

2011 SCN PRELIM TEST IIIB

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 LD08- 756	P+WT+Ltbl	LD02-6538 x LD01-5907	F5	
6 LD08- 871	P+WGy	LD02-6538 x LD03-7610	F5	
7 LD08-12425a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
8 LD08-12426a	PGbf	LD02-4485(2) x (Ina x PI 200538)	F3	Rag2
9 LD08-1566	PTbl	LD03-7607 x LD00-3309	F5	
10 LD08-1592	PGgr	LD03-7607 x LD00-3309	F5	
11 LD08-1646	PGibl	LD03-7607 x LD00-3309	F5	
12 LD08-1673	PGibl	LD03-7607 x LD00-3309	F5	
13 LD08-3611	WTbl	Soygenetics M30121 x LD00-4970	F5	
14 LD08-3936	WGbf	LD02-5868 x LD00-4970	F5	
15 LD08-4767a	P+WTbl	LD02-5320 x [LD00-3309(3) x (LD00-4970(2) x (Dowling x Dwight))]	F5	Rag1
16 LD08-6972	PGibl	LD03-10487 x LD02-4485	F5	
17 SS05-5228	PGy	MPV4238N x GARDENSOY32	F5	
18 SS08-1430	WTbl	LS02-2213 x (SS02-8173 x PI438503A)	F5	
19 SS08-1697	PTbl	MPV4238N x (SS02-8173 x PI438503A)	F5	
20 SS08-1740	PTbl	MPV4238N x (SS02-8173 x PI438503A)	F5	
21 SS08-1960	WGbf	Patriot x (SS02-8173 x PI438503A)	F5	
22 SS08-1974	WGbf	SS02-8173 x (SS02-8173 x PI438503A)	F5	
23 SS08-2028	PGbf	SS02-8173 x (SS02-8173 x PI438503A)	F5	
24 SS08-2930	WTgr	LS02-2213 x (SS02-8173 x PI438503A)	F5	

Entry	IL SCN screening				ISU IDC
	HG 0		HG 2.5.7		score
	FI	rating	FI	rating	
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 LD08- 756	0	HR	57	LR	2.0
6 LD08- 871	12	R	71	NR	1.8
7 LD08-12425a	4	HR	53	LR	2.0
8 LD08-12426a	6	HR	53	LR	2.5
9 LD08-1566	11	R	63	NR	2.0
10 LD08-1592	6	HR	61	NR	2.5
11 LD08-1646	8	HR	97	NR	1.8
12 LD08-1673	7	HR	70	NR	2.0
13 LD08-3611	3	HR	50	NR	2.0
14 LD08-3936	10	R	76	NR	1.8
15 LD08-4767a	12	R	70	NR	2.0
16 LD08-6972	13	R	53	LR	2.5
17 SS05-5228	12	R	60	NR	2.3
18 SS08-1430	0	HR	1	HR	3.0
19 SS08-1697	0	HR	8	HR	3.0
20 SS08-1740	0	HR	2	HR	2.5
21 SS08-1960	13	R	68	NR	2.5
22 SS08-1974	2	HR	51	LR	2.5
23 SS08-2028	3	HR	4	HR	2.0
24 SS08-2930	3	HR	52	LR	1.8

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	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023	18	22	9	15	18	1	16	22	16	16	6	15	2	4
2 IA3024	23	21	13	8	11	2	18	16	17	18	10	17	4	15
3 IA3048	6	6	7	4	10	5	6	3	6	13	13	2	12	1
4 IA4005	19	20	1	1	3	3	7	12	11	20	1	7	1	2
5 LD08- 756	11	11	17	5	2	10	1	14	10	8	12	11	6	7
6 LD08- 871	4	2	10	16	6	4	8	5	3	10	8	14	5	4
7 LD08-12425a	5	3	11	3	7	6	21	21	20	11	15	16	7	17
8 LD08-12426a	13	1	5	12	15	19	23	10	8	9	16	9	17	8
9 LD08-1566	17	10	6	21	14	16	9	20	2	6	7	10	16	19
10 LD08-1592	1	9	3	8	1	13	2	17	7	2	5	3	9	18
11 LD08-1646	10	5	2	10	5	12	17	24	5	4	9	4	13	19
12 LD08-1673	9	14	11	12	13	6	4	23	15	12	3	6	3	23
13 LD08-3611	3	7	14	7	9	9	10	10	12	5	4	7	14	19
14 LD08-3936	7	16	18	18	16	15	5	7	9	7	14	5	18	16
15 LD08-4767a	2	15	8	17	11	8	13	9	1	3	2	12	8	19
16 LD08-6972	12	4	4	5	4	17	11	1	4	1	11	1	9	24
17 SS05-5228	24	24	24	14	8	24	14	13	24	22	19	23	24	8
18 SS08-1430	22	8	23	23	23	21	19	7	22	18	21	18	22	11
19 SS08-1697	14	23	15	20	19	23	15	18	18	16	18	13	19	3
20 SS08-1740	16	18	19	18	20	22	22	19	21	14	17	19	11	8
21 SS08-1960	8	13	16	2	22	11	3	6	13	23	20	20	15	4
22 SS08-1974	21	12	20	21	24	20	20	14	19	21	24	22	23	12
23 SS08-2028	20	19	21	23	17	18	24	2	14	15	22	24	20	14
24 SS08-2930	15	17	21	10	21	14	11	4	23	24	23	21	21	12

Maturity

Strain	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
SCN HG Type	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023		9/30	9/15	10/3	9/18		9/28		9/26		9/29	9/15	9/16	
2 IA3024		0	-2	-4	2		2		-3		1	-3	2	
3 IA3048		2	5	0	3		6		0		-1	5	3	
4 IA4005		6	12	7	15		8		6		7	9	12	
5 LD08- 756		3	5	0	5		5		1		0	10	4	
6 LD08- 871		1	-3	-4	3		6		-2		-1	1	2	
7 LD08-12425a		2	-3	-2	4		4		-6		1	-5	2	
8 LD08-12426a		2	-1	-4	4		6		-1		4	-2	3	
9 LD08-1566		0	2	-4	4		0		0		-1	6	1	
10 LD08-1592		-4	0	-3	3		4		-2		0	5	-1	
11 LD08-1646		1	-1	-4	2		4		0		0	2	2	
12 LD08-1673		1	0	1	5		6		1		0	5	2	
13 LD08-3611		-2	2	0	2		3		-2		0	4	3	
14 LD08-3936		-2	-1	-5	-2		-2		-3		-3	2	-1	
15 LD08-4767a		-2	0	-5	-2		3		-2		1	0	-2	
16 LD08-6972		-2	-2	-6	-5		2		-9		-2	0	-3	
17 SS05-5228		6	17	6	15		12		7		5	15	13	
18 SS08-1430		1	10	3	7		9		4		3	11	8	
19 SS08-1697		-1	9	5	5		8		1		2	9	8	
20 SS08-1740		1	4	3	5		7		4		1	9	7	
21 SS08-1960		7	15	8	12		11		6		6	14	12	
22 SS08-1974		5	10	1	4		8		3		3	8	7	
23 SS08-2028		1	10	0	6		8		2		2	5	6	
24 SS08-2930		5	17	8	14		12		7		3	17	14	
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	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
Strain	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023	1.3	1.5	1.5	1.5	1.0	2.0	1.0					1.0	1.0	1.0
2 IA3024	1.0	1.5	1.5	2.0	2.5	2.5	1.0					1.0	1.0	1.0
3 IA3048	1.5	1.5	1.8	2.5	2.0	2.0	2.0					1.0	1.5	1.0
4 IA4005	1.0	1.5	1.5	1.5	1.0	1.0	1.0					1.0	1.0	1.0
5 LD08- 756	1.3	1.5	1.5	2.0	1.5	1.5	1.0					1.0	2.0	1.0
6 LD08- 871	1.5	1.5	2.3	3.0	2.0	2.5	2.0					1.0	2.0	1.0
7 LD08-12425a	1.8	1.8	1.8	2.0	2.0	2.0	3.0					1.0	1.5	1.0
8 LD08-12426a	1.5	2.0	2.0	2.0	2.5	1.5	2.0					1.0	1.5	1.0
9 LD08-1566	1.5	1.0	1.5	2.0	1.0	1.0	1.0					1.0	1.0	1.0
10 LD08-1592	1.5	1.3	1.5	2.0	2.0	3.0	1.0					1.0	1.0	1.0
11 LD08-1646	1.5	1.0	1.5	1.5	1.0	2.0	1.0					1.0	1.0	1.0
12 LD08-1673	1.3	1.5	1.5	1.0	1.0	1.5	1.0					1.0	1.0	1.0
13 LD08-3611	1.8	1.5	2.3	3.5	2.5	2.0	1.0					1.0	2.0	1.0
14 LD08-3936	1.5	1.8	1.5	3.0	2.0	2.0	1.0					1.0	1.0	1.0
15 LD08-4767a	1.5	1.5	1.8	2.0	1.5	2.0	2.0					1.0	1.0	1.0
16 LD08-6972	1.5	1.5	1.8	3.5	2.0	2.5	3.0					1.0	1.5	1.0
17 SS05-5228	1.5	1.8	1.5	2.0	1.0	2.0	1.0					1.0	1.5	1.0
18 SS08-1430	2.0	2.0	2.8	3.0	3.5	2.5	2.0					1.0	2.0	1.0
19 SS08-1697	1.3	1.5	1.5	2.0	1.5	1.5	2.0					1.0	1.0	1.0
20 SS08-1740	1.0	1.5	1.3	1.5	1.0	1.5	1.0					1.0	1.0	1.0
21 SS08-1960	1.5	1.5	1.5	2.5	2.0	2.5	1.0					1.0	1.5	1.0
22 SS08-1974	2.0	2.0	3.0	3.0	4.0	3.5	3.0					1.0	2.0	1.0
23 SS08-2028	2.0	2.0	3.0	2.5	3.5	3.0	4.0					1.0	2.0	2.0
24 SS08-2930	2.0	1.8	2.3	3.5	2.0	2.5	2.0					1.0	2.0	1.0

Height (inches)

SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
Strain	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023	31	24	36	36	33	43	27					30	35	22
2 IA3024	32	28	35	37	38	42	31					28	38	24
3 IA3048	36	29	37	42	36	48	31					32	35	25
4 IA4005	28	26	36	34	38	44	30					30	37	23
5 LD08- 756	36	32	42	37	40	43	32					33	39	22
6 LD08- 871	39	34	42	43	42	49	35					37	41	22
7 LD08-12425a	40	34	41	38	36	46	33					31	39	23
8 LD08-12426a	38	34	40	37	38	45	32					31	39	27
9 LD08-1566	34	30	39	37	35	45	32					34	36	23
10 LD08-1592	36	31	41	38	39	46	33					34	40	21
11 LD08-1646	39	33	40	37	40	47	32					35	42	21
12 LD08-1673	31	27	34	38	29	43	30					32	36	20
13 LD08-3611	35	30	40	39	37	46	32					33	40	19
14 LD08-3936	32	28	35	36	32	44	34					30	38	21
15 LD08-4767a	38	31	39	42	39	45	34					34	40	22
16 LD08-6972	33	33	39	43	41	46	31					34	40	22
17 SS05-5228	39	31	44	40	37	48	32					37	40	28
18 SS08-1430	37	37	38	43	37	48	36					36	44	28
19 SS08-1697	34	28	34	38	34	46	30					32	35	24
20 SS08-1740	32	30	34	35	36	45	30					30	36	23
21 SS08-1960	42	34	45	45	43	49	38					35	47	26
22 SS08-1974	35	32	45	40	37	44	33					34	39	28
23 SS08-2028	39	36	46	45	40	50	34					34	43	30
24 SS08-2930	43	35	46	50	45	52	39					41	44	30

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Seed Quality (score)

SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
Strain	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023		2.0	2.0	1.0	1.0	2.0						1.0	1.0	2.0
2 IA3024		3.0	1.0	1.0	1.0	3.0						1.0	2.0	2.0
3 IA3048		2.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
4 IA4005		2.0	1.0	1.0	1.0	2.0						2.0	2.0	2.0
5 LD08- 756		3.0	1.0	1.0	1.0	3.0						2.0	2.0	3.0
6 LD08- 871		2.0	1.0	1.0	2.0	3.0						1.0	2.0	2.0
7 LD08-12425a		3.0	2.0	1.0	2.0	2.0						3.0	3.0	3.0
8 LD08-12426a		3.0	2.0	1.0	1.0	3.0						2.0	3.0	3.0
9 LD08-1566		2.0	1.0	1.0	1.0	2.0						1.0	2.0	3.0
10 LD08-1592		2.0	1.0	1.0	1.0	2.0						1.0	2.0	3.0
11 LD08-1646		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
12 LD08-1673		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
13 LD08-3611		2.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
14 LD08-3936		3.0	1.0	1.0	1.0	1.0						1.0	2.0	2.0
15 LD08-4767a		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
16 LD08-6972		2.0	1.0	1.0	2.0	2.0						2.0	2.0	4.0
17 SS05-5228		1.0	2.0	1.0	2.0	2.0						2.0	3.0	2.0
18 SS08-1430		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
19 SS08-1697		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
20 SS08-1740		3.0	1.0	1.0	1.0	2.0						1.0	2.0	2.0
21 SS08-1960		2.0	1.0	1.0	1.0	2.0						2.0	3.0	2.0
22 SS08-1974		3.0	1.0	1.0	1.0	3.0						1.0	2.0	2.0
23 SS08-2028		2.0	1.0	1.0	1.0	1.0						2.0	3.0	2.0
24 SS08-2930		3.0	1.0	1.0	1.0	3.0						2.0	4.0	2.0

Seed Weight (g/100)

SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
	IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
Strain	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023		13.7	12.8	14.0	10.6	16.5						12.3	12.0	12.3
2 IA3024		15.9	12.7	14.5	11.4	17.0						13.1	12.9	12.2
3 IA3048		14.2	12.4	14.0	9.7	13.2						12.3	10.8	12.9
4 IA4005		13.1	12.8	13.5	11.1	15.9						11.0	11.6	12.1
5 LD08- 756		14.4	10.5	13.5	10.5	15.2						10.7	10.3	11.7
6 LD08- 871		15.3	13.1	15.5	12.1	17.2						13.3	12.9	13.6
7 LD08-12425a		19.3	14.9	16.0	13.6	18.5						15.0	14.0	15.1
8 LD08-12426a		17.9	13.5	15.0	12.4	18.5						13.0	11.7	13.4
9 LD08-1566		14.1	10.8	12.5	10.6	14.6						11.1	10.1	10.3
10 LD08-1592		16.0	12.7	14.0	12.0	16.1						13.5	11.7	12.2
11 LD08-1646		15.2	12.2	12.5	10.7	15.1						11.2	10.5	10.7
12 LD08-1673		14.3	11.8	13.0	10.4	13.0						11.7	11.1	11.4
13 LD08-3611		14.5	12.0	14.0	10.5	14.1						11.1	10.9	12.0
14 LD08-3936		12.3	10.0	11.5	8.7	13.5						10.4	9.4	11.8
15 LD08-4767a		12.5	10.7	12.0	9.6	14.5						10.5	10.2	12.5
16 LD08-6972		15.3	13.2	14.5	11.4	16.9						13.4	12.0	13.3
17 SS05-5228		20.2	18.6	19.0	17.2	21.5						18.6	17.7	17.9
18 SS08-1430		14.7	13.2	14.0	11.6	16.7						12.1	12.2	11.6
19 SS08-1697		17.1	14.4	16.5	12.4	17.4						14.2	13.5	13.8
20 SS08-1740		16.1	13.0	16.5	11.3	18.4						14.4	13.5	12.4
21 SS08-1960		13.2	11.5	13.5	10.0	16.0						11.3	10.6	11.4
22 SS08-1974		16.5	13.7	15.0	10.6	16.5						13.5	12.0	11.9
23 SS08-2028		14.3	12.7	13.5	11.1	16.9						11.4	11.9	11.7
24 SS08-2930		16.0	14.9	16.5	11.9	18.3						15.1	12.7	12.8

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Protein (%)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
		2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023			30.1		30.8		31.4				33.8		31.1		
2 IA3024			32.8		32.1		33.9				36.1		31.8		
3 IA3048			32.1		34.5		32.3				35.3		32.2		
4 IA4005			30.3		32.6		33.7				36.1		33.1		
5 LD08- 756			30.8		30.8		37.3				33.3		30.4		
6 LD08- 871			31.2		32.2		31.6				35.2		30.3		
7 LD08-12425a			33.4		32.9		32.0				34.3		32.3		
8 LD08-12426a			33.0		29.0		30.9				35.7		30.0		
9 LD08-1566			32.4		33.0		33.9				36.8		33.8		
10 LD08-1592			32.0		33.4		34.6				36.5		35.3		
11 LD08-1646			30.6		31.7		33.0				35.5		31.5		
12 LD08-1673			30.4		32.4		31.2				35.8		33.0		
13 LD08-3611			34.9		33.9		34.1				37.1		33.3		
14 LD08-3936			32.9		33.0		33.7				34.7		32.3		
15 LD08-4767a			32.0		33.4		32.4				35.8		33.6		
16 LD08-6972			32.7		32.7		31.8				35.1		30.8		
17 SS05-5228			31.8		32.5		34.9				36.6		35.8		
18 SS08-1430			33.9		35.5		36.0				37.7		36.3		
19 SS08-1697			34.8		34.1		35.2				37.3		35.4		
20 SS08-1740			34.2		33.1		34.1				38.2		34.4		
21 SS08-1960			32.3		34.1		34.0				37.0		34.6		
22 SS08-1974			35.5		34.9		36.1				37.4		35.6		
23 SS08-2028			32.3		34.5		35.6				37.3		34.3		
24 SS08-2930			31.2		34.1		34.3				36.3		35.0		

Oil (%)

Strain	SCN HG Type	Leighton	Muscatine	Arthur	Belleville	Dowell	Ashland	Columbia	Novelty	Auburn	Pierce	Seward	Urbana	Harrisburg	Ottawa
		IA	IA	IL	IL	IL	KS	MO	MO	NE	NE	NE	IL	IL	KS
		2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	NI	NI	NI
1 IA3023			20.8		20.6		19.3				16.6		20.4		
2 IA3024			19.2		20.0		17.8				15.2		20.8		
3 IA3048			19.1		18.6		18.3				16.2		20.4		
4 IA4005			19.4		19.3		17.6				16.1		19.7		
5 LD08- 756			20.7		20.8		14.3				18.1		20.7		
6 LD08- 871			19.7		19.8		19.6				16.7		20.9		
7 LD08-12425a			18.8		19.3		19.5				16.6		20.7		
8 LD08-12426a			19.9		21.5		19.4				16.9		21.1		
9 LD08-1566			19.1		19.8		18.5				16.8		18.7		
10 LD08-1592			19.5		19.3		17.7				16.4		18.4		
11 LD08-1646			19.9		19.8		18.3				16.8		20.5		
12 LD08-1673			20.0		19.2		19.0				17.0		19.8		
13 LD08-3611			18.8		19.6		18.5				16.2		20.5		
14 LD08-3936			19.6		19.7		18.0				17.3		19.9		
15 LD08-4767a			20.5		20.6		19.6				16.6		19.4		
16 LD08-6972			19.9		20.1		19.0				16.5		20.3		
17 SS05-5228			18.4		18.9		17.4				16.1		17.9		
18 SS08-1430			18.4		17.7		17.7				15.0		17.9		
19 SS08-1697			19.6		18.6		18.7				16.4		19.6		
20 SS08-1740			18.5		19.2		18.0				16.2		19.1		
21 SS08-1960			18.6		17.7		17.7				15.1		18.4		
22 SS08-1974			18.0		18.6		17.6				15.3		18.2		
23 SS08-2028			20.7		19.4		18.4				16.7		19.3		
24 SS08-2930			18.4		18.3		18.3				16.4		18.5		

