

OSACC 2016 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
Anser	108.1	108.5	2.51	2.74	40.2	40.6	22.3	21.8	21.7	21.7
OAC Morden	109.7	--	2.85	--	39.6	--	22.8	--	20.1	--
Misty	110.4	110.7	2.99	3.12	41.9	42.1	20.8	20.4	19.1	19.2
OAC Petrel	110.9	112.3	3.06	3.24	41.8	42.4	21.1	20.5	17.6	17.9
Meteor	110.9	112.0	2.89	3.02	46.3	46.3	18.4	18.2	21.4	21.2
Amadeus	111.0	112.0	2.75	2.90	46.8	47.0	18.6	18.3	20.3	20.1
DH401	111.1	111.8	2.93	3.10	45.9	46.1	18.5	18.3	21.4	21.2
Chikala	111.7	113.0	2.58	2.68	39.1	39.4	21.4	21.0	10.0	10.1
DH863	111.7	112.6	2.87	3.00	46.0	46.1	18.9	18.7	20.9	20.8
Jari	113.0	114.2	3.15	3.32	45.8	46.2	19.6	19.2	20.6	20.6
Hana	115.0	116.2	3.25	3.38	44.7	44.7	19.9	19.6	19.9	20.0
Astor	115.1	115.8	3.18	3.30	42.8	43.3	22.2	21.6	22.9	23.2
Asuka	115.9	116.6	3.36	3.43	41.9	42.5	20.9	20.4	22.6	22.8
DH618	116.4	118.3	3.48	3.60	41.2	41.5	21.9	21.5	21.4	21.8
P04T10	116.6	116.7	3.28	3.34	44.1	44.6	20.0	19.5	20.9	21.3
Celebrity	116.6	118.1	3.43	3.53	42.1	42.6	21.6	21.2	19.9	20.3
OAC Strive	117.4	118.5	3.53	3.55	44.1	44.2	20.4	20.0	23.5	23.6
AAC Vireo	117.4	119.5	3.13	3.38	43.1	43.4	21.4	21.0	24.7	25.3
OAC Lakeview	117.6	119.5	3.64	3.70	39.5	39.9	22.4	21.8	21.3	21.4
P07T86	117.6	117.3	3.36	3.40	45.9	46.1	19.9	19.5	23.0	23.2
Auriga	118.4	118.9	3.33	3.43	38.4	39.1	22.3	21.7	21.3	21.1
OAC Prescott	118.4	121.7	3.77	3.85	40.1	40.7	22.3	21.7	22.3	22.9
Etna	118.7	120.5	3.42	3.59	41.0	41.4	22.2	21.8	21.7	22.0
OAC Champion	118.9	120.9	3.38	3.47	42.9	43.3	21.2	20.7	21.8	22.1
S07-D2	119.7	121.1	3.35	3.37	44.3	44.7	19.8	19.3	23.7	23.6
Factor	120.7	123.5	3.74	3.72	42.4	42.7	21.6	21.1	20.7	20.7
S07-M8	121.0	121.6	3.58	3.73	43.4	43.7	20.5	20.1	23.4	23.7
OAC Eve	121.0	122.8	3.43	3.50	42.0	42.4	20.4	19.9	23.4	23.4
OAC Durham	121.3	122.5	3.62	3.66	41.7	42.0	21.2	20.7	23.2	23.2
PRO 275	121.3	121.7	3.63	3.67	40.5	41.0	21.6	21.1	21.6	21.9
HS 09C02	121.7	125.3	3.66	3.69	41.5	42.2	21.2	20.7	21.8	22.2
Marula	122.0	122.4	3.49	3.56	42.9	43.2	20.7	20.3	23.5	23.7
OAC Drayton	122.3	122.7	3.78	3.81	38.7	38.9	22.6	22.2	20.9	20.8
OAC Wallace	122.3	122.1	3.55	3.69	38.5	38.7	22.8	22.4	21.4	21.3
Gladiator	122.9	125.9	3.45	3.53	44.7	44.8	20.0	19.8	24.1	24.0
Neptune	123.1	124.5	3.63	3.71	41.7	42.0	21.6	21.3	24.1	24.5
Osaka	123.1	125.5	3.66	3.78	41.6	42.1	21.4	21.0	21.2	21.6
Caballero	124.0	126.1	3.83	3.92	40.9	41.4	22.0	21.4	23.2	23.0
Taurus	124.7	123.5	3.75	3.67	42.6	43.7	21.0	20.3	22.4	22.4
Skyline	125.7	128.4	3.62	3.68	44.4	44.9	20.6	20.2	20.8	20.9
Emperor	127.1	129.5	3.66	3.86	43.8	43.9	20.6	20.2	26.3	26.0
Average	117.9	119.4	3.36	3.47	42.5	42.9	21.0	20.5	21.6	21.8

2 yr. data (2015-2016), Average of 7 tests at Elora, Lindsay, Ottawa and Brussels.

3 yr. data (2014-2016), Average of 11 tests at Elora, Lindsay, Ottawa and Brussels.

OSACC 2016 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
HS 09C02	120.5	121.6	3.98	3.65	41.8	42.4	21.7	20.8	23.8	22.7
Osaka	121.6	124.5	3.67	3.63	42.3	42.8	21.2	20.6	21.0	21.6
Havane	122.4	123.3	3.96	3.83	42.2	42.2	21.0	20.7	23.1	23.0
DH4173	123.4	122.8	3.84	3.75	41.8	41.8	20.8	20.6	22.1	21.8
Skyline	123.9	123.9	3.63	3.63	44.6	44.6	20.8	20.8	21.5	21.5
Eider	124.6	125.8	3.77	3.80	42.8	42.8	21.2	20.9	23.0	23.2
Black Pearl	124.8	125.6	3.92	3.84	--	--	--	--	22.5	22.2
HDC Carlow	124.9	125.2	3.88	3.79	43.9	43.8	20.4	20.1	25.0	24.8
S14-H3	124.9	125.5	3.70	3.71	44.1	44.0	19.9	19.7	24.1	23.9
DH4202	125.0	125.4	4.16	4.00	41.1	40.9	21.1	21.0	23.7	23.1
HS 13C38	125.2	126.5	3.87	3.79	41.8	42.1	21.6	21.2	21.7	21.6
Karra	125.4	125.6	3.92	3.83	42.5	42.4	21.0	20.7	22.9	22.2
Emperor	125.9	125.5	3.80	3.78	43.9	43.8	20.6	20.4	25.1	25.4
Bakara	126.0	126.3	3.72	3.71	44.5	44.3	20.2	20.0	24.5	24.3
DH530	126.1	126.5	3.90	3.85	41.2	41.2	21.7	21.4	21.2	21.5
OAC Prosper	126.5	126.5	4.28	4.28	44.7	44.7	19.9	19.9	23.5	23.5
S16-F5	127.0	--	3.88	--	44.5	--	19.8	--	25.5	--
DS143C0	127.6	128.7	4.18	4.07	41.5	41.4	20.8	20.4	21.1	21.2
DH410SCN	127.6	128.0	3.82	3.75	44.4	44.5	20.6	20.2	21.5	21.1
HDC Goshen	127.9	129.4	3.76	3.71	43.7	43.7	19.9	19.6	23.8	23.7
SVX14T1G1	128.6	131.0	3.89	3.85	41.9	41.8	21.4	21.1	25.5	26.0
HDC Blake	128.6	129.5	4.16	4.04	42.8	42.9	20.6	20.1	26.4	26.6
OAC Adare	128.6	128.4	3.95	3.91	43.6	43.5	20.2	20.1	22.7	22.8
OAC Avatar	128.8	129.5	4.11	4.07	41.9	41.7	21.0	20.8	22.4	22.2
S18-R6	128.8	130.1	3.96	3.90	41.1	41.0	20.7	20.4	23.1	22.8
HDC 1600T	128.9	129.7	4.09	3.95	42.8	42.8	21.0	20.7	23.1	22.8
OAC Calypso	129.0	128.8	4.38	4.17	39.7	39.7	21.6	21.4	23.0	22.5
Candor	132.4	133.3	4.05	3.95	44.4	44.5	19.8	19.4	27.5	27.8
Average	126.2	126.9	3.94	3.86	42.8	42.7	20.8	20.5	23.4	23.2

2 yr. data (2015-2016), Average of 8 tests at Exeter, St. Marys, Winchester and Woodstock.

3 yr. data (2014-2016), Average of 11 tests at Exeter, St. Marys, Winchester and Woodstock.

OSACC 2016 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 1600T	116.4	116.6	4.08	3.96	43.2	43.4	21.6	21.3	19.5	20.2
S18-R6	116.9	117.3	4.12	3.94	41.2	41.5	20.9	20.7	20.4	20.7
HDC Goshen	117.9	117.8	4.11	3.95	44.1	44.5	20.0	19.6	21.6	22.3
SVX14T1G1	118.0	118.0	4.50	4.50	42.0	42.0	21.5	21.5	22.1	22.1
OAC Prosper	120.2	119.6	4.36	4.14	43.5	43.9	20.2	19.9	19.6	20.3
HDC Blake	121.9	120.2	4.30	4.18	43.4	43.8	20.6	20.3	22.9	24.0
HS 21CS43	122.1	121.5	4.41	4.14	43.7	44.4	19.9	19.4	18.5	19.1
OAC Kent	122.4	121.0	4.28	4.16	42.4	42.6	21.9	21.7	21.4	22.2
S20-G7	122.6	121.8	3.92	3.86	44.0	44.5	20.2	20.0	21.5	22.4
OAC Brooke	124.1	123.7	4.65	4.47	42.8	43.1	20.3	20.1	23.0	23.4
OAC Marvel	124.5	123.8	4.22	4.08	43.8	44.4	19.9	19.5	21.8	22.6
X790P	125.2	125.3	3.47	3.32	47.3	47.8	18.9	18.6	25.0	25.7
Candor	125.5	123.5	4.29	4.15	44.3	44.9	20.1	19.7	25.1	25.9
OAC Thamesville	125.5	124.2	4.31	4.25	42.2	42.7	20.9	20.5	21.7	22.6
S21-C3	125.8	124.3	4.44	4.25	42.2	42.5	20.4	20.3	18.8	19.2
Mersea	127.6	125.1	4.17	4.05	43.1	43.0	20.2	20.2	22.3	22.6
AAC 26-15	128.6	128.5	4.31	4.09	42.7	43.4	21.0	20.6	21.4	21.9
AAC Malden	128.9	129.0	4.01	3.89	44.5	45.0	19.1	19.0	23.0	23.8
DF 155	129.6	129.7	4.43	4.31	43.5	44.4	20.3	19.9	21.7	22.6
Average	123.4	122.7	4.23	4.09	43.4	43.8	20.4	20.1	21.6	22.3

2 yr. data (2015-2016), Average of 8 tests conducted in Inwood, Palmyra, Ridgeway and Talbotville.

3 yr. data (2014-2016), Average of 12 tests conducted in Inwood, Palmyra, Ridgeway 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
OAC Kent	120.9	119.5	4.27	4.31	42.1	42.7	22.4	22.1	22.1	22.7
OAC Thamesville	121.5	120.6	4.45	4.44	41.8	42.4	21.9	21.3	22.5	23.0
OAC Brooke	121.8	121.5	4.29	4.33	42.6	42.9	20.9	20.5	22.9	23.2
OAC Marvel	122.2	121.7	3.99	4.06	43.6	44.1	20.8	20.2	22.2	22.5
AAC 26-15	124.4	124.9	4.03	4.11	42.3	42.9	21.7	21.2	21.1	21.5
Mersea	125.7	123.5	4.55	4.49	42.6	42.6	21.0	20.9	24.0	23.3
DF 155	126.0	125.8	4.94	4.76	42.8	43.6	21.6	20.9	22.6	22.8
AAC Malden	127.0	126.9	4.62	4.54	43.8	44.5	20.5	19.7	24.4	24.2
AAC Stern	130.2	130.4	4.65	4.48	43.1	43.7	21.1	20.4	20.8	20.8
Average	124.4	123.9	4.42	4.39	42.7	43.3	21.3	20.8	22.5	22.7

2 yr. data (2015-2016), Average of 8 tests conducted in Merlin, Woodslee, Chatham and Malden.

3 Yr. data (2014-2016), Average of 12 tests conducted in Merlin, Woodslee, Chatham and Malden.