

2010 SCN PRELIM TEST III

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 IA4004	PLty	Dairyland 99433 x A01-409003	F4	
5 AR08-285081	PGbf	Syngenta WW228348 x AR03-361067	F4	
6 AR09-391010	WT+Gbl+bf	LS98-0582 x Agripro 97284-N00-47977	F5	
7 AR09-391012	WTbl	LS98-0582 x Agripro XC2284N	F5	
8 AR09-391014	PGbf	LD02-5868 x AR03-161009	F4	
9 AR09-391015	PGbf	AR03-263051 x Golden Harvest H-2632	F4	
10 AR09-391016	PGibl	AR03-263037 x Garst-Agripro XC2284N	F5	
11 AR09-391017	PT+Gbf+br	Syngenta SJ833009 x AR03-161013	F5	
12 AR09-391020	WTbr	LD02-6538 x AR03-163008	F4	
13 AR09-391021	PLtbl+br	Soygenetics F35102C x AR03-263051	F4	
14 AR09-391031	WGb	Soygenetics F35102C x AR05-250117	F4	
15 AR09-391032	P+WLTbl	Garst-Agripro XC2284N x LS99-2235	F5	
16 AR09-391033	P+WTbl+br	LD02-6553 x AR05-250118	F4	
17 LD07-2396	P+WGbr	SJ132586 x LD01-9035	F5	
18 LD07-3395	WLT+Gbl+bf	WW115926 x LD00-2817	F5	
19 LD07-3419	WGb	WW115926 x LD00-2817	F5	
20 LD07-3445	WTbl	WW115926 x LD00-2817	F5	
21 LD07-4477	PLtbl	IA3023 x LD00-3309	F5	
22 LD07-4530	WLTbl	IA3023 x LD00-3309	F5	
23 LD07-5436	PLtbl	SJ132586 x LDX01-2-69	F5	soja SCN
24 LS07-0662	WTbr	IA2068 x LD00-3309	F5	
25 LS07-1852	P+WGb+ibl	SS98-7851 x LD01-5907	F5	
26 LS07-2014	PGbf	SS98-7851 x Maverick	F5	
27 LS07-2955	P+WTbl	SS98-7851 x LD00-3309	F5	
28 LS07-3246	P+WGibl	SS98-7851 x HC99-2763	F5	
29 SS05-4573	PTbl	IA3018 x SS97-6946	F5	low lin
30 SS05-5096	PGy	SS95-15348 x IA2040	F5	
31 SS05-5143	WGy	SS95-15348 x IA2025	F5	
32 SS06-5510	WTbl	CR03-540 x IA3017	F5	low lin
33 SS06-5658	WTbl	SS95-15348 x IA3017	F5	low lin

Entry	IL SCN screening				ISU IDC
	HG 0		HG 2.5.7		Nevada
	Fl	rating	Fl	rating	score
1 IA3023	62	NR	75	NR	3.4
2 IA3024	78	NR	86	NR	3.4
3 IA3048	2	HR	73	NR	3.4
4 IA4004	90	NR	90	NR	3.6
5 AR08-285081	10	R	47	LR	4.5
6 AR09-391010	0	HR	15	R	2.9
7 AR09-391012	2	HR	65	NR	3.3
8 AR09-391014	5	HR	89	NR	3.4
9 AR09-391015	3	HR	66	NR	3.0
10 AR09-391016	15	R	59	LR	2.7
11 AR09-391017	2	HR	72	NR	3.2
12 AR09-391020	5	HR	103	NR	3.1
13 AR09-391021	15	R	98	NR	2.8
14 AR09-391031	2	HR	52	LR	3.1
15 AR09-391032	11	R	74	NR	3.0
16 AR09-391033	3	HR	61	NR	3.5
17 LD07-2396	70	NR	59	LR	3.1
18 LD07-3395	2	HR	21	R	3.7
19 LD07-3419	0	HR	15	R	3.8
20 LD07-3445	29	**	51	LR	3.4
21 LD07-4477	6	HR	67	NR	4.3
22 LD07-4530	17	R	19	R	3.5
23 LD07-5436	94	NR	90	NR	3.8
24 LS07-0662	4	HR	68	NR	3.2
25 LS07-1852	77	NR	48	LR	4.0
26 LS07-2014	4	HR	81	NR	4.0
27 LS07-2955	2	HR	83	NR	3.5
28 LS07-3246	13	R	68	NR	3.1
29 SS05-4573	15	R	91	NR	3.5
30 SS05-5096	12	R	86	NR	3.3
31 SS05-5143	9	HR	77	NR	2.6
32 SS06-5510	2	HR	93	NR	3.4
33 SS06-5658	10	R	104	NR	3.4

**too variable to rate 1.3 A11 (rest check)
3.2 Dwight (susc check)

2010 SCN PRELIM TEST III

Yield (rank)

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023	2	28	15	4	22	29	6	7	4	32	10	12	15	1	
2 IA3024	8	27	4	28	12	10	1	6	3	16	32	7	25	18	
3 IA3048	14	17	9	1	5	17	8	27	6	30	9	1	8	7	
4 IA4004	7	31	17	15	25	5	3	4	18	28	31	15	8	10	
5 AR08-285081	5	20	10	10	24	28	9	25	5	7	22	16	12	19	
6 AR09-391010	21	5	29	32	27	14	29	29	23	10	28	29	27	31	
7 AR09-391012	20	9	22	13	28	12	19	26	27	3	23	17	27	27	
8 AR09-391014	19	10	16	14	18	24	27	8	8	13	17	20	26	13	
9 AR09-391015	9	4	24	18	20	16	13	19	22	17	8	24	21	23	
10 AR09-391016	26	21	32	23	29	22	22	17	17	20	25	28	17	26	
11 AR09-391017	4	13	7	2	8	1	2	21	11	1	6	5	20	12	
12 AR09-391020	30	24	27	22	30	15	28	32	28	22	29	27	30	30	
13 AR09-391021	11	22	33	26	31	29	30	31	13	19	12	32	29	33	
14 AR09-391031	15	12	25	8	26	21	26	33	26	4	3	26	31	29	
15 AR09-391032	27	14	14	7	14	18	17	12	20	24	15	12	14	8	
16 AR09-391033	6	11	12	24	32	31	31	23	25	14	10	23	19	22	
17 LD07-2396	16	26	26	5	17	9	11	13	1	11	24	30	16	2	
18 LD07-3395	12	2	21	16	3	2	24	30	10	26	1	8	5	8	
19 LD07-3419	13	1	20	11	1	4	10	10	2	20	7	10	4	17	
20 LD07-3445	23	3	12	29	15	33	15	20	19	18	21	22	24	15	
21 LD07-4477	1	6	1	8	2	11	5	2	16	8	2	2	11	21	
22 LD07-4530	3	7	3	3	11	24	6	1	21	2	4	12	22	13	
23 LD07-5436	18	23	19	25	23	26	23	16	24	23	27	18	13	20	
24 LS07-0662	10	25	6	19	7	20	12	15	7	8	26	25	10	11	
25 LS07-1852	25	19	22	20	21	19	25	28	12	31	33	18	23	23	
26 LS07-2014	28	18	8	17	6	8	21	3	9	6	16	6	1	4	
27 LS07-2955	22	8	5	6	4	13	18	14	29	12	13	10	18	25	
28 LS07-3246	24	16	30	21	9	32	16	8	14	15	5	2	6	16	
29 SS05-4573	32	32	31	33	19	23	32	22	30	29	30	30	32	28	
30 SS05-5096	17	15	2	27	16	7	4	5	15	5	18	4	7	3	
31 SS05-5143	33	33	28	31	33	27	33	24	33	33	19	33	32	32	
32 SS06-5510	29	29	18	30	13	3	20	18	31	25	20	9	3	5	
33 SS06-5658	31	30	11	12	10	6	13	11	32	26	14	21	2	6	

Maturity

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023		9/23	9/16	9/23	9/17	9/16	9/28		10/1		9/26	9/7		9/19	
2 IA3024		-3	-1	-7	-2	-2	-4		-7		-4	-2		-3	
3 IA3048		1	4	2	0	2	5		-3		1	3		2	
4 IA4004		1	2	3	2	5	9		-2		1	1		-2	
5 AR08-285081		2	3	-1	1	6	4		-4		0	2		2	
6 AR09-391010		-5	-3	-3	-3	-1	-4		-7		-2	-3		-3	
7 AR09-391012		-7	-4	-6	-3	-1	-8		-6		-4	-3		-3	
8 AR09-391014		1	5	0	0	5	0		-4		2	2		3	
9 AR09-391015		3	3	2	3	8	6		0		3	1		4	
10 AR09-391016		1	3	3	2	4	7		-2		2	-1		-1	
11 AR09-391017		-1	0	-3	-2	4	-4		-1		0	-2		1	
12 AR09-391020		-8	0	-5	-3	-2	-5		-7		-3	-3		-2	
13 AR09-391021		-16	-8	-13	-4	-6	-7		-9		-5	-6		-3	
14 AR09-391031		-4	-3	-2	-4	1	-5		-3		-2	-4		-3	
15 AR09-391032		-3	2	-1	-2	3	-3		-4		1	1		-2	
16 AR09-391033		-2	3	-3	-2	5	-3		-7		1	1		2	
17 LD07-2396		1	1	0	1	4	-4		-5		-2	-2		-3	
18 LD07-3395		1	6	6	4	11	6		-2		2	3		7	
19 LD07-3419		2	7	6	6	10	9		0		5	3		7	
20 LD07-3445		-6	1	-1	-1	3	-1		-5		0	0		0	
21 LD07-4477		-1	3	0	1	4	1		-4		3	-1		-2	
22 LD07-4530		2	4	4	2	6	6		0		3	0		0	
23 LD07-5436		3	3	3	-2	4	9		-2		3	1		3	
24 LS07-0662		1	4	5	3	8	5		-1		4	2		7	
25 LS07-1852		2	6	5	5	9	8		0		4	2		4	
26 LS07-2014		3	5	4	6	9	6		0		5	7		5	
27 LS07-2955		1	6	4	4	12	8		1		4	3		2	
28 LS07-3246		2	4	1	2	7	2		-2		1	2		-1	
29 SS05-4573		-4	3	3	2	7	-4		-4		0	-2		1	
30 SS05-5096		1	4	1	2	6	6		-3		2	1		1	
31 SS05-5143		-1	1	2	2	5	8		1		1	1		3	
32 SS06-5510		2	8	8	6	14	7		5		7	14		12	
33 SS06-5658		3	12	11	10	17	12		7		9	14		15	
Planted		5/19	5/17	5/25	6/4	6/30	5/26	6/3	5/28	5/27	5/25	5/24	5/18	6/21	5/27

2010 SCN PRELIM TEST III

Lodging (score)

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023	2.5	1.5	1.5	1.0	1.0	1.0	2.1		1.0		2.0	1.0	1.0	2.0	
2 IA3024	2.3	1.5	1.0	2.0	1.5	1.0	1.6		1.0		1.5	1.0	1.0	1.5	
3 IA3048	2.8	1.8	2.0	2.0	2.0	1.0	2.0		1.0		2.5	1.8	1.0	2.0	
4 IA4004	2.8	1.5	1.5	3.5	2.5	1.8	1.9		1.0		2.0	2.0	1.0	3.0	
5 AR08-285081	3.0	2.0	2.5	3.5	2.0	2.3	2.0		2.0		2.5	2.5	1.0	3.0	
6 AR09-391010	2.8	2.0	1.3	2.0	1.5	1.3	2.4		1.0		1.5	1.8	1.5	2.5	
7 AR09-391012	2.3	1.8	1.3	3.0	2.5	1.3	2.1		1.0		1.5	2.0	1.0	2.0	
8 AR09-391014	2.5	2.0	2.0	2.0	1.5	1.3	2.4		1.0		3.0	1.0	1.0	2.5	
9 AR09-391015	3.0	2.0	1.8	3.0	1.5	1.8	2.1		1.0		3.0	2.5	1.0	2.0	
10 AR09-391016	2.0	1.5	1.8	2.5	2.0	1.5	2.3		1.0		2.0	1.5	1.2	1.5	
11 AR09-391017	3.0	2.0	2.0	4.0	2.0	2.0	2.8		2.0		3.0	2.0	1.7	3.0	
12 AR09-391020	2.0	2.0	1.3	2.5	1.5	1.8	1.8		1.0		1.5	1.0	1.0	2.0	
13 AR09-391021	2.5	1.8	1.0	2.0	1.5	1.3	2.1		1.0		2.0	1.0	1.0	3.0	
14 AR09-391031	2.0	1.5	1.3	3.0	1.5	1.0	2.4		1.0		2.5	1.0	1.1	2.0	
15 AR09-391032	1.8	1.0	1.0	3.0	1.0	1.0	1.5		1.0		2.0	1.0	1.0	1.5	
16 AR09-391033	2.8	2.0	1.5	4.0	2.5	1.3	2.2		1.0		2.0	2.0	1.0	2.5	
17 LD07-2396	2.8	1.8	1.3	3.0	1.5	1.5	2.1		1.0		2.0	1.5	1.0	2.0	
18 LD07-3395	1.8	1.5	1.0	4.0	1.0	1.0	2.1		1.0		2.5	1.0	1.2	2.5	
19 LD07-3419	2.0	1.5	1.0	4.0	1.5	1.0	1.9		1.0		2.5	1.3	1.2	2.0	
20 LD07-3445	2.0	1.8	1.5	2.5	2.0	1.0	1.9		1.0		3.0	2.0	1.1	2.5	
21 LD07-4477	2.3	1.5	1.8	2.5	1.0	1.0	1.8		1.0		2.0	1.0	1.0	1.5	
22 LD07-4530	2.0	1.5	1.8	3.5	1.0	1.0	2.1		1.0		2.5	1.0	1.0	2.0	
23 LD07-5436	2.3	1.5	1.5	3.0	2.0	1.3	2.1		1.0		2.5	1.8	1.0	2.0	
24 LS07-0662	2.5	1.8	2.0	4.0	1.5	1.0	2.5		1.0		3.5	1.5	1.0	2.0	
25 LS07-1852	2.5	1.8	1.8	3.5	2.0	1.8	2.2		1.0		3.0	2.0	1.5	2.0	
26 LS07-2014	2.5	2.0	2.3	3.5	2.0	1.8	3.1		1.0		3.0	2.5	1.0	2.5	
27 LS07-2955	2.3	1.8	1.8	3.5	2.0	1.0	1.7		1.0		2.5	1.3	1.0	2.0	
28 LS07-3246	2.8	2.0	1.5	2.0	1.0	1.3	2.0		1.0		2.0	1.0	1.0	3.1	
29 SS05-4573	2.3	1.5	1.5	2.5	1.5	1.5	2.1		1.0		2.0	1.0	1.0	1.5	
30 SS05-5096	2.5	1.5	1.5	3.0	2.5	1.0	2.1		1.0		2.0	1.8	1.4	1.5	
31 SS05-5143	2.0	1.3	1.0	2.0	1.0	1.0	1.9		1.0		2.5	1.0	1.0	1.5	
32 SS06-5510	2.0	1.5	1.3	3.5	1.0	1.0	2.0		1.0		3.0	1.0	1.0	2.0	
33 SS06-5658	1.8	1.0	1.5	3.0	1.0	1.0	2.2		1.0		2.5	1.0	1.2	2.0	

Height (inches)

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023	45	35	35	40	31	32	42		40			39	27		
2 IA3024	43	36	34	40	34	33	37		39			42	27		
3 IA3048	47	37	35	43	38	34	40		34			43	29		
4 IA4004	49	39	37	48	35	39	41		43			46	28		
5 AR08-285081	50	38	38	45	35	40	45		44			47	33		
6 AR09-391010	48	45	42	50	34	38	41		43			47	30		
7 AR09-391012	44	37	33	42	37	33	40		40			39	28		
8 AR09-391014	46	40	41	47	36	39	37		45			47	31		
9 AR09-391015	48	40	40	52	37	41	38		41			49	28		
10 AR09-391016	53	38	41	43	40	41	41		40			47	32		
11 AR09-391017	43	39	35	48	37	38	42		44			44	29		
12 AR09-391020	56	44	43	50	41	44	44		48			47	32		
13 AR09-391021	43	38	36	44	41	39	38		45			41	28		
14 AR09-391031	48	39	38	49	36	37	46		41			46	27		
15 AR09-391032	48	41	37	42	38	37	39		44			42	28		
16 AR09-391033	47	39	40	46	38	37	41		41			45	28		
17 LD07-2396	48	39	36	46	34	36	36		43			45	26		
18 LD07-3395	44	35	31	40	31	32	37		36			39	25		
19 LD07-3419	46	36	35	43	34	33	36		38			41	25		
20 LD07-3445	48	39	42	46	37	37	43		44			46	30		
21 LD07-4477	49	39	38	43	36	34	42		41			44	26		
22 LD07-4530	51	40	37	46	38	38	39		43			45	27		
23 LD07-5436	50	40	41	45	37	39	40		45			48	27		
24 LS07-0662	49	39	36	42	31	36	40		43			41	28		
25 LS07-1852	52	44	42	52	37	44	42		42			49	30		
26 LS07-2014	50	44	42	49	42	42	46		47			52	31		
27 LS07-2955	48	42	43	47	39	39	43		42			45	28		
28 LS07-3246	48	41	37	50	39	37	44		39			44	30		
29 SS05-4573	44	36	37	46	33	35	36		36			42	27		
30 SS05-5096	47	40	38	46	41	36	40		41			44	30		
31 SS05-5143	48	39	37	39	33	36	37		41			38	29		
32 SS06-5510	51	40	37	43	34	35	40		37			44	27		
33 SS06-5658	47	40	38	42	35	37	40		40			45	28		

2010 SCN PRELIM TEST III

Protein (%)

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023	33.3	33.2	30.5			31.2	34.2				32.8	31.0		32.3	
2 IA3024	32.8	33.9	30.4			30.9	33.9				32.1	30.3			
3 IA3048	34.4	35.1	31.0			32.5	34.7				34.0	32.0			
4 IA4004	34.9	35.8	33.1			34.5	35.5				34.3	33.1			
5 AR08-285081	35.3	35.4	32.1			32.9	35.7				34.5	33.2			
6 AR09-391010	35.9	34.8	32.6			34.0	35.5				34.8	33.2			
7 AR09-391012	35.3	34.8	31.9			33.0	35.7				34.7	31.0			
8 AR09-391014	33.9	35.2	31.2			32.4	34.3				34.0	33.3			
9 AR09-391015	34.0	35.3	32.2			33.5	36.0				33.8	34.2			
10 AR09-391016	35.4	36.8	33.0			33.5	36.5				35.1	32.5			
11 AR09-391017	34.7	36.1	32.3			33.0	35.8				35.0	33.3			
12 AR09-391020	32.3	34.5	29.7			30.5	33.2				32.6	29.9			
13 AR09-391021	35.8	35.8	32.6			32.9	35.8				35.3	33.3			
14 AR09-391031	33.2	33.5	30.6			30.4	34.7				33.2	31.0			
15 AR09-391032	34.4	35.7	32.7			31.8	35.3				34.1	32.3			
16 AR09-391033	33.2	34.7	32.2			32.6	33.5				34.1	32.1			
17 LD07-2396	33.5	34.1	30.2			30.1	34.5				31.4	31.2			
18 LD07-3395	33.4	33.1	30.2			31.7	34.0				32.2	31.4			
19 LD07-3419	30.4	32.6	29.0			30.3	33.3				31.5	30.8			
20 LD07-3445	33.1	35.1	31.3			31.8	33.9				33.7	32.0			
21 LD07-4477	33.9	33.8	31.6			33.1	34.9				33.5	32.9		33.4	
22 LD07-4530	33.9	35.0	31.6			31.9	34.5				33.6	32.1			
23 LD07-5436	35.8	37.2	32.5			33.2	36.5				36.0	33.7			
24 LS07-0662	33.2	33.5	30.8			32.2	35.2				34.1	31.4			
25 LS07-1852	33.8	36.2	31.8			33.5	34.8				34.9	33.1			
26 LS07-2014	33.6	34.7	30.3			31.0	34.7				32.9	32.1			
27 LS07-2955	34.6	35.4	31.5			34.5	35.3				34.0	32.4			
28 LS07-3246	35.1	35.5	31.3			33.6	34.9				34.4	33.4			
29 SS05-4573	33.4	34.9	31.1			32.1	35.5				34.4	31.2			
30 SS05-5096	33.7	34.3	30.7			35.3	35.1				33.8	31.3			
31 SS05-5143	36.4	36.2	33.1			34.6	36.1				36.3	33.4			
32 SS06-5510	34.1	35.4	31.3			33.0	35.2				33.6	32.6			
33 SS06-5658	32.9	34.9	31.1			33.2	34.5				33.6	33.0			

Oil (%)

Strain	Council														
	Bluffs	Muscatine	Arthur	Belleville	Dowell	Urbana	Ashland B	Novelty	Fairmont	Herman	Waterloo	Harrisburg	Ottawa	Columbia	
	IA	IA	IL	IL	IL	IL	KS	MO	NE	NE	NE	IL	KS	MO	
SCN HG Type	2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	7	2.5.7	I	1.3.6.7	7	7	NI	NI	NI	
1 IA3023	18.9	19.4	19.6			19.3	18.9				18.9	19.6		19.2	
2 IA3024	19.1	17.9	19.7			19.1	19.3				18.9	20.4			
3 IA3048	17.9	18.6	19.3			18.3	18.6				17.8	19.4			
4 IA4004	18.2	17.7	18.3			17.6	18.0				17.9	19.5			
5 AR08-285081	17.3	17.2	17.7			17.3	17.4				16.8	17.5			
6 AR09-391010	18.9	19.5	19.3			18.6	18.9				18.5	19.2			
7 AR09-391012	17.6	17.9	19.0			18.3	18.0				17.2	19.7			
8 AR09-391014	18.4	18.1	19.1			18.5	19.0				18.4	18.8			
9 AR09-391015	18.0	17.8	18.6			18.5	18.9				18.1	18.7			
10 AR09-391016	18.0	17.5	18.4			18.2	18.1				18.0	19.0			
11 AR09-391017	18.3	17.4	18.6			18.0	18.2				17.6	19.0			
12 AR09-391020	18.6	18.9	19.1			18.5	18.5				18.0	19.7			
13 AR09-391021	18.1	18.6	19.4			18.7	18.8				18.1	18.9			
14 AR09-391031	18.7	18.9	19.2			19.4	18.1				18.7	19.8			
15 AR09-391032	18.0	17.0	18.3			18.2	18.5				17.7	18.6			
16 AR09-391033	19.2	18.5	19.1			19.1	19.0				18.7	19.9			
17 LD07-2396	18.8	19.1	19.0			19.5	19.6				19.0	19.0			
18 LD07-3395	19.5	18.8	19.7			19.1	18.3				18.9	19.3			
19 LD07-3419	20.0	19.7	20.2			19.6	19.8				19.5	20.3			
20 LD07-3445	18.0	18.6	18.1			17.8	18.4				17.7	19.2			
21 LD07-4477	18.3	18.8	18.8			18.5	18.7				18.5	19.1			
22 LD07-4530	17.9	18.1	18.7			18.3	18.7				18.0	18.8			
23 LD07-5436	17.2	17.3	17.7			17.4	18.0				16.7	17.9			
24 LS07-0662	18.2	18.4	18.3			18.2	17.8				17.6	18.6			
25 LS07-1852	18.6	18.4	19.1			17.9	18.7				18.7	19.0			
26 LS07-2014	18.8	19.1	19.4			19.3	18.8				18.8	19.2			
27 LS07-2955	18.9	18.1	19.0			18.4	17.6				18.7	18.8			
28 LS07-3246	18.0	18.4	18.9			18.4	19.0				18.0	19.4			
29 SS05-4573	17.2	18.2	17.5			17.3	16.9				16.8	18.1			
30 SS05-5096	19.1	19.3	19.7			19.2	19.5				18.8	20.4			
31 SS05-5143	17.8	18.1	19.0			18.2	18.7				17.9	19.5			
32 SS06-5510	18.5	18.5	18.4			18.0	18.5				17.6	18.5			
33 SS06-5658	17.7	17.9	18.5			18.2	18.2				17.9	18.0			