

2021 MARITIME CONVENTIONAL SOYBEAN VARIETY TRIALS

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

Variety	Seed Company	Relative Maturity	HU Req	3 Year		2 Year		2021*	
				%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Ambella	SG CERESCO inc.	000.5	2250					69%	2216
Abaca	SG CERESCO inc.	00.5	2350					108%	3480
Siberia	Prograin	00.2	2375	100%	2786	94%	2860	97%	3121
Aurelina	SG CERESCO inc.	00.9	2450			104%	3150	110%	3519
JAGO	SG CERESCO inc.	00.5	2475			107%	3231	116%	3738
Liska	Prograin	00.2	2475	94%	2596	93%	2811	93%	2997
Jari	ELITE (Maizex Seeds)	00.9	2500	100%	2786	96%	2910	97%	3113
Maya	Prograin	00.7	2500			101%	3073	100%	3198
Hana	Prograin	0.1	2575	105%	2921	105%	3185	109%	3502
Means (kg/ha)					2772		3031		3209
Sites					9		6		3

* 2021 – Annapolis Valley, NS, Truro, NS & Harrington, PEI

Table 2: 2019-21 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	2021 Mean	3 yr Mean	2 yr Mean	2021 Mean	3 yr Mean	2 yr Mean	2021 Mean
Ambella	000.5			19.6			63			118
Abaca	00.5			21.7			78			126
Siberia	00.2	16.2	16.4	18.5	69	77	82	115	118	125
Aurelina	00.9		19.1	21.3		79	91		121	128
JAGO	00.5		19.3	21.2		81	87		122	129
Liska	00.2	18.7	18.9	21	62	68	72	115	115	123
Jari	000.9	18.1	18.4	20.1	75	85	86	121	121	128
Maya	00.7		18.9	20.4		76	79		121	128
Hana	0.1	17.3	17.5	19.4	64	73	79	121	121	129

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

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

Variety	Seed Company	Relative Maturity	HU Req	3 Year		2 Year		2021	
				%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Panorama	Sevita International	0.3	2600	91%	2857	92%	3135	97%	3699
Taurus	Prograin	0.5	2650	97%	3058	99%	3360	93%	3557
AAC KOVIK	SG CERESCO inc.	0.4	2650			95%	3243	100%	3822
ATACAMA	SG CERESCO inc.	0.6	2675					106%	4022
Marula	Prograin	0.6	2700	101%	3172	102%	3462	93%	3558
Asana	Prograin	0.6	2700			100%	3417	96%	3641
Aya	Prograin	0.5	2675					98%	3716
Ajico	ELITE (Maizex Seeds)	0.8	2725	100%	3135	100%	3411	107%	4081
Dunham	Sevita International	0.8	2725					92%	3495
Ezra	Prograin	0.8	2725	110%	3455	112%	3813	111%	4218
Finch	Sevita International	0.9	2750					107%	4077
HAVANE	SG CERESCO inc.	0.8	2750			102%	3487	101%	3861
Skyline	Sevita International	1.0	2775					99%	3777
Atena	Prograin	1.2	2825	105%	3310	105%	3576	99%	3765
Hakata	Prograin	0.9	2775			90%	3063	90%	3426
Zana	Prograin	1.4	2850	96%	3022	95%	3226	100%	3816
TAKU	SG CERESCO inc.	1.1	2850			108%	3692	110%	4181
Means (kg/ha)					3144		3407		3807
Sites					8		6		3

* 2021 – Annapolis Valley, NS, Truro, NS & Harrington, PEI

Table 4: 2019-2021 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	2021 Mean	3 yr Mean	2 yr Mean	2021 Mean	3 yr Mean	2 yr Mean	2021 Mean
Panorama	0.3	18.9	19.1	21.6	66	70	78	125	124	131
Taurus	0.5	18.5	19.2	21	82	90	99	125	125	131
AAC KOVIK	0.4		20.0	22.8		80	89		131	138
ATACAMA	0.6			21.5			84			139
Marula	0.6	20.8	21.9	24.6	82	90	96	128	128	136
Asana	0.6		20.3	22.3		84	91		127	134
Aya	0.5			24.1			92			136
Ajico	0.8	19.0	19.6	22.7	71	76	90	131	130	137
Dunham	0.8			23.4			98			137
Ezra	0.8	18.1	19.2	21.5	80	86	95	134	133	140
Finch	0.9			20.3			93			138
HAVANE	0.8		19.9	22.6		81	91		131	137
Skyline	1.0			20.6			100			143
Atena	1.2	21.4	22.8	25.1	71	77	85	137	138	144
Hakata	0.9		24.3	28.1		83	94		135	143
Zana	1.4	17.8	19.0	21.5	74	77	88	136	136	143
TAKU	1.1		19.0	21.3		88	102		139	146

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

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; Perennia, Annapolis Valley, NS; Dalhousie University, Faculty of Agriculture, Truro NS.

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Conventional Seed Sales Reps for Nova Scotia

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Prograin - Cardigan Feed Services, Mary Grant , PEI Ph: (902) 583-2055
Eastern Grains Inc., NB Ph: 506- 473- 6661 or 1-866-473-6661

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

SG CERESCO INC.: Hicham Fram, Agronomic Director,
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