

2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 1: Yield Data Conventional Soybean Trials 2200-2600 HU-
Canning,NS Truro,NS Hartland,NB Charlottetown,PEI**

Variety	Seed Company	HU Req	4 years		3 years		2 years		2016	
			%	(kg/ha)	%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
AAC Malika	Eastern Grains Inc	2450							72%	2094
JARI	ELITE	2500	110%	3193	113%	3195	115%	3221	107%	3108
Tundra	Prograin	2375	81%	2372	75%	2144	70%	1967	69%	2008
Hana	Prograin	2575					123%	3430	109%	3150
AAC Edward	SeCan	2375					77%	2154	80%	2306
SVX16T00S2	Sevita Genetics	2475							114%	3307
SVX16T0S1	Sevita Genetics	2525							105%	3044
SVX16T0S4	Sevita Genetics	2550							102%	2948
SVX16T0S5	Sevita Genetics	2550							105%	3045
SVX16T0S8	Sevita Genetics	2575							109%	3148
SVX17T00S23	Sevita Genetics	2475							103%	2971
DH863	PROSeeds	2500	101%	2945	103%	2936	101%	2833	105%	3045
DH404	PROSeeds	2525							111%	3221
DH401	PROSeeds	2550	107%	3111	110%	3110	109%	3040	113%	3270
Astor	PROSeeds	2575	101%	2944	99%	2815	93%	2601	94%	2730
SVX15T00S2	Sevita Genetics	2575					112%	3119	101%	2931
Means (kg/ha)				2913		2840		2796		2895
Station years				13-14		9-10		3-7**		2*
* Harrington, PEI & Hartland NB data only - CV for Yield at Truro & Canning, NS sites too high										
** Some entries (highlighted) tested in Screening trial at one site only(Truro, NS) in 2015										

These trials were seeded at a rate of 55 seeds/m² in small plots (6-7m²). The Maritime Soybean Variety Trials are coordinated by Doug MacDonald, Cereal & Oilseed Research Group, Dalhousie University, Faculty of Agriculture with cooperation from NB Dept. of Agriculture, Aquaculture & Fisheries and AAFC Charlottetown Research and Development Centre, PEI.

For further information contact Doug MacDonald email:doug.macdonald@dal.ca

2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 2: 2014-16 Agronomic Data Conventional Soybean Trials 2200-2600 HU-
Canning,NS Truro,NS Hartland,NB Charlottetown,PEI**

Variety	100 Seed Wt. (gm)	Plant Height (cm)	Pod Height (cm)	Lodging 1-5	Maturity DTM	Protein %	Oil %
AAC Malika	19.6	54	7	1.0	128	39.5	17.4
JARI	19.1	69	12	1.3	122	43.9	16.3
Tundra	18.4	51	8	1.4	112	39.7	17.0
Hana	18.6	60	8	1.0	128	44.8	16.7
AAC Edward	16.3	50	8	1.7	114	40.9	18.3
SVX16T00S2	19.0	70	9	1.5	121	41.5	18.1
SVX16T0S1	18.3	58	8	1.0	123	39.7	18.0
SVX16T0S4	19.8	66	10	1.3	123	39.5	17.6
SVX16T0S5	22.5	62	10	1.1	128	43.5	16.8
SVX16T0S8	20.6	62	9	1.3	127	43.4	17.4
SVX17T00S23	21.8	61	9	1.1	126	43.5	16.7
DH863	19.4	61	9	1.2	119	42.2	17.1
DH404	19.8	64	8	1.0	121	44.2	16.3
DH401	19.8	61	10	1.2	118	43.9	16.7
Astor	21.1	56	8	1.0	123	40.1	18.8
SVX15T00S2	21.3	65	10	1.3	123	43.8	16.9
Means	19.7	60.6	8.9	1.2	122.3	42.1	17.3
Station years	4-12	4-11	3-10	3-10	4-12	2-7*	2-7*
One year data only (4 station years)			Two years data only (5-8 station years)				
Three years data (10-13 station years)							
<i>* Protein & Oil not measured for 2016 NB & PEI sites at time of publication</i>							

2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 3: Yield Data Conventional Soybean Trials 2600-2850 HU –
Canning, NS Truro, NS Hartland, NB Charlottetown, PEI**

Variety	Seed Company/Supplier	HU Req	4 years		3 years		2 years		2016	
			%	(kg/ha)	%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Taurus	Prograin	2600	99%	3147	100%	3068	102%	3067	105%	3168
Narita	Prograin	2600	101%	3221	103%	3160	106%	3179	106%	3202
SVX17T0S2	Sevita Genetics	2600							91%	2762
DH618	PROSeeds	2600	106%	3380	107%	3310	105%	3152	103%	3105
AURIGA	ELITE	2625			95%	2918	91%	2738	89%	2691
ETNA	ELITE	2650	96%	3042	96%	2955	94%	2829	105%	3173
DS045C0	Dow Seeds	2650					103%	3104	100%	3015
SAVANNA	PROSeeds	2650	101%	3215	100%	3068	99%	2962	100%	3032
Marula	Prograin	2700			102%	3128	104%	3114	108%	3271
SVX15T0S4	Sevita Genetics	2700							97%	2940
Black Pearl	Dave & Rose Viaene	2750					97%	2926	101%	3040
HS 09C02	Dow Seeds	2750	97%	3075	98%	3030	99%	2961	102%	3079
DS101C0	Dow Seeds	2775							92%	2789
Means (kg/ha)				3180		3080		3003		3021
Station years				13-14		9-10		3-7**		2*

* Harrington, PEI & Hartland NB data only - CV for Yield at Truro & Canning, NS sites too high

** Some entries (highlighted) tested in Screening trial at one site only (Truro, NS) in 2015

These trials were seeded at a rate of 55 seeds/m² in small plots (6-7m²). The Maritime Soybean Variety Trials are coordinated by Doug MacDonald, Cereal & Oilseed Research Group, Dalhousie University, Faculty of Agriculture with cooperation from NB Dept. of Agriculture, Aquaculture & Fisheries and AAFC Charlottetown Research and Development Centre, PEI.

For further information contact Doug MacDonald email: doug.macdonald@dal.ca

2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 4: 2014-16 Agronomic Data Conventional Soybean Trials 2600-2850 HU –
Canning,NS Truro,NS Hartland,NB Charlottetown,PEI**

Variety	100 Seed Wt. (gm)	Plant Height (cm)	Pod Height (cm)	Lodging 1-5	Maturity DTM	Protein %	Oil %
Taurus	19.7	72	10	1.0	123	43.0	16.8
Narita	21.8	62	9	1.1	122	40.2	18.2
SVX17T0S2	22.2	57	8	1.0	130	40.9	17.8
DH618	19.9	65	11	1.2	124	40.3	18.3
AURIGA	20.2	61	11	1.2	128	36.4	18.7
ETNA	19.9	60	10	1.1	127	39.7	18.9
DS045C0	18.7	72	11	1.2	126	42.2	17.3
SAVANNA	20.2	61	10	1.1	123	40.1	18.0
Marula	21.8	66	9	1.0	125	41.5	17.7
SVX15T0S4	20.3	62	8	1.1	131	38.9	18.5
Black Pearl	20.4	72	9	1.4	130	40.3	20.2
HS 09C02	19.2	59	9	1.1	128	38.2	17.9
DS101C0	20.0	59	7	1.0	136	39.2	17.7
Means	20.3	63.7	9.4	1.1	127.2	40.1	18.2
Station years	4-12	4-11	3-10	3-10	4-12	2-7	2-7
One year data only (2 station years)			Two years data only (3-7 station years)				
Three years data (9-10 station years)							
<i>* Protein & Oil not measured for 2016 NB & PEI sites at time of publication</i>							

Non RR Seed Sales Reps for Nova Scotia

Black Pearl – Dave or Rose Viaene, Belfast, PEI Ph: 902-659-2181 or 902-628-5662(cell)

Dow Seeds: Brian and Edna Newcombe -Atlantic Reps.

Ph: 902-680-6652 (Brian) or 902-542-1577 (Edna)

ELITE: Rafael Gonzalez, Atlantic Rep. Ph: 506-858-6356

Sonny Murray, Western NS Ph: 902- 670-1619

Nathan Smith, Western NS Ph: 902-679-0788

Tyler VanOirschot, Central NS Ph: 902-897-7730

Jack Cox, Central/Eastern NS Ph: 902-759-7018

Jim Weaterhead, Western NS Ph: 902-679-8269

Donnie MacGregor, Truro Agromart (902) 895-2857

Nick Juurlink, Truro Agromart (902) 805-9300

Prograin & Eastern Grains Inc.:

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

Eastern Grains Inc., NB Ph: 506- 473- 6661 or 1-866-473-6661

SeCan: Phil Bailey, Eastern Territory Manager; Ph: 613-592-8600 ext. 247

PROSeeds - Sevita: Harry Vanden Broek Ph: (902) 969-6429

Scotian Gold Cooperative, Sonny Murray, NS Ph: 902- 670-1619

Syngenta NK : Sonny Murray, NS Rep Ph: 902- 670-1619