

2011 SCN UNIFORM TEST III

Strain	FPhm	Parentage	Previous testing	Gen. Comp.	Traits
1 IA3023	WLtbl	Dairyland DSR-365 x Pioneer P9381	9	F5	
2 IA3024	PGibl	A97-553017 x Pioneer YB33A99	4	F5	1% linolenic
3 IA3048	WGy	Dairyland 99540 x IA2068	1	F4	
4 IA4005	WLtbl+bf	IA3023 x IA3025	New	F4	1% linolenic
5 AR09-391017	PT+Gbf+br	Syngenta SJ833009 x AR03-161013	10SCN P III	F5	
6 LD07-3419	WGbf	WW115926 x LD00-2817	10SCN P III	F5	
7 LD07-4477	PLtbl	IA3023 x LD00-3309	10SCN P III	F5	
8 LD07-4530	WLtbl	IA3023 x LD00-3309	10SCN P III	F5	
9 LS07-2014	PGbf	SS98-7851 x Maverick	10SCN P III	F5	
10 SS05-5096	PGy	SS95-15348 x IA2040	10SCN P III	F5	
11 SS06-5510	WTtbl	CR03-540 x IA3017	10SCN P III	F5	low lin

Entry	IL SCN screening				SIU SDS	ISU IDC
	HG 0		HG 2.5.7		Valmeyer	
	FI	rating	FI	rating	DX	score
1 IA3023	43	LR	75	NR		2.3
2 IA3024	72	NR	77	NR		2.0
3 IA3048	3	HR	77	NR	No Data	2.0
4 IA4005	57	LR	71	NR		2.0
5 AR09-391017	6	HR	70	**		2.0
6 LD07-3419	1	HR	4	HR		2.3
7 LD07-4477	14	R	63	NR		2.5
8 LD07-4530	13	R	67	NR		2.0
9 LS07-2014	8	HR	96	NR		2.3
10 SS05-5096	10	R	60	NR		2.0
11 SS06-5510	9	HR	65	NR		2.0

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

2011 SCN UNIFORM TEST III

Yield (rank)

SCN HG Type	Yield (rank)																			
	West											Grand					Portage-		Plain	
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City
IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH	
2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	
1 IA3023	10	10	7	11	5	7	3	8	7	7	6	11	3	7	2	7	5	5	2	4
2 IA3024	11	11	4	7	6	5	2	11	11	4	2	9	6	5	7	11	10	8	3	3
3 IA3048	4	2	10	5	10	3	4	6	6	9	4	1	9	4	10	1	1	11	5	8
4 IA4005	8	9	3	2	3	6	1	4	1	11	8	10	5	11	1	2	3	1	1	1
5 AR09-391017	6	8	6	10	8	10	10	5	5	2	3	2	10	10	4	3	11	9	11	6
6 LD07-3419	2	1	1	1	1	2	7	10	4	3	7	4	4	1	6	8	2	7	4	5
7 LD07-4477	1	6	2	4	9	1	8	2	2	6	1	6	2	9	3	6	7	4	9	2
8 LD07-4530	3	4	8	3	2	4	6	9	8	5	5	3	1	6	5	5	9	3	7	10
9 LS07-2014	7	5	11	9	4	9	5	1	3	1	9	5	8	1	11	4	6	6	6	11
10 SS05-5096	5	3	9	8	7	11	9	7	10	8	11	7	11	7	8	10	4	10	8	9
11 SS06-5510	9	7	5	5	11	8	11	3	9	10	10	8	7	3	9	9	8	2	10	7

Maturity

SCN HG Type	Maturity																			
	West											Grand					Portage-		Plain	
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City
IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH	
2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI	
1 IA3023		10/1	9/12	10/2	9/22	10/3		9/6	9/28		9/27		10/2	9/6	9/19	9/17		9/23	10/11	9/26
2 IA3024		-1	0	0	-1	-3		-1	0		-2		-3	0	-2	-2		-2	-3	-6
3 IA3048		2	6	3	2	1		2	7		-1		-3	0	0	5		2	-3	-1
4 IA4005		5	14	9	10	5		5	9		5		1	1	11	9		8	3	8
5 AR09-391017		-4	0	1	-6	-2		4	2		-2		-2	0	-4	-4		-4	-3	-2
6 LD07-3419		5	13	6	7	4		2	8		1		3	2	5	9		5	1	4
7 LD07-4477		1	3	3	0	2		-1	5		2		2	0	1	2		-2	-1	1
8 LD07-4530		1	2	2	0	3		-1	3		0		-2	2	-1	1		-1	-1	0
9 LS07-2014		5	10	5	7	0		2	9		2		3	4	4	9		8	0	0
10 SS05-5096		1	2	3	3	0		-3	8		2		3	1	3	1		0	1	-2
11 SS06-5510		4	16	8	7	3		5	8		4		1	5	7	12		11	1	4
Planted	5/4	5/12	5/12	6/8	6/2	5/17	6/1	5/5	5/23	5/16	5/23	5/31	6/7	5/19	5/31	5/13	6/7	5/31	6/6	5/12

2011 SCN UNIFORM TEST III

Lodging (score)

SCN HG Type	West														Grand				Portage-	Plain
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI
1 IA3023	1.5	1.5	1.3	1.7	1.3	1.0	2.0	1.0	1.0						1.0	1.3	1.0	2.0	2.0	1.4
2 IA3024	1.3	1.5	1.3	2.3	2.0	1.0	1.7	1.0	1.0						1.7	1.0	1.0	2.0	2.0	1.1
3 IA3048	1.3	1.5	1.8	2.3	1.7	1.0	1.3	1.0	1.0						1.3	1.5	1.0	2.0	2.0	1.6
4 IA4005	1.3	1.3	1.5	1.0	1.0	1.0	1.7	1.0	1.0						1.0	1.3	1.0	1.0	2.0	1.0
5 AR09-391017	2.0	1.8	2.5	3.3	2.3	1.0	2.0	3.0	5.0						2.7	2.3	1.0	4.0	3.3	2.9
6 LD07-3419	1.5	1.5	1.5	2.3	1.0	1.0	1.7	1.0	1.0						1.0	1.3	1.0	2.0	2.0	1.1
7 LD07-4477	1.5	1.5	1.5	1.7	1.0	1.0	1.3	1.0	1.0						1.0	1.0	1.0	2.0	2.0	1.7
8 LD07-4530	1.8	1.5	1.8	1.7	1.3	1.0	1.3	1.0	2.0						1.0	1.5	1.0	2.0	2.3	1.3
9 LS07-2014	1.8	1.5	2.3	2.7	2.3	1.2	1.7	1.0	4.0						2.0	1.5	1.0	4.0	2.7	2.5
10 SS05-5096	1.5	1.5	1.8	2.7	1.7	1.2	2.0	1.0	2.0						1.0	1.5	1.3	2.0	2.3	1.4
11 SS06-5510	1.5	1.5	1.5	2.0	1.0	1.0	1.7	1.0	1.0						1.3	1.5	1.0	2.0	2.0	1.3

Height (inches)

SCN HG Type	West														Grand				Portage-	Plain
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI
1 IA3023	32	29	38	33	34	32	41	25	32					25	34	34	21	33	37	29
2 IA3024	30	28	36	37	35	31	43	21	31					25	36	30	23	32	37	30
3 IA3048	35	30	37	35	32	33	45	17	30					26	35	35	24	34	37	32
4 IA4005	28	26	36	33	32	30	43	20	31					24	37	32	23	34	37	30
5 AR09-391017	38	35	34	36	33	34	42	27	31					25	39	35	21	32	41	30
6 LD07-3419	34	31	39	34	33	31	41	22	31					25	34	33	19	31	36	29
7 LD07-4477	34	30	38	33	34	33	43	25	31					26	37	35	23	33	36	34
8 LD07-4530	41	34	38	37	36	35	43	22	33					25	37	39	21	32	38	32
9 LS07-2014	35	37	42	42	39	36	43	22	36					29	40	41	25	34	43	33
10 SS05-5096	30	34	37	39	32	32	45	18	32					25	35	35	25	29	41	33
11 SS06-5510	33	31	39	35	31	31	40	21	30					27	36	35	24	36	42	29

Seed Quality (score)

SCN HG Type	West														Grand				Portage-	Plain
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH
	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI
1 IA3023		1.0	1.0	1.0	2.0	2.5	2.0	3.0							1.0	1.0	1.0	3.0	1.0	2.0
2 IA3024		2.0	2.0	1.0	1.0	2.5	3.0	3.0							1.0	1.0	2.0	3.0	1.0	2.7
3 IA3048		2.0	1.0	1.0	1.0	2.5	3.0	4.0							2.0	2.0	1.0	3.0	1.0	2.7
4 IA4005		2.0	1.0	1.0	2.0	2.5	2.0	4.0							1.0	1.0	2.0	2.0	1.0	2.0
5 AR09-391017		2.0	1.0	1.0	1.0	2.5	3.0	3.0							2.0	1.0	1.0	4.0	2.0	2.7
6 LD07-3419		2.0	1.0	1.0	1.0	2.0	2.0	2.0							2.0	1.0	1.0	4.0	1.0	2.0
7 LD07-4477		1.0	1.0	1.0	2.0	2.0	2.0	2.0							1.0	1.0	1.0	2.0	1.0	2.0
8 LD07-4530		2.0	2.0	1.0	2.0	2.5	3.0	3.0							2.0	2.0	1.0	4.0	1.0	2.3
9 LS07-2014		3.0	1.0	2.0	1.0	2.5	2.0	2.0							2.0	2.0	1.0	2.0	1.0	2.0
10 SS05-5096		4.0	2.0	3.0	3.0	2.0	4.0	3.0							4.0	3.0	2.0	4.0	1.0	3.0
11 SS06-5510		3.0	1.0	1.0	1.0	2.5	2.0	2.0							2.0	2.0	1.0	4.0	1.0	2.3

2011 SCN UNIFORM TEST III

Seed Weight (g/100)

SCN HG Type	West														Grand				Portage-	Plain	
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City	
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH	
1 IA3023	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI	NI
2 IA3024		13.7	13.2	13.5	11.7	14.8	14.4	15.9						16.1	12.6	12.3	13.9	10.6	17.3	15.7	
3 IA3048		16.1	13.9	14.6	12.0	14.2	15.4	16.8						17.1	12.9	13.4	14.2	11.8	17.0	15.2	
4 IA4005		14.6	12.0	13.7	10.0	14.6	13.7	13.8						17.7	11.2	12.5	12.9	13.2	15.6	12.9	
5 AR09-391017		13.1	11.1	13.7	11.1	13.0	15.4	13.9						13.2	12.3	11.6	12.6	10.3	15.5	13.9	
6 LD07-3419		12.5	11.4	12.3	9.7	12.5	14.4	13.6						14.5	10.7	10.2	11.8	10.4	14.3	13.4	
7 LD07-4477		14.5	12.3	14.6	11.3	13.7	14.2	15.6						19.8	12.2	12.7	13.3	11.4	16.2	14.8	
8 LD07-4530		14.8	13.4	14.5	11.3	15.4	14.4	14.6						15.3	12.4	13.4	13.3	12.3	17.4	15.2	
9 LS07-2014		14.3	12.1	14.2	11.9	14.7	15.4	15.1						16.9	12.0	12.5	13.2	10.7	16.9	14.3	
10 SS05-5096		15.6	12.5	15.0	13.1	14.6	17.1	16.9						19.8	12.6	13.3	14.4	13.7	17.1	15.1	
11 SS06-5510		19.7	18.0	19.5	16.3	20.7	21.1	20.7						16.1	17.6	17.1	15.6	14.4	23.3	19.2	
		13.2	12.4	14.1	10.8	12.6	15.5	16.2						18.0	11.7	13.1	12.7	12.8	15.2	14.5	

Protein (%)

SCN HG Type	West														Grand				Portage-	Plain	
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City	
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH	
1 IA3023	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI	NI
2 IA3024		28.6	30.1	32.2		33.5	32.4									31.8		30.7	32.9	34.1	
3 IA3048		33.5	30.5	34.7		33.5	32.4							36.1		32.0		32.2	35.6	34.4	
4 IA4005		31.6	30.9	31.9		35.5	32.8							35.9		33.8		33.2	35.0	34.5	
5 AR09-391017		29.7	30.2	32.4		34.1	33.4							36.6		31.3		33.0	33.3	34.8	
6 LD07-3419		31.6	31.4	31.8		35.2	33.8							36.3		32.7		35.0	32.4	34.1	
7 LD07-4477		26.9	27.7	32.9		32.4	30.6							33.8		29.8		29.9	29.6	31.1	
8 LD07-4530		29.8	30.3	30.4		33.4	33.2							35.2		31.8		34.7	34.1	35.1	
9 LS07-2014		30.9	30.2	32.6		35.6	33.5							35.5		31.0		33.6	33.7	35.6	
10 SS05-5096		30.6	30.3	32.7		34.7	33.0							36.6		31.8		33.4	35.0	34.0	
11 SS06-5510		29.0	31.5	33.3		33.8	33.1							35.5		31.2		33.8	34.8	34.7	
		30.1	31.5	32.2		34.9	34.1							37.8		34.2		36.4	35.1	33.9	

Oil (%)

SCN HG Type	West														Grand				Portage-	Plain	
	Leighton	Muscatine	Arthur	Belleville	Dowell	Lafayette	Ashland	Clarkton	Columbia	Novelty	Auburn	Pierce	Seward	Junction	Harrisburg	Urbana	Ottawa	ville	Hoytville	City	
	IA	IA	IL	IL	IL	IN	KS	MO	MO	MO	NE	NE	NE	TN	IL	IL	KS	MO	OH	OH	
1 IA3023	2.5.7	2.7	I	1.2.5.7	2.5.7	2.5.7	2.5.7	1.2.5.7	1.2.5.6.7	1.2.5.7	I	I	I	I	NI	NI	NI	NI	NI	NI	NI
2 IA3024		20.9	19.9	19.0		19.1	19.6									19.8		21.1	18.9	17.3	
3 IA3048		19.2	20.7	15.4		18.7	19.0							15.7		20.6		20.5	17.2	18.1	
4 IA4005		18.5	20.9	19.7		18.2	18.5							16.0		18.9		20.8	17.2	17.3	
5 AR09-391017		19.9	20.1	19.5		18.1	18.2							15.7		19.7		20.2	18.6	17.7	
6 LD07-3419		20.2	20.2	20.3		18.4	19.0							16.6		19.8		19.5	18.9	18.1	
7 LD07-4477		19.9	21.2	19.6		19.3	19.5							17.6		20.2		21.5	18.7	19.0	
8 LD07-4530		20.3	20.5	19.4		19.4	19.0							16.9		19.9		20.1	18.4	16.6	
9 LS07-2014		18.7	20.7	19.6		18.0	18.1							16.3		20.4		18.8	17.9	17.6	
10 SS05-5096		18.6	21.1	19.1		18.5	18.8							15.9		20.3		21.2	17.6	18.6	
11 SS06-5510		19.5	19.7	19.3		18.2	18.2							16.4		19.8		19.8	17.4	17.3	
		19.2	19.9	19.2		17.6	17.8							14.9		18.8		19.3	16.6	16.9	