

2020 MARITIME CONVENTIONAL SOYBEAN VARIETY TRIALS

Table 1: Yield Data Conventional Soybean Trials Relative Maturity 000.5 – 0.1 (~2200-2575 HU)

Variety	Distributor	Relative Maturity	Heat Units	3 Year		2 Year		2020*	
				%	(t/ac)	%	(t/ac)	%	(t/ac)
FJORD	SG CERESCO inc.	000.5	2300					89%	0.95
Siberia	Prograin	000.6	2375			102%	1.06	98%	1.05
Liska	Prograin	000.6	2375			94%	0.97	99%	1.06
KEBEK	SG CERESCO inc.	000.9	2400					94%	1.01
Bennie	ELITE	00.5	2400	96%	1.14	98%	1.01	97%	1.04
Aurelina	SAATBAU	00.5	2400					106%	1.14
CER14-142	SG CERESCO inc.	00.2	2475					104%	1.12
Maya	Prograin	00.5	2475					111%	1.19
METEOR	Sevita International	00.8	2475	101%	1.20	101%	1.05	99%	1.06
CER14-640	SG CERESCO inc.	00.8	2500					95%	1.02
Jari	ELITE	00.9	2500	100%	1.19	102%	1.06	101%	1.09
Hana	Prograin	0.1	2575	104%	1.24	104%	1.08	108%	1.16
Means (t/ac)					1.19		1.04		1.07
Station Years					9		6		3

* 2020 - Canning, NS, Hartland, NB & Harrington, PEI

Table 2: 2018-20 Agronomic Data Conventional Soybean Trials Relative Maturity 000.5 – 0.1 (~2200-2575 HU)

Variety	Relative Maturity	100 Seed Wt. (g)			Plant Height (cm)			Maturity – DTM*		
		3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean
FJORD	000.5			14.9			69			109
Siberia	000.6		15.1	14.3		64	72		112	112
Liska	000.6		17.8	16.8		58	65		113	109
KEBEK	000.9			17			56			111
Bennie	00.5	16.3	16	15.1	60	59	68	118	114	111
Aurelina	00.5			17.2			70			116
CER14-142	00.2			17.6			76			116
Maya	00.5			17.5			73			116
METEOR	00.8	18.9	18.3	16.9	63	64	76	119	115	111
CER14-640	00.8		16.8	16.8		75	75		111	111
Jari	00.9	17.7	17.3	16.7	70	70	83	122	119	116
Hana	0.1	17.2	16.5	15.7	60	58	68	122	118	115

* Days To Maturity based on days to 95% Pod brown

Table 3: Yield Data Conventional Soybean Trials Relative Maturity 0.3-1.2 (~2600-2850 HU)

Variety	Distributor	Relative Maturity	Heat Units	3 Year		2 Year		2020*	
				%	(t/ac)	%	(t/ac)	%	(t/ac)
PANORAMA	Sevita International	0.3	2600	92%	1.07	87%	0.96	87%	1.06
Mirabel	Sevita International	0.3	2600					102%	1.25
AAC KOVIK	SG CERESCO inc.	0.4	2650					88%	1.08
Taurus	Prograin	0.5	2650	101%	1.18	102%	1.12	105%	1.29
Chiba	ELITE	0.5	2650	100%	1.17	95%	1.04	92%	1.13
Marula	Prograin	0.6	2700	107%	1.25	109%	1.19	111%	1.37
Asana	Prograin	0.6	2700					107%	1.31
Black Pearl	Dave & Rose Viane	0.7	2725	100%	1.17	95%	1.04	93%	1.13
Ezra	Prograin	0.8	2725				1.22	114%	1.39
Ajico	ELITE	0.8	2725	101%	1.18	95%	1.05	92%	1.13
HAVANE	SG CERESCO inc.	0.8	2750					104%	1.27
Hakata	Prograin	0.9	2750					91%	1.12
EIDER	SG CERESCO inc.	1	2800					108%	1.32
Atena	Prograin	1.2	2825			112%	1.23	112%	1.37
Taku	SG CERESCO inc.	1.1	2850					106%	1.30
Zana	Prograin	1.2	2875			94%	1.04	89%	1.09
Means (t/ac)					1.17		1.10		1.23
Station Years					7		5		3

Table 4: 2018-2020 Agronomic Data Conventional Soybean Trials Relative Maturity 0.3-1.2 (~2600-2850 HU)

Variety	Relative Maturity	100 Seed Wt. (g)			Plant Height (cm)			Maturity – DTM*		
		3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean**
PANORAMA	0.3	18.4	16.8	16.7	56	61	62	121	122	117
Mirabel	0.3			16.4			65			103
AAC KOVIK	0.4			17.4			71			109
Taurus	0.5	17.7	16.7	17.5	70	76	83	120	120	103
Chiba	0.5	17.8	16.4	16.9	73	77	81	122	123	106
Marula	0.6	19.8	18.5	19.3	70	78	85	123	124	119
Asana	0.6			18.6			79			106
Black Pearl	0.7	18.6	17.3	18.3	69	73	79	130	133	116
Ezra	0.8		16.1	17.1		74	79		128	109
Ajico	0.8	18.1	16.6	17	59	62	64	126	126	109
HAVANE	0.8			17.3			72			108
Hakata	0.9			21			73			111
EIDER	1			17.6			84			117
Atena	1.2		19.1	20.7		65	69		132	115
Taku	1.1			17			75			132
Zana	1.2		15.5	16.8		69	67		131	111

* Days To Maturity based on days to 95% Pod brown

**Note maturity ratings from 2 sites only in 2020 due to an early frost at PEI site

These trials were seeded at a rate of 55 seeds/m² in small plots (6-7m²). The Maritime Soybean Variety Trials are coordinated through the Atlantic Grains Council by Atlantic Agritech Inc. with trial sites conducted by NB Dept. of Agriculture, Aquaculture & Fisheries, AAFC Charlottetown Research and Development Centre, PEI and Dalhousie University, Faculty of Agriculture, Truro NS.

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ELITE: Klay Ansems, Territory Manager Maizex/ELITE Seeds, Atlantic Canada
Ph: (Cell) (902) 680-6995

Prograin: Cardigan Feed Services, Mary Grant , PEI Ph: (902) 583-2055

SAATBAU: Pierre Boireau Ph:514-609-0881

Sevita International: Atlantic Soy Corp, Curtis Penny Ph: 902-213-2522

SG CERESCO INC.: Hicham Fram, Agronomic Director,
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