

2019

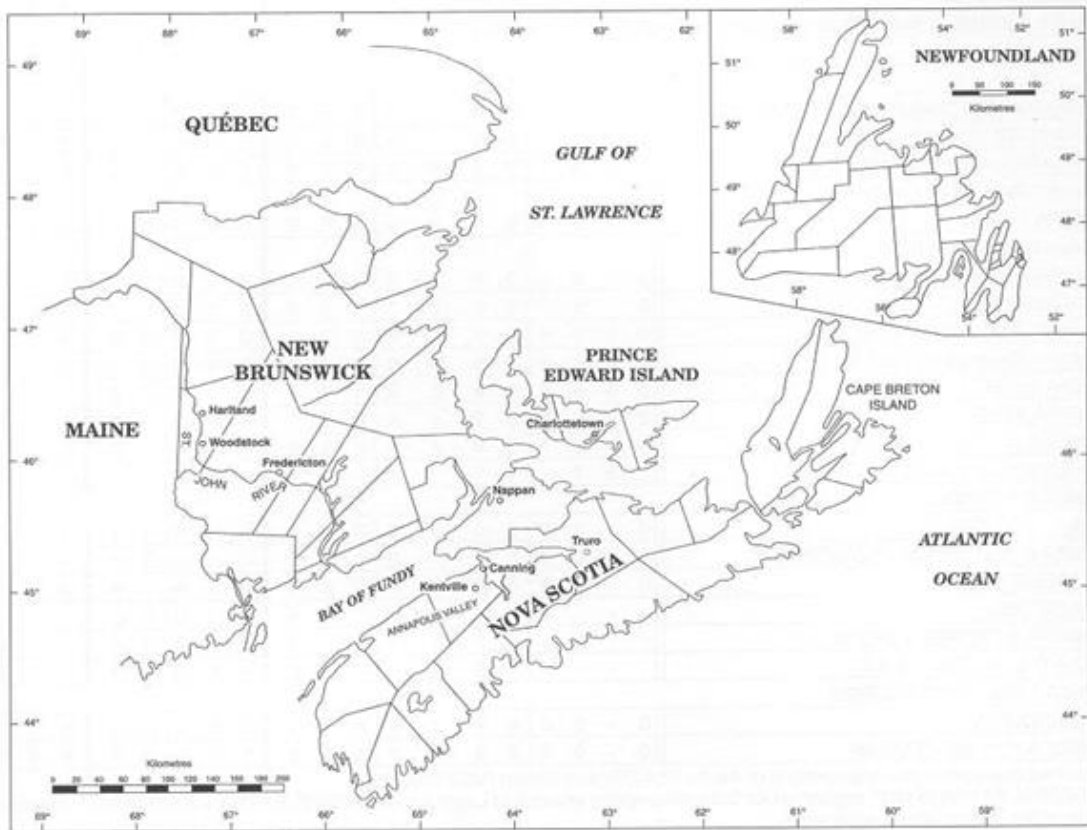
MARITIME SOYBEAN PERFORMANCE TRIALS (2017-2018)

PERFORMANCE DU SOYA AUX MARITIMES (2017-2018)

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By/par

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Doug MacDonald, Atlantic Agritech avec la collaboration du MAAPNB et du Centre de recherche et développement de
Charlottetown



TRIAL SITES / SITES D'ESSAI

	Canning (NS)	Truro (NS)	Port Williams (NS)	Hartland (NB)	Charlottetown (PEI)
2015	X	X		X	X
2016	X	X		X	X
2017	X	X		X	X
2018			X	X	X

These trials were seeded at a rate of 55 seeds/m² in small plots (6-7m²) /
 Essais semés au taux de 55 graines/m² en petites parcelles (6-7m²)

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**Table / Tableau 1: Yield of Roundup Ready Soybean- 2017-2018 /
Rendement du Soya résistant au Roundup-2017-2018**

2200-2500 CHU⁽¹⁾ / UTM⁽¹⁾

Cultivar	Distributor / Distributeur	CHU ⁽¹⁾ / UTM ⁽¹⁾	2017 ⁽²⁾		2018 ⁽³⁾	
			(%)	(kg/ha)	(%)	(kg/ha)
Akras R2	ELITE	2250	95	3255	95	3768
Lassa R2X	ELITE	2250			75	2982
PS00095R2	PRIDE Seeds	2275	84	2863	91	3631
Sunna R2X	ELITE	2300			95	3771
Prince R2X	SeCan	2325			85	3387
Mahony R2	SeCan	2350			92	3680
S007-Y4	Syngenta NK Brand	2350	102	3477	106	4202
RX Cedo	ELITE	2375			97	3847
S006-M4X	Syngenta NK Brand	2375			97	3880
B0040L1	BREVANT	2400			77	3061
Vidar R2X	ELITE	2400			97	3845
PS 0044 XRN	PRIDE Seeds	2400	97	3327	90	3573
DKB005-52	DEKALB	2425	97	3306	89	3528
Mani R2X	ELITE	2425			109	4323
B0067Z1	BREVANT	2450	106	3633	102	4058
B0066L1	BREVANT	2450			109	4325
RX Acron	ELITE	2450			85	3385
P007A90R	Pioneer	2450	95	3264	93	3720
PS 0068 XR	PRIDE Seeds	2450			98	3905
Kendo R2	Prograin	2450	100	3418	114	4545
S008-N2	Syngenta NK Brand	2450			114	4538
DKB007-67	DEKALB	2475			102	4059
Podaga R2	ELITE	2475	108	3713	106	4231
NSC ARNAUD RR2Y	North Star Genetics	2475	103	3537	112	4476
PS 0074 R2	PRIDE Seeds	2475	106	3627	115	4567
25-10RY	DEKALB	2500			100	3980
RX Defender	ELITE	2500			101	4017
NSC SPERLING RR2Y	North Star Genetics	2500			111	4430
PS 0098 XR	PRIDE Seeds	2500			103	4108
Astro R2	Prograin	2500	106	3633	117	4640
Means / Moyenne (kg/ha)			100	3421	100	3949

(1) CHU = Corn Heat Unit / UTM = Unité thermique maïs

(2) Truro, NS, Canning, NS & Harrington, PEI data only. Coefficient of variance for Yield at Hartland NB site too high in 2017 /
Données de Truro et Canning, N.-É. et Harrington, ÎPÉ seulement. Coefficient de variance pour Hartland trop élevé en 2017

(3) Port Williams, NS - Hartland, NB - Charlottetown, PEI

**Table / Tableau 2: Yield of Roundup Ready Soybean- 2017-2018 /
Rendement du Soya résistant au Roundup- 2017-2018**

2500-2700 CHU⁽¹⁾ / UTM⁽¹⁾

Cultivar	Distributor / Distributeur	CHU ⁽¹⁾ / UTM ⁽¹⁾	2017 ⁽²⁾		2018 ⁽³⁾	
			(%)	(kg/ha)	(%)	(kg/ha)
PRO 2525R2	PROSeeds	2500	98	3288	94	3917
B0099B1	BREVANT	2525	105	3547	107	4468
Domingo R2X	Prograin	2525	83	2802	96	4023
S01-C4X	Syngenta NK Brand	2525	89	3000	97	4079
NSC JORDAN RR2Y	North Star Genetics	2525			98	4100
HydraR2	ELITE	2550	97	3254	95	3994
P01A84X	Pioneer	2550			99	4155
LS0008R21	PROSeeds	2575	98	3285	105	4414
PRO 2535R2	PROSeeds	2575	108	3623	105	4379
MALTO R2	Prograin	2575	104	3514	102	4253
DKB02-04	DEKALB	2600			92	3839
PRO 03X74	PROSeeds	2600			106	4439
PRO 2625R2	PROSeeds	2600	105	3536	109	4546
Salto R2	Prograin	2600			106	4421
P04A60R	Pioneer	2625	105	3534	104	4343
DKB04-41	DEKALB	2650			94	3942
Woden R2X	ELITE	2650			93	3878
PS 0333 XRN	PRIDE Seeds	2650			100	4170
S04-D3	Syngenta NK Brand	2650	99	3331	110	4601
P06A13R	Pioneer	2675	100	3369	107	4460
P06A51X	Pioneer	2675			99	4137
PS0555XRN	PRIDE Seeds	2675	103	3464	101	4208
PS0416R2	PRIDE Seeds	2675	101	3393	94	3944
Deniro R2X	Prograin	2675	98	3279	93	3914
Means / Moyenne (kg/ha)			100	3348	100	4193

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(3) Port Williams, NS - Hartland, NB - Charlottetown, PEI

**Table / Tableau 3: Yield of Roundup Ready Soybean- 2017-2018 /
Rendement du Soya résistant au Roundup- 2017-2018**

2700-2850 CHU⁽¹⁾ / UTM⁽¹⁾

Cultivar	Distributor / Distributeur	CHU ⁽¹⁾ / UTM ⁽¹⁾	2017 ⁽²⁾		2018 ⁽³⁾	
			(%)	(kg/ha)	(%)	(kg/ha)
B060L1	BREVANT	2700			101	3848
S07-K5X	Syngenta NK Brand	2700	106	3725	96	3637
CF07X9	Country Farm Seeds	2725			100	3784
Donar R2X	ELITE	2725			105	3976
P08T96R	Pioneer	2725			102	3865
Miko R2	Prograin	2750	108	3806	104	3946
B088Y1	BREVANT	2750			105	3987
B080L1	BREVANT	2750			97	3681
P09A62X	Pioneer	2750			110	4173
PS 0777 XRN	PRIDE Seeds	2750	90	3156	99	3749
CF09X9	Country Farm Seeds	2775			102	3876
P10T48R	Pioneer	2775	99	3494	101	3853
B095D1	BREVANT	2775	97	3425	93	3512
S09-R8X	Syngenta NK Brand	2775			88	3329
Maxo R2	Prograin	2800	99	3496	103	3905
Maris R2X	ELITE	2825			98	3736
CF2858Xt	Country Farm Seeds	2850			96	3654
Dofino R2X	Prograin	2850			106	4006
CF13X9	Country Farm Seeds	2875			95	3621
Means / Moyenne (kg/ha)			100	3517	100	3797

(1) CHU = Corn Heat Unit / UTM = Unité thermique maïs

(2) Truro, NS, Canning, NS & Harrington, PEI

(3) Port Williams, NS - Charlottetown, PEI

**Table / Tableau 4: Yield of Conventional Soybean- 2017-2018 /
Rendement du Soya conventionnel – 2017-2018**

2200-2600 CHU⁽¹⁾ / UTM⁽¹⁾

Cultivar	Distributor / Distributeur	CHU ⁽¹⁾ / UTM ⁽¹⁾	2017 ⁽²⁾		2018 ⁽³⁾	
			(%)	(kg/ha)	(%)	(kg/ha)
SVX17T000S1	PROSeeds	2300			82	2846
Bennie	ELITE	2400			99	3432
SVX17T00S15	PROSeeds	2400			92	3189
Meteor	PROSeeds	2450	99	2690	103	3601
DH401	PROSeeds	2450	100	2707	103	3588
SVX17T0S12	PROSeeds	2450			91	3169
Jari	ELITE	2500			100	3495
DH863	PROSeeds	2550	98	2660	97	3394
Hana	Prograin	2575	100	2694	112	3915
Astor	PROSeeds	2575	93	2516	105	3659
X5553	PROSeeds	2600			103	3600
Means / Moyenne (kg/ha)			100	2653		3444

X5553: Natto

(1) CHU = Corn Heat Unit / UTM = Unité thermique maïs

(2) Truro, NS, Canning, NS & Harrington, PEI data only. Coefficient of variance for Yield at Hartland NB site too high in 2017 /
Données de Truro et Canning, N.-É. et Harrington, ÎPÉ seulement. Coefficient de variance pour Hartland trop élevé en 2017

(3) Port Williams, NS - Hartland, NB - Charlottetown, PEI

**Table / Tableau 5: Yield of Conventional Soybean -2017-2018
Rendement du Soya conventionnel – 2017-2018**

2600-2850 CHU⁽¹⁾ / UTM⁽¹⁾

Cultivar	Distributor / Distributeur	CHU ⁽¹⁾ / UTM ⁽¹⁾	2017 ⁽²⁾		2018 ⁽³⁾	
			(%)	(kg/ha)	(%)	(kg/ha)
PR10043175	Prograin	2600	88	2663	91	3312
Panorama	PROSeeds	2600	102	3074	91	3322
Taurus	Prograin	2600	100	3030	90	3284
Chiba	ELITE	2650			99	3584
Marula	Prograin	2700	101	3061	94	3423
PR101222-20	Prograin	2700			106	3845
Ajico	ELITE	2725	104	3151	101	3681
Black Pearl	Dave & Rose Viaene	2725	104	3155	99	3581
PR100764-26	Prograin	2800			114	4121
PR120552Z9007-07	Prograin	2850			114	4153
Means / Moyenne (kg/ha)			100	3022	100	3631

(1) CHU = Corn Heat Unit / UTM = Unité thermique maïs

(2) Truro, NS, Canning, NS & Harrington, PEI

(3) Port Williams, NS - Charlottetown, PEI

**Soybean Seed Sales Reps /
Distributeurs de semences de soya**

- Black Pearl :** Dave or/ou Rose Viaene, Belfast, PEI(902) 659-2181 or/ou (902) 628-5662
- Brevant Seeds:** Brian and Edna Newcombe -Atlantic Reps. (902)-680-6652 (Brian) or (902) 542-1577 (Edna)
Steve Reeves (902) 439-7450
- Country Farm Seeds:** Grant Watson, ON. (519) 359-7146
- DEKALB Seeds:** **NB:** Hillview Farms Ltd. (James Banks & Cedric MacLeod) (506) 392-6854
NS: Truro Agromart (902) 895-2857
PEI: PEI Agromart (902) 436-1600 & Kerry Sales (Shawn Kerry) (902) 393-8037
- Dow Seeds:** Brian and/et Edna Newcombe (902) 680-6652 (Brian) or/ou (902) 542-1577 (Edna)
- Dupont Pioneer:** **NB:** James Love, (506) 444-1802
NS: Annapolis Valley: Kevin & Sonia Baker (902) 670-0807 (Sonia) or/ou (902) 670-7885(Kevin)
Central/Eastern: Amanda & Mike Eisses (902) 986-3331 or/ou (902) 986-1978 or
902-957-9957 (Lindsay Lewis)
PEI: Phillips Feed Service Ltd:
Cameron McDonald (902) 892-1275 or/ou Andrew VanWiechen (902) 626-5623
- ELITE:** Kevin McCarville, (902) 432-0375
- Northstar Genetics- Semican:** Philippe Charlebois, (819) 621-8405
- PRIDE Seeds:** **NB:** Cavendish Agri-Services:
Kent Curtis (506) 372-9309 or/ou Cora Sharp (506) 378-4605
NS: Cavendish Agri-Services: Truro, Terry Prescott (902) 893-6952
Kentville, Shelly MacInnis (902) 670-0060 or/ou (902) 678-6191
Sarah Morse (902) 559-1154 or/ou (902) 678-6191
PEI: Cavendish Agri-Services: Charlottetown: Alicia Newman (902) 394-6854
O'Leary: Scott McCarthy (902) 859-2200
Summerside: Isaac Peill (902) 436-4884
Eastern PEI: Bernadette Forrester (902) 628-5175
PEI East: Brent Campbell (902) 388-1423
- Prograin :** **NB :** Eastern Grains de l'Est Inc (506) 473- 6661 or/ou 1-866-473-6661
NS : Cardigan Feed Services, Mary Grant (902) 583-2055
Eastern Grains de l'Est Inc (506) 473- 6661 or/ou 1-866-473-6661
PEI: Cardigan Feed Services, Mary Grant (902) 583-2055
- PROSeeds:** **NB:** Mountain Breeze Farms, Murphy Friesen (207) 538-1991
Atlantic Soy Corp, Harry Vanden Broek (902) 969-6429
NS: Mountain Breeze Farms, Murphy Friesen (207) 538-1991
Atlantic Soy Corp, Harry Vanden Broek (902) 969-6429
PEI: Hickey Farms Ltd, (902) 439-1162
Atlantic Soy Corp, Harry Vanden Broek (902) 969-6429
- SeCan:** Phil Bailey, Eastern Territory Manager; 1 (800) 764-5487 ext. 247
- Syngenta NK :** **NB:** McCain Fertilizers: Brad Briggs (506) 392-2810, Steven Hunter, (506) 392-7144 or/ou Sterling Springer,
(506) 245-0188
NS: Western NS: Scotian Gold -Nathan Smith (902) 679-6797 or (902) 680-5077
Northern NS: McCain Fertilizer, John Delodder (902) 969-7009
PEI: McCain Fertilizer: John Delodder (902) 969-7009
Middleton: Bryce Drummond (902) 888-7431
Middleton: Roger Paynter (902) 888-7299
Montague: Benny Nabuurs (902) 969-8100
PEI Agromart: Maryella Maynard (902) 437-6666