9	CL06-14215	64.7	7	68.4	13	-1	1.3	34	1.7	15.2	34.4
10	CL06-14247	65.3	5	76.4	2	3	1.9	35	1.8	16.9	33.8
11	CL06-14250	63.0	15	60.9	26	-1	1.6	31	1.8	17.1	33.8
12	CL06-14257	63.4	13	73.9	5	1	1.4	31	2.2	13.8	33.8
13	CL06-121119	66.8	2	75.2	3	-1	1.1	32	2.0	17.0	35.0
14	CL06-121124	63.0	15	60.6	27	-3	1.1	30	2.3	15.1	34.3
15	CL06-121228	64.0	11	68.5	12	-1	1.9	35	2.0	16.3	34.7
16	CL06-122121	60.9	26	55.5	33	-3	1.1	28	2.0	18.8	33.8
17	CL06-122221	62.4	19	65.3	20	1	1.7	35	2.2	16.6	33.1
18	K07-2369	58.5	31	63.8	24	0	2.4	39	1.7	14.5	34.9
19	LD06-6017	64.4	10	59.5	29	-1	1.3	31	2.0	14.7	32.6
20	LD06-7046	61.8	20	68.9	10	0	2.1	39	2.0	15.5	33.5
21	LD06-7609	64.8	6	66.8	15	0	1.3	35	1.7	15.0	33.7
22	LD06-7620	67.1	1	63.2	25	0	1.3	30	1.8	14.8	33.5
23	LD06-7862	64.6	8	65.4	19	-2	1.1	30	1.7	14.9	34.2
24	LD06-7984	64.5	9	65.5	18	1	1.5	34	2.0	16.4	33.7
25	LD06-9205	63.0	15	64.9	21	-1	1.1	31	1.8	15.6	34.8
26	LS06-1308	61.7	21	59.6	28	1	1.8	31	2.0	13.7	33.4
27	LS06-2204	61.0	25	66.7	16	2	1.5	36	1.8	16.7	33.7
28	LS06-2217	61.3	24	74.8	4	3	1.6	38	2.0	16.9	34.0
29	LS06-2614	58.2	33	69.9	9	0	1.6	38	1.7	19.1	35.2
30	SS02- 7837	57.9	34	80.5	1	7	2.7	40	2.2	15.2	33.7
31	SS02-11060	56.8	36	48.3	36	3	2.4	37	2.0	16.3	33.9
32	SS02-11854	58.5	32	57.2	32	4	1.6	34	1.7	17.3	34.6
33	SS02-11906	59.9	28	55.1	34	4	1.2	33	1.8	17.3	34.7
34	SS02-11949	58.7	29	57.9	30	4	1.3	33	1.7	14.7	35.1
35	SS02-11958	58.7	29	64.5	23	4	1.2	32	1.7	15.2	35.0
36	SS02-11977	53.8	38	54.1	35	4	1.3	33	1.7	15.5	35.6
37	SS02-11998	56.9	35	41.8	37	4	1.3	33	1.7	14.7	34.8
38	SS02-12014	54.4	37	39.9	38	5	1.3	34	1.7	15.2	35.2

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## Yield (bu/a)

Strain	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
	SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns
1 LD00- 3309	72.1	67.0	12.1	58.2	68.1	68.6	49.8	64.6
2 IA4004	62.0	59.3	33.7	48.9	74.0	71.9	54.5	70.5
3 LD00- 2817P	68.3	61.8	29.6	52.4	71.5	64.1	30.2	66.4
4 LD02- 9050	62.0	64.2	37.5	50.0	66.0	66.3	59.8	57.3
5 CL06-1428	69.9	68.1	2.6	53.6	68.3	69.2	33.6	68.6
6 CL06-14112	73.4	67.6	13.6	48.5	64.3	59.7	50.6	67.0
7 CL06-14124	65.4	64.8	29.6	48.3	62.3	60.7	48.5	73.6
8 CL06-14150	64.5	64.0	10.0	49.8	64.3	66.1	55.1	71.8
9 CL06-14215	66.5	70.8	13.5	52.3	69.1	64.7	48.1	68.4
10 CL06-14247	74.5	69.0	39.1	48.9	68.2	66.0	59.8	76.4
11 CL06-14250	66.3	71.2	10.8	50.7	65.4	61.5	54.9	60.9
12 CL06-14257	70.6	71.3	16.1	47.9	64.8	62.3	49.9	73.9
13 CL06-121119	72.2	73.4	38.0	49.6	72.3	66.5	40.1	75.2
14 CL06-121124	64.9	64.7	25.4	47.7	70.3	67.5	47.9	60.6
15 CL06-121228	71.5	68.1	17.2	45.7	65.8	68.8	46.9	68.5
16 CL06-122121	68.1	62.1	40.5	44.5	64.0	65.8	58.0	55.5
17 CL06-122221	62.3	67.7	33.9	51.8	68.3	62.0	60.8	65.3
18 K07-2369	62.5	58.4	29.9	51.3	55.7	64.6	50.0	63.8
19 LD06-6017	63.2	65.6	9.3	56.2	76.7	60.3	51.0	59.5
20 LD06-7046	57.7	69.1	6.1	57.7	64.9	59.4	40.9	68.9
21 LD06-7609	70.4	63.7	26.7	55.9	64.3	69.7	38.6	66.8
22 LD06-7620	69.0	70.1	9.3	61.5	65.4	69.7	56.2	63.2
23 LD06-7862	68.7	71.3	17.5	50.5	65.6	66.9	54.5	65.4
24 LD06-7984	68.7	70.5	23.0	49.8	69.8	63.8	54.8	65.5
25 LD06-9205	70.3	69.1	13.6	52.4	62.2	61.0	34.5	64.9
26 LS06-1308	57.5	61.0	23.8	53.9	68.7	67.2	39.7	59.6
27 LS06-2204	63.3	61.6	29.7	48.0	63.7	68.3	59.6	66.7
28 LS06-2217	57.0	68.3	51.1	51.3	61.8	68.0	49.8	74.8
29 LS06-2614	62.3	62.4	45.5	45.9	62.0	58.3	47.6	69.9
30 SS02- 7837	63.0	56.3	42.9	49.1	62.5	58.6	34.7	80.5
31 SS02-11060	70.3	57.4	50.3	26.0	65.5	64.7	56.2	48.3
32 SS02-11854	63.5	64.6	25.5	34.9	68.0	61.3	50.5	57.2
33 SS02-11906	65.8	63.1	15.0	43.7	64.5	62.4	50.9	55.1
34 SS02-11949	63.2	64.8	2.1	41.6	63.8	60.1	52.4	57.9
35 SS02-11958	62.1	59.5	10.6	44.9	63.7	63.4	50.7	64.5
36 SS02-11977	63.8	62.9	20.3	28.7	55.6	58.0	49.8	54.1
37 SS02-11998	62.5	62.5	2.7	33.0	65.5	61.1	52.8	41.8
38 SS02-12014	67.7	62.4	43.1	27.4	59.9	54.8	46.3	39.9
Average	66.0	65.3	23.7	47.7	65.7	64.0	49.2	64.0
LSD(.05)	11.2	5.8	25.1	5.2	5.1	4.9	16.7	11.6
C.V. %	8.4	4.4	12.0*	6.4	3.9	3.8	16.8*	10.7
Replications	2	2	2	3	2	2	2	3
Row spacing (in.)	30	30	30	30	30	30	30	30

\*data not included when calculating means for summary table.

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## Yield (rank)

SCN HG Type	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	4	16	29	2	12	6	22	22
2 IA4004	34	35	11	21	2	1	11	8
3 LD00- 2817P	14	31	14	8	4	20	38	17
4 LD02- 9050	34	22	9	16	14	13	2	31
5 CL06-1428	10	12	37	7	9	4	37	11
6 CL06-14112	2	15	26	23	24	33	18	14
7 CL06-14124	20	18	14	24	32	30	25	6
8 CL06-14150	22	23	32	17	24	14	8	7
9 CL06-14215	17	5	28	10	7	17	26	13
10 CL06-14247	1	10	7	21	11	15	3	2
11 CL06-14250	18	4	30	14	19	26	9	26
12 CL06-14257	6	2	24	26	22	24	21	5
13 CL06-121119	3	1	8	19	3	12	32	3
14 CL06-121124	21	20	18	27	5	9	27	27
15 CL06-121228	5	12	23	29	15	5	29	12
16 CL06-122121	15	30	6	31	27	16	5	33
17 CL06-122221	31	14	10	11	9	25	1	20
18 K07-2369	29	36	12	12	37	19	20	24
19 LD06-6017	26	17	33	4	1	31	15	29
20 LD06-7046	36	8	35	3	21	34	31	9
21 LD06-7609	7	24	16	5	24	3	34	15
22 LD06-7620	11	7	33	1	19	2	7	25
23 LD06-7862	12	2	22	15	16	11	12	19
24 LD06-7984	12	6	20	17	6	21	10	18
25 LD06-9205	8	8	26	8	33	29	36	21
26 LS06-1308	37	33	19	6	8	10	33	28
27 LS06-2204	25	32	13	25	29	7	4	16
28 LS06-2217	38	11	1	12	35	8	22	4
29 LS06-2614	31	28	3	28	34	36	28	9
30 SS02- 7837	28	38	5	20	31	35	35	1
31 SS02-11060	8	37	2	38	17	17	6	36
32 SS02-11854	24	21	17	34	13	27	19	32
33 SS02-11906	19	25	25	32	23	23	16	34
34 SS02-11949	26	18	38	33	28	32	14	30
35 SS02-11958	33	34	31	30	29	22	17	23
36 SS02-11977	23	26	21	36	38	37	24	35
37 SS02-11998	29	27	36	35	17	28	13	37
38 SS02-12014	16	28	4	37	36	38	30	38

## 2009 SCN PRELIMINARY IV

## Maturity

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	9/24	10/4	9/17		10/1	10/2	9/29	9/22
2 IA4004	-1	-10	-5		-6	-5	-6	-4
3 LD00- 2817P	6	3	5		2	1	2	2
4 LD02- 9050	-2	-4	-3		-4	-6	-3	-4
5 CL06-1428	5	2	-1		-1	0	0	2
6 CL06-14112	-3	-6	-6		-3	-6	-1	-4
7 CL06-14124	1	0	1		0	-2	-1	0
8 CL06-14150	7	3	0		0	2	3	2
9 CL06-14215	1	0	-3		0	-2	-1	0
10 CL06-14247	4	3	4		2	0	2	3
11 CL06-14250	2	0	-3		-1	-1	-1	-1
12 CL06-14257	4	2	-5		1	0	0	2
13 CL06-121119	2	2	-2		-1	-2	-2	0
14 CL06-121124	-2	-3	-7		-4	-3	-2	-2
15 CL06-121228	2	1	-4		-1	-2	-1	-1
16 CL06-122121	-3	-7	2		-2	-8	-2	-3
17 CL06-122221	3	2	0		-2	-1	1	0
18 K07-2369	2	2	-3		0	1	-1	0
19 LD06-6017	1	2	-4		-2	0	-2	-2
20 LD06-7046	1	4	-7		0	3	1	-2
21 LD06-7609	1	2	0		0	0	-3	0
22 LD06-7620	2	1	-5		0	1	0	-2
23 LD06-7862	0	-3	-4		0	-3	-1	-1
24 LD06-7984	3	2	0		-2	-1	2	0
25 LD06-9205	2	3	-4		0	-2	-3	-1
26 LS06-1308	3	2	1		0	0	-1	0
27 LS06-2204	6	4	-4		0	2	3	0
28 LS06-2217	7	5	1		1	4	3	2
29 LS06-2614	2	2	-1		-4	1	0	-1
30 SS02- 7837	9	8	5		6	8	3	7
31 SS02-11060	2	4	4		1	2	2	3
32 SS02-11854	7	4	2		2	4	4	3
33 SS02-11906	8	4	3		4	3	2	6
34 SS02-11949	8	5	1		2	4	4	6
35 SS02-11958	9	4	2		1	3	3	4
36 SS02-11977	7	4	-2		3	3	3	8
37 SS02-11998	8	5	-2		1	4	4	8
38 SS02-12014	9	4	6		2	5	4	7
Planted	5/30	5/23	5/12	6/23	5/21	5/28	6/6	5/21

## 2009 SCN PRELIMINARY IV

## Lodging (score)

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	1.3	1.0	1.0		1.5	1.5	1.0	1.0
2 IA4004	2.0	1.5	2.0		2.0	3.0	1.5	2.0
3 LD00- 2817P	4.0	1.5	1.0		2.0	3.5	1.0	1.5
4 LD02- 9050	1.0	1.5	3.0		2.0	2.0	1.0	1.0
5 CL06-1428	1.5	1.5	1.0		1.5	2.5	1.0	1.0
6 CL06-14112	1.0	1.0	2.0		1.5	1.0	1.0	1.0
7 CL06-14124	1.0	1.0	2.0		1.5	1.5	1.0	1.0
8 CL06-14150	1.5	1.3	2.0		1.5	3.0	1.0	1.5
9 CL06-14215	1.0	1.3	2.0		1.0	2.0	1.0	1.0
10 CL06-14247	2.3	1.8	2.0		2.0	3.0	1.0	1.0
11 CL06-14250	1.5	1.5	1.0		1.5	3.5	1.0	1.0
12 CL06-14257	1.0	1.3	2.0		1.5	2.0	1.0	1.0
13 CL06-121119	1.3	1.3	1.0		1.0	1.0	1.0	1.0
14 CL06-121124	1.0	1.3	1.0		1.0	1.5	1.0	1.0
15 CL06-121228	2.5	2.3	2.0		1.5	3.0	1.0	1.0
16 CL06-122121	1.0	1.0	2.0		1.0	1.0	1.0	1.0
17 CL06-122221	1.8	1.8	1.0		2.0	2.5	1.0	1.5
18 K07-2369	4.0	2.8	2.0		2.0	2.5	1.0	2.5
19 LD06-6017	1.3	1.3	1.0		1.5	2.0	1.0	1.0
20 LD06-7046	3.5	3.0	1.0		2.0	3.0	1.0	1.5
21 LD06-7609	1.0	1.0	2.0		1.5	1.5	1.0	1.0
22 LD06-7620	1.0	1.0	1.0		2.0	2.0	1.0	1.0
23 LD06-7862	1.0	1.5	1.0		1.0	1.0	1.0	1.0
24 LD06-7984	1.8	1.5	1.0		1.5	2.5	1.0	1.0
25 LD06-9205	1.3	1.0	1.0		1.0	1.5	1.0	1.0
26 LS06-1308	1.8	2.0	2.0		2.0	2.0	1.0	1.5
27 LS06-2204	1.5	1.5	2.0		1.5	2.0	1.0	1.0
28 LS06-2217	1.5	2.0	2.0		2.0	1.5	1.0	1.0
29 LS06-2614	1.5	2.0	2.0		1.5	2.0	1.0	1.5
30 SS02- 7837	3.0	3.5	2.0		3.0	3.5	1.0	3.0
31 SS02-11060	2.5	4.0	2.0		2.0	2.5	1.5	2.0
32 SS02-11854	1.5	1.0	2.0		2.0	3.0	1.0	1.0
33 SS02-11906	1.0	1.0	2.0		1.0	1.5	1.0	1.0
34 SS02-11949	1.3	1.5	1.0		1.0	2.0	1.0	1.0
35 SS02-11958	1.3	1.0	1.0		1.0	2.0	1.0	1.0
36 SS02-11977	1.5	1.3	1.0		1.0	2.0	1.0	1.0
37 SS02-11998	1.3	1.0	1.0		1.0	2.0	1.0	1.5
38 SS02-12014	1.0	1.0	2.0		1.0	2.0	1.0	1.0

## 2009 SCN PRELIMINARY IV

## Height (inches)

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	36	34	10		37	42	24	32
2 IA4004	35	34	30		38	38	23	31
3 LD00- 2817P	40	38	29		39	44	20	34
4 LD02- 9050	33	35	32		32	37	27	30
5 CL06-1428	40	38	17		35	46	23	36
6 CL06-14112	33	31	17		34	35	24	29
7 CL06-14124	34	33	32		34	39	25	31
8 CL06-14150	34	32	19		32	37	26	30
9 CL06-14215	35	37	31		38	39	25	31
10 CL06-14247	36	37	34		37	40	27	32
11 CL06-14250	34	36	18		38	39	25	31
12 CL06-14257	36	37	15		38	38	23	31
13 CL06-121119	33	38	18		41	42	22	32
14 CL06-121124	33	35	18		32	37	23	30
15 CL06-121228	40	40	25		39	41	26	32
16 CL06-122121	31	32	27		27	31	20	26
17 CL06-122221	36	38	23		38	44	32	35
18 K07-2369	44	40	33		43	46	32	38
19 LD06-6017	31	33	25		35	41	26	29
20 LD06-7046	45	40	25		48	51	25	38
21 LD06-7609	38	38	34		36	42	24	36
22 LD06-7620	33	33	18		37	37	25	28
23 LD06-7862	33	34	18		33	35	25	30
24 LD06-7984	41	40	24		36	40	24	35
25 LD06-9205	37	33	18		39	38	21	30
26 LS06-1308	34	34	25		33	40	22	32
27 LS06-2204	39	40	28		38	39	33	36
28 LS06-2217	39	40	38		41	43	30	36
29 LS06-2614	37	42	36		40	45	28	37
30 SS02- 7837	44	41	30		47	55	26	41
31 SS02-11060	39	39	32		41	46	29	36
32 SS02-11854	38	36	26		39	40	25	35
33 SS02-11906	36	35	25		36	42	28	32
34 SS02-11949	37	37	20		34	39	28	33
35 SS02-11958	35	35	22		33	41	27	33
36 SS02-11977	37	38	22		35	39	26	33
37 SS02-11998	36	39	17		36	44	28	33
38 SS02-12014	37	36	32		32	38	26	34

## 2009 SCN PRELIMINARY IV

## Seed Quality (score)

SCN HG Type	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	1.0	1.0	4.0		3.0	2.0		1.0
2 IA4004	1.0	1.0	4.0		3.0	3.0		1.0
3 LD00- 2817P	1.0	1.0	5.0		2.0	2.0		1.0
4 LD02- 9050	1.0	2.0	4.0		3.0	2.0		1.0
5 CL06-1428	1.0	1.0	4.0		2.0	3.0		1.0
6 CL06-14112	1.0	1.0	3.0		3.0	2.0		1.0
7 CL06-14124	1.0	1.0	3.0		3.0	3.0		1.0
8 CL06-14150	1.0	1.0	4.0		2.0	2.0		1.0
9 CL06-14215	1.0	1.0	3.0		2.0	2.0		1.0
10 CL06-14247	1.0	1.0	4.0		2.0	2.0		1.0
11 CL06-14250	1.0	1.0	3.0		3.0	2.0		1.0
12 CL06-14257	1.0	1.0	4.0		3.0	3.0		1.0
13 CL06-121119	1.0	1.0	4.0		3.0	2.0		1.0
14 CL06-121124	1.0	1.0	5.0		3.0	3.0		1.0
15 CL06-121228	1.0	1.0	3.0		3.0	3.0		1.0
16 CL06-122121	1.0	1.0	4.0		3.0	2.0		1.0
17 CL06-122221	1.0	1.0	4.0		3.0	2.0		2.0
18 K07-2369	1.0	1.0	3.0		2.0	2.0		1.0
19 LD06-6017	1.0	1.0	4.0		3.0	2.0		1.0
20 LD06-7046	1.0	1.0	5.0		2.0	2.0		1.0
21 LD06-7609	1.0	1.0	3.0		2.0	2.0		1.0
22 LD06-7620	1.0	1.0	4.0		2.0	2.0		1.0
23 LD06-7862	1.0	1.0	3.0		2.0	2.0		1.0
24 LD06-7984	1.0	1.0	4.0		3.0	2.0		1.0
25 LD06-9205	1.0	1.0	4.0		2.0	2.0		1.0
26 LS06-1308	1.0	1.0	4.0		3.0	2.0		1.0
27 LS06-2204	1.0	1.0	3.0		3.0	2.0		1.0
28 LS06-2217	1.0	1.0	3.0		3.0	3.0		1.0
29 LS06-2614	1.0	1.0	3.0		2.0	2.0		1.0
30 SS02- 7837	1.0	1.0	4.0		3.0	2.0		2.0
31 SS02-11060	1.0	1.0	4.0		3.0	2.0		1.0
32 SS02-11854	1.0	1.0	2.0		3.0	2.0		1.0
33 SS02-11906	1.0	1.0	3.0		3.0	2.0		1.0
34 SS02-11949	1.0	1.0	3.0		2.0	2.0		1.0
35 SS02-11958	1.0	1.0	3.0		2.0	2.0		1.0
36 SS02-11977	1.0	1.0	3.0		2.0	2.0		1.0
37 SS02-11998	1.0	1.0	3.0		2.0	2.0		1.0
38 SS02-12014	1.0	1.0	3.0		2.0	2.0		1.0

## 2009 SCN PRELIMINARY IV

## Seed Weight (g/100)

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	13.7	13.2	8.5		13.9	15.2		13.4
2 IA4004	16.1	16.0	16.5		16.2	18.6		17.8
3 LD00- 2817P	14.4	13.8	11.3		15.0	16.3		15.0
4 LD02- 9050	15.4	16.2	15.1		17.2	17.9		15.6
5 CL06-1428	13.4	13.1	9.3		14.1	13.8		12.2
6 CL06-14112	15.6	15.0	12.0		17.1	14.9		14.7
7 CL06-14124	15.6	16.0	16.0		16.8	17.0		15.5
8 CL06-14150	15.5	15.5	12.8		17.3	16.4		15.6
9 CL06-14215	15.3	15.2	13.4		17.0	15.3		14.8
10 CL06-14247	17.0	16.4	17.4		16.3	17.7		16.6
11 CL06-14250	17.4	17.2	14.7		17.3	19.4		16.6
12 CL06-14257	14.8	14.4	9.7		15.7	14.3		13.8
13 CL06-121119	16.4	18.0	13.9		19.4	17.2		16.9
14 CL06-121124	14.7	15.4	12.4		17.2	16.6		14.3
15 CL06-121228	17.0	17.0	15.6		15.8	16.6		15.9
16 CL06-122121	18.2	19.5	18.4		19.2	19.6		18.1
17 CL06-122221	15.3	18.1	13.7		18.3	17.4		16.9
18 K07-2369	14.7	14.4	12.3		15.7	16.1		13.8
19 LD06-6017	14.9	13.8	12.9		16.6	16.1		13.7
20 LD06-7046	15.5	15.7	12.0		18.2	16.3		15.2
21 LD06-7609	15.0	15.0	13.6		14.8	16.6		15.1
22 LD06-7620	15.1	14.5	14.4		15.5	15.7		13.6
23 LD06-7862	14.7	15.0	12.6		15.7	16.2		15.4
24 LD06-7984	15.8	17.8	12.8		17.3	17.8		17.1
25 LD06-9205	16.5	15.9	11.4		16.5	16.6		16.6
26 LS06-1308	13.9	13.6	11.3		14.7	14.9		13.9
27 LS06-2204	17.4	16.9	13.7		17.4	18.6		16.1
28 LS06-2217	16.5	16.5	17.3		17.4	17.8		15.7
29 LS06-2614	18.1	20.3	18.1		18.2	20.4		19.2
30 SS02- 7837	14.5	15.1	13.6		16.3	15.4		16.2
31 SS02-11060	16.1	15.8	15.2		16.6	17.3		16.5
32 SS02-11854	18.5	18.7	14.3		17.8	16.8		17.8
33 SS02-11906	18.3	18.4	13.0		19.2	17.7		17.1
34 SS02-11949	15.2	16.8	10.2		15.5	16.0		14.3
35 SS02-11958	15.5	16.7	11.6		16.7	16.5		14.3
36 SS02-11977	15.3	16.7	12.4		16.4	17.6		14.4
37 SS02-11998	15.5	16.0	10.2		16.5	15.8		14.2
38 SS02-12014	15.8	16.2	14.7		15.5	14.9		13.9

## 2009 SCN PRELIMINARY IV

## Protein (%)

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	33.5		32.4				33.3	33.7
2 IA4004	34.0		32.3				34.8	34.3
3 LD00- 2817P	32.6		31.8				33.9	32.4
4 LD02- 9050	32.9		31.9				34.4	34.8
5 CL06-1428	33.9		33.5				34.7	34.7
6 CL06-14112	34.4		32.2				33.8	33.7
7 CL06-14124	33.4		31.9				34.5	35.2
8 CL06-14150	34.0		32.2				35.4	35.4
9 CL06-14215	33.8		33.7				35.1	34.9
10 CL06-14247	33.7		32.2				34.0	35.5
11 CL06-14250	34.1		32.4				34.8	33.9
12 CL06-14257	34.2		31.6				34.6	34.9
13 CL06-121119	35.1		33.6				35.5	35.6
14 CL06-121124	34.4		33.7				34.5	34.6
15 CL06-121228	35.9		33.5				34.9	34.5
16 CL06-122121	35.1		32.1				34.2	33.7
17 CL06-122221	34.0		30.9				33.9	33.6
18 K07-2369	35.7		33.8				35.4	34.7
19 LD06-6017	33.7		31.1				33.0	32.7
20 LD06-7046	33.7		32.0				35.2	33.1
21 LD06-7609	33.9		32.4				33.7	34.7
22 LD06-7620	34.0		32.9				34.0	33.2
23 LD06-7862	33.9		32.7				35.3	34.9
24 LD06-7984	34.5		31.8				34.2	34.5
25 LD06-9205	35.7		33.3				35.2	35.0
26 LS06-1308	32.6		33.5				33.8	33.6
27 LS06-2204	34.3		32.1				34.8	33.7
28 LS06-2217	34.1		33.6				34.1	34.2
29 LS06-2614	34.8		34.3				35.9	35.8
30 SS02- 7837	33.5		33.4				34.2	33.9
31 SS02-11060	34.5		32.9				33.8	34.5
32 SS02-11854	35.3		34.1				34.4	34.6
33 SS02-11906	36.3		33.4				34.2	34.8
34 SS02-11949	35.8		34.3				35.0	35.4
35 SS02-11958	35.6		34.1				35.4	34.7
36 SS02-11977	35.7		34.5				35.8	36.4
37 SS02-11998	35.0		34.2				35.0	35.2
38 SS02-12014	35.8		34.5				35.7	35.0

## 2009 SCN PRELIMINARY IV

## Oil (%)

	Harrisburg	Urbana	Clarkton	Novelty	Manhattan	Ashland	Sandoval	Columbia
	IL	IL	MO	MO	KS	KS	IL	MO
SCN HG Type	2.5.7	2.5.7	1.2.5.7	I	2.5.7	I	ns	NI
Strain								
1 LD00- 3309	18.1		18.5				17.9	18.4
2 IA4004	17.7		19.2				17.7	18.3
3 LD00- 2817P	18.3		19.0				18.4	18.6
4 LD02- 9050	18.6		18.6				18.1	18.5
5 CL06-1428	17.8		17.9				17.0	16.9
6 CL06-14112	18.7		18.1				17.8	18.4
7 CL06-14124	18.5		17.9				18.9	18.3
8 CL06-14150	17.7		17.4				17.1	17.8
9 CL06-14215	19.1		18.6				17.4	17.5
10 CL06-14247	17.7		16.8				16.9	17.9
11 CL06-14250	18.4		17.9				17.4	18.3
12 CL06-14257	17.7		17.9				18.4	17.8
13 CL06-121119	18.5		18.1				18.5	18.0
14 CL06-121124	18.4		18.1				18.1	18.5
15 CL06-121228	18.6		17.4				17.9	18.2
16 CL06-122121	18.5		18.0				17.9	18.4
17 CL06-122221	18.6		18.8				17.6	18.3
18 K07-2369	18.2		18.9				17.8	18.0
19 LD06-6017	18.6		18.8				18.1	18.7
20 LD06-7046	18.3		18.8				18.0	18.7
21 LD06-7609	18.2		17.7				17.7	18.1
22 LD06-7620	18.1		18.9				18.5	18.7
23 LD06-7862	18.2		18.1				17.9	18.4
24 LD06-7984	19.2		19.4				18.9	18.9
25 LD06-9205	18.8		18.3				18.5	18.0
26 LS06-1308	18.0		18.5				17.9	17.6
27 LS06-2204	17.8		17.3				16.6	17.9
28 LS06-2217	17.6		18.2				16.6	17.2
29 LS06-2614	18.1		18.2				17.9	17.7
30 SS02- 7837	18.2		19.0				17.6	18.3
31 SS02-11060	18.8		18.2				18.0	18.5
32 SS02-11854	18.3		17.8				17.7	18.5
33 SS02-11906	19.2		17.2				18.1	18.0
34 SS02-11949	17.9		17.3				17.4	17.3
35 SS02-11958	18.5		17.2				17.7	18.1
36 SS02-11977	18.0		17.3				18.4	18.9
37 SS02-11998	17.4		17.5				17.7	18.2
38 SS02-12014	18.3		17.7				17.7	17.8





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oil %
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18.2
18.2
18.6
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