

2011 SCN PRELIM TEST IIIA

Strain	FPhm	Parentage	Gen.	
			Comp.	Traits
1 IA3023	WLtbl	Dairyland DSR-365 x Pioneer P9381	F5	
2 IA3024	PGibl	A97-553017 x Pioneer YB33A99	F5	1% linolenic
3 IA3048	WGY	Dairyland 99540 x IA2068	F4	
4 IA4005	WLtbl+bf	IA3023 x IA3025	F4	1% linolenic
5 AR10-305003	WTtbl	SS02-11958 x AR03-263051	F4	PI 438489B SCN Res
6 AR10-305052	WTtbl	SS02-12014 x Golden Harvest x 33802	F3	PI 438489B SCN Res
7 AR10-305055	P+WTbr	AR03-263051 x Golden Harvest 24040	F4	
8 AR10-305092	PGbf+ibl	AR06-365063 x AR05-150034	F3	
9 AR10-305093	PTtbl	Soygenetics F-35170C x AR03-261024	F3	
10 AR10-305104	PGibl	Golden Harvest X-33686 x AR06-165042	F3	
11 AR10-305107	P+WGbf+ibl	Golden Harvest x-33686 x AR06-165058	F3	
12 AR10-305114	P+WTtbl	Golden Harvest X-33686 x AR06-165086	F3	
13 AR10-305127	PTtbl	Golden Harvest X-33686 x AR06-165086	F3	
14 AR10-305177	PT+Gbl+br	AR06-165089 x AR1	F3	
15 AR10-305188	PT+Gbf+br	AR05-250002 x Syngenta 05KE307696	F3	
16 AR10-305190	WT+Gbl+bf	AR05-150100 x SS02-11958	F3	
17 AR10-305198	PTtbl	SS02-11958 x AR05-150119	F4	PI 438489B SCN Res
18 AR10-305205	WTtbl	SS02-11958 x AR05-150129	F4	PI 438489B SCN Res
19 LS08-3430	PLTtbl	LS01-1987 x LS00-2137	F6	
20 LS08-3817	WTtbl	LS93-0375 x LS01-1804	F6	
21 LS08-3849	PTtbl	LS93-0375 x LS01-1804	F6	
22 LS08-5828	PGibl	LS93-0375 x LS98-0582	F6	
23 U09-228060	PGbf+ibl	LD01-5907 x U03-200238	F5	SCN,Rps1K
24 U09-231035	PTtbl	U03-200238 x LD00-3309	F5	SCN,Rps1K
25 U09-231043	PTtbl	U03-200238 x LD00-3309	F5	SCN,Rps1K
26 U09-318122	PGbf	LD01-5907 x U03-200238	F5	SCN,Rps1K

Entry	IL SCN screening				ISU IDC
	HG 0		HG 2.5.7		
	FI	rating	FI	rating	score
1 IA3023	43	LR	75	NR	2.3
2 IA3024	72	NR	77	NR	2.0
3 IA3048	3	HR	77	NR	2.0
4 IA4005	57	LR	71	NR	2.0
5 AR10-305003	27	**	62	NR	1.8
6 AR10-305052	12	R	46	LR	1.3
7 AR10-305055	8	HR	56	LR	2.3
8 AR10-305092	8	HR	65	NR	2.3
9 AR10-305093	5	HR	51	LR	2.0
10 AR10-305104	19	R	44	LR	2.0
11 AR10-305107	3	HR	58	LR	2.0
12 AR10-305114	3	HR	55	LR	2.3
13 AR10-305127	7	HR	81	NR	1.8
14 AR10-305177	4	HR	66	LR	2.8
15 AR10-305188	4	HR	45	LR	2.5
16 AR10-305190	19	R	78	NR	2.0
17 AR10-305198	2	HR	53	LR	1.8
18 AR10-305205	16	R	65	NR	2.0
19 LS08-3430	11	R	78	NR	**
20 LS08-3817	1	HR	51	LR	2.0
21 LS08-3849	3	HR	44	LR	2.0
22 LS08-5828	55	LR	60	NR	2.0
23 U09-228060	2	HR	62	NR	2.0
24 U09-231035	4	HR	59	LR	2.0
25 U09-231043	2	HR	44	LR	1.3
26 U09-318122	3	HR	53	LR	2.0

\*\* rep data too variable to 1.6 A11 (rest check)  
2.0 Dwight (susc check)



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Yield (rank)

Strain	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023	25	24	8	18	9	18	17	14	2	1	13	14	1	5
2 IA3024	26	26	10	18	5	13	12	11	20	26	14	19	11	20
3 IA3048	9	4	6	1	12	16	4	19	6	10	19	4	12	3
4 IA4005	22	22	2	2	2	3	16	10	21	17	1	7	3	7
5 AR10-305003	1	11	1	6	1	9	1	25	4	13	9	1	7	1
6 AR10-305052	8	14	7	11	19	14	13	5	25	21	8	3	2	7
7 AR10-305055	3	2	18	7	3	8	5	1	24	20	20	5	14	2
8 AR10-305092	17	1	23	22	24	1	23	8	18	6	15	23	26	12
9 AR10-305093	14	9	8	2	14	26	3	1	8	16	26	22	5	13
10 AR10-305104	20	20	25	24	11	24	25	24	22	2	5	26	19	24
11 AR10-305107	12	6	14	7	13	9	2	15	9	4	7	14	4	14
12 AR10-305114	7	19	16	5	7	6	11	9	5	7	2	17	9	18
13 AR10-305127	2	7	4	2	6	5	9	23	16	3	11	8	6	10
14 AR10-305177	16	17	24	9	18	21	6	11	12	19	17	13	23	20
15 AR10-305188	21	8	20	26	25	25	20	16	14	8	6	25	24	25
16 AR10-305190	10	5	15	10	8	6	10	3	18	12	12	12	15	16
17 AR10-305198	5	18	13	12	21	11	19	13	7	5	3	9	22	26
18 AR10-305205	13	12	12	13	16	22	22	22	26	14	10	2	17	20
19 LS08-3430	19	25	3	18	10	19	24	21	17	9	25	6	16	16
20 LS08-3817	24	21	20	15	4	23	21	16	10	23	24	24	21	20
21 LS08-3849	15	16	11	13	21	20	18	16	11	18	21	16	8	18
22 LS08-5828	23	23	19	23	26	15	26	26	23	25	21	20	12	10
23 U09-228060	18	15	26	21	15	4	7	20	15	24	16	11	25	7
24 U09-231035	4	13	5	15	20	12	15	7	3	22	18	10	20	4
25 U09-231043	6	10	17	17	17	2	8	4	1	15	4	18	9	15
26 U09-318122	11	3	22	25	21	16	14	6	13	11	23	21	18	6

Maturity

Strain	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023		10/3	9/15	10/2	9/23		9/28		9/27		10/7	9/15	9/18	
2 IA3024		-2	-2	-4	1		2		-4		-8	-3	-2	
3 IA3048		1	5	2	2		5		0		-8	5	1	
4 IA4005		4	12	5	11		9		4		-2	9	12	
5 AR10-305003		1	8	3	6		8		2		-2	9	7	
6 AR10-305052		1	7	1	1		6		2		-3	9	4	
7 AR10-305055		4	12	-8	8		10		4		-2	10	11	
8 AR10-305092		-1	-2	-5	-8		-2		-2		-7	-3	-6	
9 AR10-305093		1	5	2	3		6		-1		-7	6	5	
10 AR10-305104		-7	-7	-7	-8		-1		-6		-7	-7	-5	
11 AR10-305107		-1	-3	-5	-3		4		-5		-5	-3	-2	
12 AR10-305114		-2	-2	-1	-2		3		-4		-2	-2	-2	
13 AR10-305127		-1	-2	0	-2		6		-2		-4	-1	3	
14 AR10-305177		-2	2	-1	2		5		-1		-5	3	-1	
15 AR10-305188		-4	-7	-10	-10		-2		-9		-11	-8	-6	
16 AR10-305190		1	6	2	3		6		1		-3	10	2	
17 AR10-305198		-6	-2	-3	-5		3		-3		-6	-2	-4	
18 AR10-305205		1	8	1	3		7		0		-4	9	2	
19 LS08-3430		-2	7	2	4		5		0		-3	8	5	
20 LS08-3817		2	9	2	3		7		1		-2	11	3	
21 LS08-3849		-1	6	1	2		5		0		-2	8	3	
22 LS08-5828		2	10	3	1		6		2		-2	11	3	
23 U09-228060		3	0	1	5		7		0		-4	6	1	
24 U09-231035		0	1	1	2		5		0		-3	-1	2	
25 U09-231043		1	2	0	2		4		1		-4	5	2	
26 U09-318122		3	4	-1	4		7		0		-2	4	2	
Planted	5/4	5/12	5/12	6/8	6/2	6/1	5/23	5/16	5/23	5/31	6/7	5/13	5/31	6/7

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Lodging (score)

SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
Strain														
1 IA3023	1.0	1.3	1.5	1.0	1.5	1.5	1.0					1.0	1.0	1.0
2 IA3024	1.3	1.0	1.5	1.5	1.5	1.0	1.0					1.0	1.0	1.0
3 IA3048	1.5	1.5	1.8	3.0	2.5	2.5	1.0					1.0	1.5	1.0
4 IA4005	1.5	1.0	1.5	1.0	1.0	1.0	1.0					1.0	1.0	1.0
5 AR10-305003	1.5	1.3	1.5	1.0	1.0	1.0	1.0					1.0	1.0	1.0
6 AR10-305052	2.0	1.8	2.8	2.0	2.0	1.5	3.0					1.0	1.5	1.0
7 AR10-305055	1.8	1.5	2.3	2.0	2.0	2.0	1.0					1.0	2.0	1.0
8 AR10-305092	1.5	2.0	2.5	2.0	2.0	3.0	2.0					1.0	1.5	1.0
9 AR10-305093	1.3	1.3	1.8	2.0	2.0	2.0	1.0					1.0	1.0	1.0
10 AR10-305104	1.0	1.5	1.5	1.0	1.0	1.0	1.0					1.0	1.0	1.0
11 AR10-305107	1.3	1.5	1.5	1.5	2.0	1.5	2.0					1.0	1.0	1.0
12 AR10-305114	1.5	1.5	1.8	2.0	1.0	2.0	1.0					1.0	1.0	1.0
13 AR10-305127	1.5	1.3	1.8	1.5	1.5	1.5	1.0					1.0	1.0	1.0
14 AR10-305177	1.8	1.8	2.3	2.0	2.5	3.0	4.0					1.0	2.0	1.0
15 AR10-305188	1.5	1.5	1.5	1.0	1.5	1.5	3.0					1.0	1.5	1.0
16 AR10-305190	1.5	1.5	1.5	1.5	2.0	1.5	2.0					1.0	1.0	1.0
17 AR10-305198	1.5	1.5	2.0	2.0	2.0	1.0	3.0					1.0	1.0	1.0
18 AR10-305205	1.5	1.8	1.5	1.5	1.5	1.0	1.0					1.0	1.5	1.0
19 LS08-3430	1.0	1.5	1.8	1.5	1.5	1.0	1.0					1.0	1.0	1.0
20 LS08-3817	1.5	1.8	1.5	1.0	1.0	1.0	1.0					1.0	1.5	1.0
21 LS08-3849	1.5	1.3	1.8	1.5	2.0	1.0	1.0					1.0	1.5	1.0
22 LS08-5828	1.0	1.3	1.5	1.0	2.0	1.0	1.0					1.0	1.0	1.0
23 U09-228060	1.5	1.5	1.5	1.5	2.0	1.0	2.0					1.0	1.0	1.0
24 U09-231035	1.8	1.8	2.3	2.5	3.0	2.5	3.0					1.0	1.0	1.0
25 U09-231043	1.5	1.5	1.8	2.0	2.0	1.5	2.0					1.0	1.0	1.0
26 U09-318122	2.0	1.8	1.5	2.0	3.0	1.5	2.0					1.0	1.0	1.0

Height (inches)

SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
Strain														
1 IA3023	30	25	36	34	36	42	27					30	36	23
2 IA3024	26	25	35	36	35	42	28					28	37	29
3 IA3048	34	33	37	40	35	41	32					32	39	29
4 IA4005	29	27	36	33	36	41	30					30	37	25
5 AR10-305003	34	30	36	34	37	42	31					31	32	26
6 AR10-305052	35	29	38	34	36	45	30					31	38	25
7 AR10-305055	39	34	43	39	43	46	35					37	42	29
8 AR10-305092	40	39	40	42	51	42	39					38	41	33
9 AR10-305093	34	32	41	44	41	47	33					31	42	27
10 AR10-305104	28	24	33	32	35	38	27					26	30	22
11 AR10-305107	34	34	42	38	40	41	32					35	39	24
12 AR10-305114	34	33	36	40	38	41	34					34	40	27
13 AR10-305127	35	30	35	35	37	38	31					32	35	26
14 AR10-305177	42	35	42	46	44	44	38					35	38	29
15 AR10-305188	35	33	36	39	40	43	33					32	41	28
16 AR10-305190	41	34	42	41	41	47	38					36	38	26
17 AR10-305198	30	33	37	38	41	44	35					35	39	26
18 AR10-305205	31	27	35	33	34	42	28					31	33	26
19 LS08-3430	32	26	37	36	37	42	27					32	33	26
20 LS08-3817	33	30	39	38	42	43	34					32	39	28
21 LS08-3849	34	33	41	42	39	46	33					34	44	28
22 LS08-5828	33	30	39	38	32	44	30					32	38	27
23 U09-228060	34	30	38	37	42	42	35					32	38	26
24 U09-231035	41	33	41	39	41	46	37					36	39	26
25 U09-231043	39	34	41	39	41	46	35					35	41	27
26 U09-318122	37	31	40	39	41	42	35					34	40	27

2011 SCN PRELIM TEST IIIA

Seed Quality (score)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023			2.0	2.0	1.0	1.0	2.0						1.0	1.0	2.0
2 IA3024			2.0	1.0	1.0	2.0	3.0						1.0	2.0	2.0
3 IA3048			2.0	1.0	1.0	1.0	3.0						1.0	2.0	2.0
4 IA4005			3.0	1.0	1.0	1.0	2.0						2.0	2.0	2.0
5 AR10-305003			2.0	1.0	1.0	2.0	2.0						1.0	3.0	2.0
6 AR10-305052			2.0	1.0	1.0	1.0	2.0						2.0	2.0	2.0
7 AR10-305055			2.0	2.0	1.0	1.0	2.0						1.0	2.0	2.0
8 AR10-305092			2.0	1.0	1.0	2.0	2.0						2.0	2.0	2.0
9 AR10-305093			1.0	1.0	1.0	2.0	2.0						1.0	2.0	2.0
10 AR10-305104			3.0	2.0	3.0	2.0	2.0						3.0	3.0	2.0
11 AR10-305107			2.0	1.0	1.0	1.0	3.0						2.0	2.0	2.0
12 AR10-305114			2.0	1.0	1.0	2.0	2.0						1.0	2.0	2.0
13 AR10-305127			3.0	1.0	1.0	2.0	2.0						1.0	3.0	2.0
14 AR10-305177			2.0	2.0	1.0	2.0	3.0						2.0	2.0	2.0
15 AR10-305188			2.0	2.0	2.0	2.0	4.0						2.0	3.0	3.0
16 AR10-305190			2.0	1.0	1.0	2.0	3.0						1.0	2.0	2.0
17 AR10-305198			2.0	1.0	1.0	2.0	3.0						1.0	2.0	3.0
18 AR10-305205			2.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
19 LS08-3430			2.0	1.0	1.0	2.0	3.0						1.0	3.0	2.0
20 LS08-3817			2.0	1.0	1.0	1.0	3.0						1.0	2.0	2.0
21 LS08-3849			2.0	1.0	1.0	1.0	3.0						1.0	3.0	2.0
22 LS08-5828			2.0	1.0	1.0	1.0	2.0						2.0	2.0	2.0
23 U09-228060			3.0	3.0	1.0	1.0	3.0						2.0	3.0	2.0
24 U09-231035			2.0	1.0	1.0	1.0	3.0						1.0	2.0	1.0
25 U09-231043			2.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
26 U09-318122			2.0	2.0	1.0	2.0	3.0						3.0	4.0	4.0

Seed Weight (g/100)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023			14.7	12.8	13.3	12.1	15.5						12.3	12.0	13.2
2 IA3024			15.5	12.7	13.9	13.0	15.3						13.1	12.2	13.9
3 IA3048			15.3	12.4	14.2	11.0	13.3						12.3	11.0	12.6
4 IA4005			14.1	12.8	13.8	12.3	16.2						11.0	11.7	11.6
5 AR10-305003			14.7	14.4	13.6	12.7	13.5						13.8	11.7	12.1
6 AR10-305052			15.4	12.3	14.1	12.1	13.1						11.4	12.4	11.8
7 AR10-305055			15.6	13.1	15.8	13.7	16.7						15.2	13.7	13.9
8 AR10-305092			15.0	12.2	12.3	10.8	14.2						10.8	10.6	11.2
9 AR10-305093			17.3	12.9	15.9	13.4	16.2						12.7	13.6	15.1
10 AR10-305104			15.2	14.1	14.2	12.8	15.8						13.5	13.2	12.3
11 AR10-305107			16.9	15.3	15.3	13.2	16.7						13.7	13.1	13.3
12 AR10-305114			15.6	12.9	14.3	13.0	15.8						12.7	11.7	13.8
13 AR10-305127			18.5	17.1	16.8	14.4	17.2						15.2	14.7	14.9
14 AR10-305177			15.5	12.4	13.2	12.5	13.5						12.4	11.6	12.0
15 AR10-305188			17.0	13.3	14.0	11.9	18.3						13.8	12.7	13.4
16 AR10-305190			15.8	12.4	14.4	13.4	17.2						12.0	11.9	12.9
17 AR10-305198			15.8	13.5	15.4	13.1	17.7						12.6	12.9	12.4
18 AR10-305205			16.9	12.3	14.6	12.7	16.6						12.7	11.7	12.5
19 LS08-3430			16.4	13.7	16.1	14.3	17.4						14.2	12.6	13.6
20 LS08-3817			14.6	10.5	13.5	11.8	14.1						11.3	11.2	12.4
21 LS08-3849			15.1	11.6	14.9	12.9	16.2						11.7	11.7	12.7
22 LS08-5828			15.0	12.9	14.1	12.1	16.8						12.7	12.2	12.5
23 U09-228060			14.2	10.8	12.4	12.1	16.0						12.0	10.6	12.3
24 U09-231035			14.0	12.1	12.4	11.6	15.1						10.4	9.9	11.8
25 U09-231043			13.4	9.3	11.1	10.1	13.1						9.4	9.2	10.4
26 U09-318122			15.3	11.3	11.8	12.0	16.2						11.1	10.7	11.7

2011 SCN PRELIM TEST IIIA

Protein (%)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023			31.6		31.4		30.6				34.9		31.1		
2 IA3024			32.9		32.2		33.3				36.1		31.8		
3 IA3048			32.8		32.6		32.5				36.6		32.2		
4 IA4005			32.7		32.9		34.7				36.3		33.1		
5 AR10-305003			36.0		34.6		35.2				37.5		34.8		
6 AR10-305052			32.1		32.6		31.8				35.7		32.6		
7 AR10-305055			30.4		31.9		32.8				34.7		33.6		
8 AR10-305092			30.7		31.1		31.9				35.6		30.5		
9 AR10-305093			35.3		33.8		32.6				36.0		33.2		
10 AR10-305104			33.3		32.5		33.5				33.8		32.2		
11 AR10-305107			30.3		33.2		31.5				34.1		33.5		
12 AR10-305114			34.3		34.9		33.5				36.8		35.4		
13 AR10-305127			35.8		33.7		33.9				35.2		34.9		
14 AR10-305177			33.6		32.3		33.9				36.3		33.6		
15 AR10-305188			32.9		31.5		34.2				34.8		32.4		
16 AR10-305190			33.6		33.5		34.6				37.0		34.8		
17 AR10-305198			34.6		34.7		35.7				36.2		35.0		
18 AR10-305205			33.5		32.2		32.4				36.7		32.9		
19 LS08-3430			33.6		33.2		35.9				37.1		35.1		
20 LS08-3817			31.9		33.5		33.4				36.3		33.3		
21 LS08-3849			32.2		33.1		34.3				35.3		33.1		
22 LS08-5828			33.2		32.7		31.4				36.3		32.6		
23 U09-228060			30.1		32.2		32.1				33.2		32.2		
24 U09-231035			33.6		31.9		33.9				35.9		33.1		
25 U09-231043			31.4		33.4		32.8				35.5		31.6		
26 U09-318122			30.3		30.6		30.2				35.0		28.9		

Oil (%)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA 2.5.7	IA 2.7	IL I	IL 1.2.5.7	IL 2.5.7	KS 2.5.7	MO 1.2.5.6.7	MO 1.2.5.7	NE I	NE I	NE I	IL NI	IL NI	KS NI
1 IA3023			21.0		19.6		20.5				16.9		20.4		
2 IA3024			19.6		20.4		18.1				15.5		20.8		
3 IA3048			18.8		19.4		18.9				15.8		20.4		
4 IA4005			18.6		19.6		17.5				16.7		19.7		
5 AR10-305003			18.9		19.3		18.0				15.9		19.5		
6 AR10-305052			20.3		19.9		19.7				16.7		20.1		
7 AR10-305055			19.0		19.2		18.0				17.2		18.5		
8 AR10-305092			20.8		20.8		20.0				16.6		20.2		
9 AR10-305093			19.0		19.3		19.1				16.0		20.0		
10 AR10-305104			19.7		20.0		19.7				17.0		21.1		
11 AR10-305107			20.9		19.4		19.7				17.4		19.8		
12 AR10-305114			20.2		19.0		19.5				17.1		19.3		
13 AR10-305127			19.1		20.2		19.4				17.7		19.7		
14 AR10-305177			19.9		20.5		17.9				16.1		20.0		
15 AR10-305188			18.9		19.6		18.2				17.0		19.4		
16 AR10-305190			18.9		19.3		18.4				16.4		19.2		
17 AR10-305198			19.3		18.7		19.0				17.1		19.1		
18 AR10-305205			20.0		20.1		19.1				16.9		18.9		
19 LS08-3430			19.0		19.0		17.4				15.0		18.5		
20 LS08-3817			18.8		18.9		19.0				17.1		18.9		
21 LS08-3849			18.8		19.7		18.6				17.3		19.3		
22 LS08-5828			18.3		19.4		18.4				15.2		19.1		
23 U09-228060			20.7		19.9		19.0				16.6		20.4		
24 U09-231035			19.7		19.8		19.4				17.0		20.9		
25 U09-231043			20.4		19.2		19.3				17.6		19.8		
26 U09-318122			20.2		21.1		20.0				16.8		21.4		













