

2010 SCN PRELIM TEST II

Strain	FPhm	Parentage	Gen.	
			Comp.	Traits
1 IA2094	PTy	Agripro X0121B74 x A00-711036	F4	
2 IA1022 (SCN)	PGy	Dairyland 98822 x A00-711024	F5	
3 IA3024	PLtibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
4 LD02- 4485	PGbf	M90-184111 x IA3010	F5	
5 AR09-191058	PT+Gbr+bf	LS98-0582 x Agripro 97284-N00-47977	F5	
6 AR09-191087	P+WGY	Soygenetics F35102C x AR05-250118	F4	
7 AR09-291001	WTbr	Agripro 97284-N00-47977 x AR02-101001	F5	
8 AR09-291011	PGbf	AR03-161009 x Agripro 97284-N00-47977	F5	
9 AR09-291017	PGbf	Agripro 97284-N00-47977 x AR03-263003	F5	
10 AR09-291028	P+WTbl	AR03-161009 x LD00-3309	F4	
11 AR09-291036	PLtbr	AR03-263037 x Soygenetics F35102C	F4	
12 AR09-291054	PT+Gbl+ibl	Soygenetics F35102C x AR03-263051	F4	
13 AR09-291056	WT+Ltgr	HS1-3886 x AR05-250117	F4	
14 AR09-291076	WGbf	AR02-101001 x AR05-250118	F4	
15 AR09-291081	WGy	AR02-101001 x AR05-250117	F4	
16 E08052	PTbr	E01260 x LD00-4970	F5	
17 E08058	PGbf	E01260 x LD00-4970	F5	
18 E08286	PTbl	IA2064 x Loda	F5	
19 LD07-2177	PLt+Gbl+bf	IA3023 x LD02-4485	F5	
20 LD07-2192	PLt+Gbf+y	IA3023 x LD02-4485	F5	
21 LD07-2724	P+WTgr	IA2068 x LD00-3309	F5	
22 M04-215043	WGy	M98-239080 x Dwight	F5	
23 M04-216020	WTy	M98-239123 x M95-255017	F5	

Entry	IL SCN screening				ISU IDC	ISU SDS
	HG 0		HG 2.5.7		Nevada	Nevada
	FI	rating	FI	rating	score	DX
1 IA2094	94	NR	71	NR	3.3	20
2 IA1022 (SCN)	5	HR	80	NR	2.8	67
3 IA3024	78	NR	86	NR	3.8	67
4 LD02- 4485	1	HR	64	NR	2.8	9
5 AR09-191058	0	HR	14	R	3.1	15
6 AR09-191087	1	HR	72	NR	3.2	46
7 AR09-291001	1	HR	1	HR	2.8	4
8 AR09-291011	2	HR	15	R	3.0	31
9 AR09-291017	0	HR	48	LR	3.1	42
10 AR09-291028	2	HR	78	NR	3.9	1
11 AR09-291036	4	HR	50	LR	2.9	10
12 AR09-291054	10	R	86	NR	2.9	22
13 AR09-291056	39	MR	48	LR	1.4	18
14 AR09-291076	93	NR	55	LR	2.6	5
15 AR09-291081	64	NR	76	NR	2.6	14
16 E08052	85	NR	100	NR	3.2	10
17 E08058	67	NR	95	NR	4.1	65
18 E08286	1	HR	44	LR	2.8	28
19 LD07-2177	45	LR	67	NR	2.8	12
20 LD07-2192	16	R	71	NR	3.7	9
21 LD07-2724	6	HR	82	NR	2.6	12
22 M04-215043	3	HR	88	NR	3.5	24
23 M04-216020	1	HR	74	NR	3.0	3

1.3 A11 (rest check)  
3.2 Dwight (susc check)



## 2010 SCN PRELIM TEST II

## Yield (rank)

Strain	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA	IA	IL	IL	NE	NE	NE	MI
SCN HG Type	1.2.5.7	7	2.5.7	7	1.3.6.7	7	7	NI
1 IA2094	6	1	13	15	2	15	12	9
2 IA1022 (SCN)	22	3	20	23	6	17	13	2
3 IA3024	23	16	4	4	4	4	9	4
4 LD02- 4485	1	5	6	1	1	3	1	10
5 AR09-191058	9	4	11	13	14	11	16	14
6 AR09-191087	16	18	17	17	22	5	21	1
7 AR09-291001	2	13	8	14	16	8	2	16
8 AR09-291011	20	8	5	3	7	1	6	20
9 AR09-291017	18	22	15	11	17	9	14	22
10 AR09-291028	5	9	18	21	3	23	3	19
11 AR09-291036	4	7	12	16	10	18	4	18
12 AR09-291054	17	14	22	8	21	20	8	12
13 AR09-291056	13	21	21	18	15	14	20	21
14 AR09-291076	7	20	13	12	8	21	10	6
15 AR09-291081	14	10	23	20	18	22	22	15
16 E08052	12	23	9	5	23	13	23	13
17 E08058	21	15	3	2	5	10	19	11
18 E08286	19	19	7	7	13	6	15	23
19 LD07-2177	8	6	2	6	9	12	18	3
20 LD07-2192	3	2	1	8	12	2	7	5
21 LD07-2724	10	11	10	10	19	7	5	7
22 M04-215043	15	12	15	22	10	19	10	8
23 M04-216020	11	17	19	19	20	16	17	17

## Maturity

Strain	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA	IA	IL	IL	NE	NE	NE	MI
SCN HG Type	1.2.5.7	7	2.5.7	7	1.3.6.7	7	7	NI
1 IA2094		9/19	9/13	9/2	9/16		9/19	
2 IA1022 (SCN)		-6	-6	-6	-3		-5	
3 IA3024		8	5	8	6		5	
4 LD02- 4485		4	2	3	1		0	
5 AR09-191058		3	1	0	-1		-2	
6 AR09-191087		3	2	5	6		3	
7 AR09-291001		1	0	1	0		0	
8 AR09-291011		4	2	6	2		3	
9 AR09-291017		4	1	2	0		3	
10 AR09-291028		-3	-3	-3	-4		-5	
11 AR09-291036		-3	-1	-1	-1		-3	
12 AR09-291054		4	-1	3	3		0	
13 AR09-291056		5	0	2	3		3	
14 AR09-291076		6	1	-1	2		2	
15 AR09-291081		1	-3	-2	-2		-5	
16 E08052		14	11	11	14		11	
17 E08058		11	3	6	6		4	
18 E08286		10	11	9	11		7	
19 LD07-2177		9	4	6	7		4	
20 LD07-2192		10	5	8	7		5	
21 LD07-2724		6	1	6	2		4	
22 M04-215043		-4	-1	-2	-1		-3	
23 M04-216020		-5	-5	-5	-3		-9	
Planted	5/24	5/18	5/20	5/10	5/27	5/25	5/24	5/30

## 2010 SCN PRELIM TEST II

## Lodging (score)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	2.3	2.8	1.5	1.0	1.0		3.5	2.5
2 IA1022 (SCN)	1.8	2.3	1.5	1.0	1.0		3.5	3.0
3 IA3024	1.5	2.3	1.8	1.0	1.0		2.5	3.0
4 LD02- 4485	2.0	2.5	1.8	1.0	1.0		3.0	3.0
5 AR09-191058	2.8	3.3	3.0	1.3	1.0		3.5	3.5
6 AR09-191087	1.8	2.8	1.8	1.0	1.0		3.0	3.5
7 AR09-291001	1.8	2.5	1.8	1.0	1.0		2.0	2.0
8 AR09-291011	2.0	2.8	2.0	1.0	1.0		2.5	2.5
9 AR09-291017	2.0	2.8	2.0	1.0	1.0		3.5	2.5
10 AR09-291028	1.5	2.3	1.0	1.0	1.0		3.0	1.5
11 AR09-291036	2.0	2.8	1.8	1.0	1.0		3.0	3.0
12 AR09-291054	2.0	2.5	1.5	1.0	1.0		3.0	3.0
13 AR09-291056	2.0	2.5	1.0	1.0	1.0		3.0	1.5
14 AR09-291076	2.5	3.0	1.5	1.0	1.0		3.0	2.5
15 AR09-291081	2.0	2.5	1.3	1.3	1.0		3.0	2.5
16 E08052	2.8	3.8	2.3	1.3	1.0		2.5	3.5
17 E08058	2.5	3.0	2.0	1.0	1.0		3.0	2.5
18 E08286	2.0	2.5	2.5	1.0	1.0		3.0	3.0
19 LD07-2177	2.0	2.5	1.8	1.5	1.0		3.0	3.0
20 LD07-2192	1.5	2.5	1.3	1.0	1.0		1.5	2.0
21 LD07-2724	1.8	2.0	1.0	1.0	1.0		2.0	1.5
22 M04-215043	2.0	2.8	1.0	1.0	1.0		3.0	3.0
23 M04-216020	2.3	3.0	1.3	1.0	1.0		2.5	2.5

## Height (inches)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	37	42	37	29	39			42
2 IA1022 (SCN)	29	42	32	26	35			41
3 IA3024	33	43	40	32	39			41
4 LD02- 4485	35	40	38	30	39			41
5 AR09-191058	38	45	38	30	37			42
6 AR09-191087	34	39	35	29	39			40
7 AR09-291001	42	48	41	32	43			43
8 AR09-291011	39	46	41	33	42			43
9 AR09-291017	41	48	42	32	45			43
10 AR09-291028	35	40	34	27	38			38
11 AR09-291036	37	40	36	26	38			44
12 AR09-291054	39	47	41	35	43			45
13 AR09-291056	36	41	35	26	39			39
14 AR09-291076	37	40	35	28	38			40
15 AR09-291081	35	44	35	31	38			43
16 E08052	44	51	44	40	44			44
17 E08058	36	42	44	35	40			41
18 E08286	40	45	43	34	46			44
19 LD07-2177	36	44	40	30	41			41
20 LD07-2192	38	45	41	30	41			42
21 LD07-2724	36	44	37	27	36			37
22 M04-215043	33	38	33	25	33			39
23 M04-216020	36	43	33	28	37			42

## 2010 SCN PRELIM TEST II

## Seed Quality (score)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	3.0	1.0	1.0	2.0			1.0	
2 IA1022 (SCN)	2.0	2.0	2.0	1.0			2.0	
3 IA3024	2.0	2.0	2.0	1.0			2.0	
4 LD02- 4485	1.0	2.0	2.0	1.0			2.0	
5 AR09-191058	2.0	2.0	1.0	1.0			1.0	
6 AR09-191087	4.0	3.0	2.0	2.0			3.0	
7 AR09-291001	3.0	2.0	2.0	2.0			2.0	
8 AR09-291011	4.0	2.0	1.0	2.0			2.0	
9 AR09-291017	2.0	4.0	1.0	1.0			2.0	
10 AR09-291028	2.0	2.0	1.0	1.0			1.0	
11 AR09-291036	1.0	2.0	2.0	1.0			1.0	
12 AR09-291054	2.0	2.0	2.0	1.0			1.0	
13 AR09-291056	2.0	1.0	2.0	3.0			2.0	
14 AR09-291076	2.0	3.0	4.0	3.0			2.0	
15 AR09-291081	2.0	1.0	3.0	3.0			1.0	
16 E08052	1.0	1.0	1.0	1.0			2.0	
17 E08058	2.0	2.0	1.0	1.0			1.0	
18 E08286	2.0	2.0	1.0	1.0			1.0	
19 LD07-2177	2.0	2.0	1.0	2.0			2.0	
20 LD07-2192	1.0	2.0	2.0	1.0			2.0	
21 LD07-2724	2.0	2.0	1.0	2.0			1.0	
22 M04-215043	2.0	2.0	1.0	1.0			1.0	
23 M04-216020	2.0	2.0	3.0	3.0			2.0	

## Seed Weight (g/100)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	13.1	17.7	17.4	13.0		11.4	14.0	16.6
2 IA1022 (SCN)	9.7	16.1	16.5	13.6		11.7	13.4	16.5
3 IA3024	9.1	16.0	16.1	13.1		12.2	15.2	17.3
4 LD02- 4485	12.1	13.8	14.4	11.8		11.3	13.5	14.8
5 AR09-191058	12.9	17.3	16.9	12.8		12.8	16.4	17.0
6 AR09-191087	11.0	15.7	15.7	12.4		13.3	13.3	18.3
7 AR09-291001	13.6	15.4	15.0	13.0		12.1	13.1	15.4
8 AR09-291011	10.0	16.3	16.2	13.2		13.2	15.5	16.0
9 AR09-291017	10.7	15.6	14.5	12.5		11.6	14.7	15.3
10 AR09-291028	12.3	15.2	14.4	11.5		11.2	13.1	13.5
11 AR09-291036	14.4	18.1	16.9	14.3		13.2	16.1	18.9
12 AR09-291054	11.9	16.1	14.9	12.9		11.3	13.4	17.2
13 AR09-291056	13.1	18.8	15.7	12.1		12.2	15.0	17.0
14 AR09-291076	14.6	18.4	16.4	13.4		13.4	16.0	17.3
15 AR09-291081	13.6	19.0	18.5	14.2		12.7	14.8	17.3
16 E08052	14.3	16.7	15.6	12.5		12.0	15.2	16.9
17 E08058	10.2	16.7	14.6	12.1		12.2	14.4	14.6
18 E08286	11.5	17.5	15.6	11.4		11.7	14.1	16.9
19 LD07-2177	12.7	16.1	16.8	13.4		12.3	14.2	15.8
20 LD07-2192	12.0	15.3	14.7	11.9		11.3	13.4	15.4
21 LD07-2724	10.9	14.0	13.1	10.3		10.6	12.1	12.6
22 M04-215043	11.3	15.4	14.7	11.9		10.8	13.7	14.9
23 M04-216020	13.8	18.0	18.1	14.4		11.7	13.3	18.4

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## Protein (%)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	35.6	35.4	34.5	33.9			34.7	34.8
2 IA1022 (SCN)	35.3	34.6	32.9	32.1			35.5	35.3
3 IA3024	33.7	33.2	31.8	31.6			32.2	32.3
4 LD02- 4485	33.0	33.1	32.9	31.2			32.3	33.9
5 AR09-191058	34.5	36.0	34.6	32.4			35.0	33.8
6 AR09-191087	35.9	35.5	32.9	32.7			33.6	33.8
7 AR09-291001	34.8	35.0	33.9	33.4			34.3	35.4
8 AR09-291011	35.2	35.2	33.1	32.6			35.0	32.6
9 AR09-291017	35.8	35.4	33.7	32.6			34.5	34.0
10 AR09-291028	33.2	33.4	32.8	31.6			33.0	32.6
11 AR09-291036	34.2	34.6	34.2	33.8			34.9	33.9
12 AR09-291054	35.4	35.3	33.5	32.8			33.5	33.7
13 AR09-291056	35.4	35.7	33.1	33.0			34.9	35.2
14 AR09-291076	35.4	34.9	33.5	33.1			34.8	32.7
15 AR09-291081	35.0	35.2	35.0	33.6			34.2	34.7
16 E08052	35.3	34.5	33.4	33.1			34.1	33.6
17 E08058	36.4	34.6	34.2	32.3			33.5	33.2
18 E08286	33.9	34.5	33.2	32.0			33.7	34.1
19 LD07-2177	32.2	33.5	33.1	30.6			32.4	31.8
20 LD07-2192	33.4	35.2	32.5	32.0			33.2	33.9
21 LD07-2724	35.4	35.2	33.6	33.1			33.8	33.2
22 M04-215043	35.0	35.5	34.5	33.4			34.7	35.4
23 M04-216020	36.0	35.9	34.5	34.5			34.5	35.7

## Oil (%)

SCN HG Type	Nevada	Urbana	Pontiac	Urbana	Fairmont	Herman	Waterloo	Ingham
	IA 1.2.5.7	IA 7	IL 2.5.7	IL 7	NE 1.3.6.7	NE 7	NE 7	MI NI
Strain								
1 IA2094	18.7	17.9	18.0	18.3			18.5	17.6
2 IA1022 (SCN)	17.0	19.0	19.4	20.2			19.7	19.4
3 IA3024	16.4	18.1	18.4	19.0			19.0	17.5
4 LD02- 4485	18.0	18.2	18.3	19.3			19.0	18.0
5 AR09-191058	18.8	19.1	19.3	19.6			19.7	18.3
6 AR09-191087	16.8	18.4	18.6	18.9			18.8	18.0
7 AR09-291001	18.7	18.5	18.7	18.4			18.6	18.1
8 AR09-291011	16.9	18.4	18.9	19.4			18.9	19.0
9 AR09-291017	16.7	17.9	18.4	19.5			18.3	17.7
10 AR09-291028	18.6	17.9	18.5	19.4			18.7	18.5
11 AR09-291036	17.8	17.6	18.4	18.9			19.2	17.8
12 AR09-291054	18.4	17.5	18.3	18.8			18.4	18.0
13 AR09-291056	17.7	17.3	18.2	18.5			18.5	17.1
14 AR09-291076	18.7	18.8	18.7	19.3			18.7	19.0
15 AR09-291081	18.1	17.7	18.7	18.4			18.2	17.7
16 E08052	19.0	17.8	18.2	18.1			18.4	17.6
17 E08058	15.8	17.9	18.5	18.9			19.0	17.9
18 E08286	17.6	17.6	18.2	18.5			18.3	18.5
19 LD07-2177	19.0	18.7	18.8	19.3			19.2	18.2
20 LD07-2192	18.1	18.2	18.4	18.7			18.4	18.4
21 LD07-2724	16.6	17.7	17.5	18.1			17.6	17.8
22 M04-215043	17.6	18.5	18.9	18.5			18.9	17.8
23 M04-216020	17.1	18.0	18.1	18.0			18.1	17.0