

## OOPSCC 2011 Food Soybean Quality Summary

### Relative Maturity Group 0

Variety	Days to Mature		Yield (T/ha)		Protein (%)		Oil (%)		100 Seed Wt. (g)	
	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr
Chikala	109.0	114.5	3.28	3.20	40.4	40.4	20.3	19.8	10.1	9.8
90M30	111.6	--	3.97	--	42.4	--	20.6	--	21.4	--
Krios	112.0	--	3.61	--	46.8	--	18.3	--	18.0	--
OAC Madoc	112.8	114.6	4.07	3.78	40.6	40.9	21.8	21.4	21.3	21.0
S03-W4	113.6	117.9	4.01	3.76	43.1	43.3	20.8	20.3	21.4	20.6
OAC Lakeview	113.8	118.4	4.03	3.83	40.4	40.4	21.4	20.9	21.4	20.7
Kassidy	113.9	116.6	3.82	3.70	44.9	45.3	18.9	18.5	20.9	20.6
DH420	114.6	119.4	3.80	3.54	44.0	44.4	20.1	19.6	24.1	23.3
S05-T6	114.8	118.2	4.24	4.04	42.0	42.0	20.9	20.4	22.1	21.3
Heather	114.9	119.9	3.56	3.44	43.7	43.8	19.9	19.5	23.7	22.2
HDC 2701	115.5	120.2	3.56	3.35	48.3	48.3	18.5	18.2	25.3	24.4
Etna	115.8	--	3.92	--	41.6	--	21.5	--	21.4	--
OAC Champion	116.8	120.6	3.96	3.70	44.1	44.4	20.4	20.0	21.9	21.1
S07-D2	116.8	--	3.95	--	45.6	--	18.4	--	23.5	--
Furio	118.6	123.5	4.01	3.78	44.3	44.6	19.5	19.0	24.0	23.5
Dares	119.1	122.1	3.85	3.74	42.7	42.7	20.4	20.1	22.5	22.2
OAC Blythe	119.1	123.7	3.95	3.77	43.2	43.2	19.6	19.2	19.3	19.0
OAC Wallace	119.3	121.5	4.33	4.13	39.3	39.4	21.8	21.4	20.6	20.2
SR PICOR	120.8	--	3.85	--	41.9	--	20.8	--	22.8	--
DH710	121.3	125.5	3.39	3.19	42.2	42.2	19.8	19.1	11.8	10.9
<b>Average</b>	<b>115.7</b>	<b>119.8</b>	<b>3.86</b>	<b>3.66</b>	<b>43.1</b>	<b>43.0</b>	<b>20.2</b>	<b>19.8</b>	<b>20.9</b>	<b>20.1</b>

2 yr. data (2010-2011), Average of 8 tests conducted in Brussels, Elora, Ottawa and Winchester.

3 yr. data (2009-2011), Average of 12 tests conducted in Brussels, Elora, Ottawa and Winchester.

## OOPSCC 2011 Food Soybean Quality Summary

### Relative Maturity Group 1

Variety	Days to Mature		Yield (T/ha)		Protein (%)		Oil (%)		100 Seed Wt. (g)	
	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr
HDC 2701	109.5	118.1	3.51	3.24	47.3	47.7	18.7	18.2	25.4	24.2
S07-D2	111.3	119.1	3.98	3.80	45.5	45.3	18.6	18.0	24.3	23.1
OAC Purdy	112.5	122.0	3.98	3.79	42.6	42.7	20.7	20.1	21.5	20.8
S09-L6	113.5	120.1	3.68	3.51	47.5	47.5	18.2	17.6	25.2	24.2
OAC Blythe	113.8	121.8	3.86	3.59	43.8	44.0	19.7	19.3	19.4	19.0
DH405-2	114.3	--	4.04	--	43.5	--	20.1	--	24.8	--
EIDER	116.3	--	4.23	--	42.7	--	20.4	--	23.2	--
Stargazer	117.8	126.2	3.82	3.77	44.5	44.2	19.8	19.3	26.1	24.2
DH4173	118.0	--	4.30	--	42.5	--	19.8	--	22.0	--
DH530	119.3	125.3	4.56	4.21	40.6	41.2	21.2	20.4	21.3	20.6
S15-C2	119.3	128.4	4.48	4.25	44.3	44.4	19.2	18.7	25.3	22.8
HDC Goshen	120.0	128.0	4.31	4.11	44.2	43.8	19.0	18.6	25.2	23.2
OAC Ginty	121.3	126.6	4.26	4.08	43.1	42.8	20.4	20.0	20.9	19.4
S18-R6	121.3	129.9	4.58	4.23	41.2	41.2	20.0	19.4	23.3	21.7
Bakara	121.5	128.8	4.54	4.16	45.8	45.0	19.3	18.8	28.0	25.4
DH410SCN	121.8	129.2	4.30	4.03	45.1	44.4	19.3	18.8	21.3	19.4
OAC Huron	121.8	129.3	4.25	4.06	44.0	43.6	20.0	19.3	25.3	23.5
HDC 1600T	122.3	130.0	4.38	4.02	43.7	43.2	19.6	19.3	23.5	21.4
OAC Merion	122.5	128.9	4.33	4.12	43.2	42.7	19.5	19.1	23.2	21.4
OAC Perth	122.5	127.0	4.46	4.31	42.5	42.2	20.4	20.3	21.1	20.6
HDC Blake	123.5	131.6	4.50	4.17	43.8	43.2	18.7	18.5	27.6	25.7
OAC Calypso	124.0	129.9	4.89	4.45	40.9	40.1	20.6	20.4	22.5	20.7
<b>Average</b>	<b>118.6</b>	<b>126.3</b>	<b>4.24</b>	<b>3.99</b>	<b>43.7</b>	<b>43.6</b>	<b>19.7</b>	<b>19.2</b>	<b>23.7</b>	<b>22.2</b>

2 yr. data (2010-2011), Average of 7 tests conducted in Exeter, St. Pauls, Winchester and Woodstock.

3 yr. data (2009-2011), Average of 11 tests conducted in Exeter, St. Pauls, Winchester and Woodstock.

## OOPSCC 2011 Food Soybean Quality Summary

### Early Relative Maturity Group 2

Variety	Days to Mature		Yield (T/ha)		Protein (%)		Oil (%)		100 Seed Wt. (g)	
	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr
HDC Goshen	107.8	112.9	4.21	3.95	43.6	44.0	20.1	19.8	21.4	21.8
S18-R6	108.7	113.8	4.57	4.32	40.7	41.1	21.4	21.1	20.5	21.1
HDC 1600T	109.0	114.4	4.40	4.14	43.2	43.3	21.8	21.4	20.1	20.8
DH4202	110.2	--	4.61	--	41.3	--	21.9	--	21.1	--
DH410SCN	110.6	115.1	4.25	4.06	44.6	44.8	20.6	20.3	18.7	18.9
Mersea	113.2	118.4	4.62	4.37	41.6	42.0	21.5	21.2	20.7	21.5
S20-G7	113.2	117.8	4.18	3.98	43.4	43.7	20.6	20.2	21.0	22.0
OAC Marvel	113.3	117.7	4.44	4.17	43.6	43.7	19.9	19.8	21.9	22.3
HDC Blake	113.8	118.0	4.29	4.13	43.3	43.3	20.4	20.2	24.1	24.7
OAC Kent	115.2	119.2	4.31	4.10	41.8	42.1	22.1	21.9	21.2	22.4
PRO 30-05	115.2	119.6	4.31	4.11	43.1	43.3	19.6	19.3	22.0	22.1
S23-T5	115.8	120.5	4.76	4.43	41.9	41.8	20.0	19.8	18.3	18.6
X790P	116.1	121.0	3.55	3.38	47.9	47.9	18.5	18.4	26.0	25.9
AR16	117.2	--	4.30	--	41.1	--	20.7	--	16.3	--
OAC Thamesville	117.7	122.6	4.55	4.30	42.7	43.1	20.4	20.0	21.9	22.5
DF 155	120.3	124.8	4.64	4.32	44.4	45.0	19.8	19.4	21.8	21.8
<b>Average</b>	<b>113.6</b>	<b>118.3</b>	<b>4.37</b>	<b>4.13</b>	<b>43.0</b>	<b>43.5</b>	<b>20.6</b>	<b>20.2</b>	<b>21.1</b>	<b>21.9</b>

2 yr. data (2010-2011), Average of 8 tests conducted in Inwood, Palmyra, Ridgetown and Talbotville.

3 yr. data (2009-2011), Average of 12 tests conducted in Inwood, Palmyra, Ridgetown and Talbotville.

### Late Relative Maturity Group 2

Variety	Days to Mature		Yield (T/ha)		Protein (%)		Oil (%)		100 Seed Wt. (g)	
	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr
Mersea	106.0	110.2	3.90	3.92	41.6	41.3	21.0	21.2	18.0	19.4
PRO 30-05	107.0	110.7	3.63	3.60	43.6	43.2	19.5	19.6	19.4	20.7
OAC Marvel	107.8	--	3.98	--	43.0	--	20.0	--	19.8	--
X790P	108.2	111.8	3.29	3.21	47.7	48.0	18.6	18.6	24.1	25.0
S23-T5	108.4	112.1	4.00	3.95	41.5	41.6	19.9	19.9	16.0	17.4
OAC Kent	109.0	112.1	3.95	3.86	41.4	41.6	22.0	22.1	19.1	20.5
OAC Thamesville	110.9	114.3	3.99	3.97	43.0	42.8	19.9	20.1	19.5	20.9
S26-F9	112.3	115.6	3.82	3.85	42.1	42.1	20.6	20.8	18.1	19.4
DF 155	114.6	118.1	4.14	4.15	44.0	44.0	19.7	19.9	19.0	20.5
<b>Average</b>	<b>109.4</b>	<b>113.1</b>	<b>3.85</b>	<b>3.81</b>	<b>43.1</b>	<b>43.1</b>	<b>20.1</b>	<b>20.3</b>	<b>19.2</b>	<b>20.5</b>

2 yr. data (2010-2011), Average of 8 tests conducted in Merlin, Woodslee, Chatham and Malden.

3 Yr. data (2009-2011), Average of 12 tests conducted in Merlin, Woodslee, Chatham and Malden.