

2017 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		2017	
			%	(kg/ha)	%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Tundra	Prograin	2350	77%	2118	74%	1991	75%	2027	78%	2040
Meteor	PRO Seeds	2450	110%	3028	108%	2930	109%	2930	103%	2693
DH863	PRO Seeds	2500	104%	2865	102%	2773	104%	2811	102%	2654
DH401	PRO Seeds	2550	109%	3010	108%	2930	109%	2935	104%	2711
Hana	Prograin	2575			113%	3060	107%	2874	103%	2689
Astor	PRO Seeds	2575	99%	2737	95%	2568	96%	2594	96%	2503
Panorama	PRO Seeds	2575							114%	2962
Means (kg/ha)				2752		2709		2695		2607
Station years				12		6-9***		5**		3*

* Truro, NS, Harrington, PEI & Hartland NB data only - CV for Yield at Canning, NS site too high
 ** Two sites yield data only in 2016 due to high CV's
 *** Some entries (highlighted) tested in Screening trial at one site only(Truro, NS) in 2015

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**Table 2: 2014-17 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)	Maturity DTM	Protein %	Oil %
Tundra	18.5	49	8	112	38.5	17.0
Meteor	19.8	61	10	119	42.5	16.4
DH863	19.3	59	9	119	41.7	16.9
DH401	19.6	59	10	119	42.6	16.3
Hana	18.4	56	8	125	42.6	16.6
Astor	20.8	56	8	122	39.1	18.3
Panorama	19.5	54	10	125	36.8	16.0
Means	19.4	56.3	9.0	120.1	40.5	16.8
Station years	3-14	4-14	3-12	4-15	2*-10	2*-10
One year data only (4 station years)			Two years data only (5-8 station years)			
Three years data (10-13 station years)						
* Protein & Oil not measured for 2017 NB & PEI sites at time of publication						

2017 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	HU Req	4 years		3 years		2 years		2017	
			%	(kg/ha)	%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Taurus	Prograin	2650	100%	3056	102%	3052	103%	3076	102%	3030
DH618	PRO Seeds	2650	103%	3133	99%	2969	97%	2909	94%	2811
SAVANNA	PRO Seeds	2700	96%	2908	94%	2797	91%	2710	86%	2549
Marula	Prograin	2700	102%	3108	104%	3093	105%	3131	103%	3061
Ajico	ELITE	2700							106%	3151
Black Pearl	Dave & Rose Viaene	2750	99%	3017	101%	3017	104%	3117	106%	3155
Means (kg/ha)				3044		2986		2989		2976
Station years				13		10		6*		4

** Two sites yield data only in 2016 due to high CV's*

**Table 4: 2014-17 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)	Maturity DTM	Protein %	Oil %
Taurus	19.3	71	10	123	43.6	16.7
DH618	19.5	62	10	125	40.2	18.4
SAVANNA	19.8	60	9	123	40.1	17.9
Marula	21.4	65	9	125	42.1	17.5
Ajico	18.0	59	7	132	41.8	17.4
Black Pearl	19.9	70	9	130	42.4	16.8
Means	19.4	62.9	8.9	126.1	41.8	17.2
Station years	3-14	4-14	3-12	4-14	2-10*	2-10*
One year data only (4 station years)						
Four years data (10-14 station years)						
<i>* Protein & Oil not measured for 2017 NB & PEI sites at time of publication</i>						

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.

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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)

ELITE: Kevin McCarville, District Sales Manager Elite Seeds, Atlantic Canada
Ph: (Cell) (902) 432-0375

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

PRO Seeds: Atlantic Soy Corp, Harry Vanden Broek Ph: (902) 969-6429
Mountain Breeze Farms, Murphy Friesen Ph: 1-207-538-1991

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