

2018 MARITIME SOYBEAN VARIETY TRIALS

Table 1: Yield Data Conventional Soybean Trials 2200-2600 HU
Port Williams, NS Hartland, NB Charlottetown, PE

Variety	Seed Company	Heat Units	2017		2018	
			%	(mt/ac)	%	(mt/ac)
SVX17T000S1	PROSeeds	2300	-	-	82	1.15
Bennie	ELITE	2400	-	-	99	1.39
SVX17T00S15	PROSeeds	2400	-	-	92	1.29
Meteor	PROSeeds	2450	99	1.09	103	1.46
DH401	PROSeeds	2450	100	1.10	103	1.45
SVX17T0S12	PROSeeds	2450	-	-	91	1.28
Jari	ELITE	2500	-	-	100	1.41
DH863	PROSeeds	2550	98	1.08	97	1.37
Hana	Prograin	2575	100	1.09	112	1.58
Astor	PROSeeds	2575	93	1.02	105	1.48
X5553*	PROSeeds	2600	-	-	103	1.46
Means (mt/ac)				1.07		1.39

*Natto variety

Table 2: Agronomic Data Conventional Soybean Trials 2200-2600 HU
Port Williams, NS Hartland, NB Charlottetown, PE

Variety	Seed Company	Heat Units	100 Seed Wt. (g)	Plant Ht. (cm)	Pod Ht. (cm)	Maturity DAP	Protein (%)	Oil (%)
SVX17T000S1	PROSeeds	2300	21.2	52	8	119	42.1	16.7
Bennie	ELITE	2400	17.5	60	8	124	40.7	17.5
SVX17T00S15	PROSeeds	2400	20.8	55	7	121	40.4	17.9
Meteor	PROSeeds	2450	21.3	63	9	123	41.8	17.1
DH401	PROSeeds	2450	21.7	62	8	124	42.2	16.5
SVX17T0S12	PROSeeds	2450	20.4	61	8	125	40.9	17.6
Jari	ELITE	2500	19.1	72	10	124	42.3	15.9
DH863	PROSeeds	2550	20.1	60	9	123	42.4	16.6
Hana	Prograin	2575	19.8	63	8	128	43.0	16.6
Astor	PROSeeds	2575	22.9	59	8	131	41.0	18.4
X5553*	PROSeeds	2600	9.7	72	9	129	39.9	17.8

*Natto variety

Table 3: Yield Data Conventional Soybean Trials 2600-2850 HU
Port Williams, NS & Charlottetown, PE

Variety	Seed Company	Heat Units	2017		2018	
			%	(mt/ac)	%	(mt/ac)
PR10043175	Prograin	2600	88	1.08	91	1.34
Panorama	PROSeeds	2600	102	1.24	91	1.34
Taurus	Prograin	2600	100	1.23	90	1.33
Chiba	ELITE	2650	-	-	99	1.45
Marula	Prograin	2700	101	1.24	94	1.39
PR101222-20	Prograin	2700	-	-	106	1.56
Ajico	ELITE	2725	104	1.28	101	1.49
Black Pearl	Dave & Rose Viaene	2725	104	1.28	99	1.45
PR100764-26	Prograin	2800	-	-	114	1.67
PR120552Z9007-07	Prograin	2850	-	-	114	1.68
Means (mt/ac)				1.22		1.47

Table 4: Agronomic Data Conventional Soybean Trials 2600-2850 HU
Port Williams, Ns & Charlottetown, PE

Variety	Seed Company	Heat Units	100 Seed Wt. (g)	Plant Ht. (cm)	Pod Ht. (cm)	Maturity DAP	Protein (%)	Oil (%)
PR10043175	Prograin	2600	16.6	55	9	121	41.7	18.3
Panorama	PROSeeds	2600	20.9	44	9	118	40.6	18.3
Taurus	Prograin	2600	18.8	57	9	125	41.0	17.7
Chiba	ELITE	2650	19.9	61	9	124	41.0	17.9
Marula	Prograin	2700	22.0	55	10	119	40.5	17.8
PR101222-20	Prograin	2700	19.5	57	8	123	41.6	17.6
Ajico	ELITE	2725	19.9	50	9	127	39.8	19.1
Black Pearl	Dave & Rose Viaene	2725	20.1	60	9	128	-	-
PR100764-26	Prograin	2800	18.5	59	11	131	37.9	19.0
PR120552Z9007-07	Prograin	2850	18.6	71	10	134	40.7	18.8

These trials were seeded at a rate of 55 seeds/m² into small plots (6-7 m²). The Maritime Soybean Variety Trials were coordinated by Doug MacDonald, Atlantic Agritech Inc. with site cooperation from NB Dept. of Agriculture, Aquaculture & Fisheries and AAFC Charlottetown Research and Development Centre, PEI. For further information contact Doug MacDonald email: doug@atlanticagritech.com

Conventional Soybean Seed Sales Reps for PEI

Black Pearl	Dave or Rose Viaene, Belfast, PE	(902) 659-2181 (902) 628-5662
ELITE Seeds	Kevin McCarville District Sales Manager – Atlantic Canada	(902) 432-0375
Prograin	Cardigan Feed Services – Mary Grant	(902) 583-2055
PRO Seeds	Hickey Farms Ltd. Kensington, PE Atlantic Soy Corp – Harry Vanden Broek	(902) 439-1162 (902) 969-6429