

## 2015 GUIDE TO SOYBEAN VARIETY SELECTION

The Maritime Soybean Variety Trials are coordinated and conducted by the Nova Scotia Crop Development Institute with cooperation from New Brunswick Agriculture, Aquaculture and Fisheries, and Agriculture and Agri-Food Canada, Charlottetown, PEI. 2013 variety trials were conducted at Canning and Truro NS, Hartland NB, and Harrington PEI. Results for Roundup Ready (Tables 1 and 2) and Non-Roundup Ready (Table 3) varieties are presented separately. These trials were seeded at a rate of 65 seeds/m<sup>2</sup>.

**Table 1: Roundup Ready Soybean Trials < 2550 HU–Canning, Truro, Hartland, Charlottetown**

Entry Name	Seed Company	Heat Unit Req.	2014 Yield kg/ha	Multi Year Yields (# site years)	2014 100 Seed Wt.(g)	2014 Maturity**	Harrington 2014 Yield kg/ha
NSC LIBAU RR2Y	Semican	2250	3147	3352(8)	17.6	107	1696
Pekko R2	ELITE	2325	3175	2968(20)	17	106	1610
23-10RY	DEKALB	2325	2728	2553(16)	19.2	105	1256
23-60RY	DEKALB	2375	3274	3338(8)	17	106	1783
Hero R2	Prograin	2375	3262	3267(8)	16.6	113	1646
McLeod R2	SeCan	2375	3059	3059(4)	18.1	109	1705
Akras R2	ELITE	2400	3387	3387(4)	18.3	110	1815
Sampsa R2	ELITE	2425	3531	3373(12)	17.9	111	1841
24-10RY	DEKALB	2425	3471	3195(16)	17.9	110	1643
900Y61	Pioneer Hi-Bred	2425	3238	2923(16)	18	109	1447
S00-B7	Syngenta NK Brand	2450	3212	3362(8)	17.2	109	2065
HS 006RYS24	Hyland Seeds	2450	3269	3236(8)	17.7	110	1779
Vito R2	Prograin	2450	3117	2934(16)	15.9	108	1539
PRO 2525R2	Sevita PRO Seeds	2450	3455	3564(12)	19.3	112	2157
S007-Y4	Syngenta NK Brand	2450	3533	3533(4)	17.1	109	2289
24-61RY	DEKALB	2475	3500	3287(12)	17.4	112	1952
HS 007RY32	Hyland Seeds	2475	3478	3398(12)	18.8	112	2016
25-10RY	DEKALB	2500	3760	3556(20)	18.1	113	2245
PS 0083R2	PRIDE Seeds	2500	2773	2982(16)	18.8	114	1958
Astro R2	Prograin	2525	3498	3422(16)	17	115	2431
NSC OSBORNE RR2Y	Semican	2500	3724	3858(8)	18.8	114	1939
LS008R21	Sevita PRO Seeds	2500	3620	3773(8)	17.1	113	2441
90Y01	Pioneer Hi-Bred	2525	3409	3115(12)	16.5	110	1839
PS 0074R2	PRIDE Seeds	2525	3689	3614(12)	15.1	113	2238
NSC Jaden RR2Y	ELITE	2550	3668	3494(20)	16.8	111	2449
P01T23R	Pioneer Hi-Bred	2550	3648	3595(8)	17.3	113	2314
S00-T9	Syngenta NK Brand	2550	3305	3521(8)	18	114	2182

\* Average 2014 Yield from all four test sites

\*\*Maturity recorded as days after planting for 95% pods brown; mean of 4 sites reported

### Roundup Ready Varieties

Roundup Ready varieties rated less than 2550 heat units (Table 1) and varieties rated greater than 2550 heat units (Table 2) are tested in separate trials due to the large number of entries in the evaluation. Consequently yield comparisons between varieties on each table (Table 1 or Table 2) can be made, but the yield of varieties in Table 1 cannot be directly compared to the yield of varieties in Table 2.

**Table 2: Roundup Ready Soybean Trials > 2550 HU – Canning, Truro, Charlottetown**

Entry Name	Seed Company	Heat Unit Req.	2014 Yield* kg/ha	Multi Year Yields (# site years)	2014 100 Seed Wt. (g)	2014 Maturity** DAP	Harrington 2014 Yield kg/ha
Ekurana R2	ELITE	2550	3552	3375(7)	16.5	116	2198
PRO 2535R2	Sevita PRO Seeds	2575	3555	3555(3)	19.4	118	2155
26-12RY	DEKALB	2600	3669	3381(7)	16.8	118	2145
PS 0242 R2	PRIDE Seeds	2600	3290	3089(15)	16	115	1956
Theo R2	Prograin	2600	3384	3304(7)	17	116	1899
CF01GR	Semican	2600	3308	3308(3)	16.9	118	1906
Colt R2	ELITE	2625	3550	3135(7)	15.4	116	2211
HS 03RY33	Hyland Seeds	2625	3716	3365(7)	17.7	119	2015
26-10RY	DEKALB	2650	3604	3325(19)	15.4	117	1716
PRO 2625R2	Sevita PRO Seeds	2650	3580	3399(7)	18.6	119	2373
PRO 2635R2	Sevita PRO Seeds	2650	3572	3377(7)	16.2	119	2179
S04-D3	Syngenta NK Brand	2650	3538	3538(3)	17.8	117	2145
HS 05RYS25	Hyland Seeds	2675	3592	3388(7)	16.5	118	2136
P06T28R	Pioneer Hi-Bred	2675	3574	3574(3)	17.4	119	1984
PS 0416 R2	PRIDE Seeds	2675	3615	3615(3)	16.3	119	1917
Camaro R2	SeCan	2675	3498	3498(3)	15.4	119	2082
27-12RY	DEKALB	2700	3886	3886(3)	17.7	119	2366
Mundo R2	Prograin	2700	3568	3415(11)	18.2	120	2107
Nitro R2	Prograin	2700	3553	3553(3)	19.3	119	2184
NSC CARIBOU RR2Y	Semican	2700	3618	3369(7)	16.1	119	2250
S07-B6	Syngenta NK Brand	2700	3405	3405(3)	15.9	121	1776
90Y90	Pioneer Hi-Bred	2750	3566	3343(15)	17.8	120	2269
PS 0650 R2	PRIDE Seeds	2750	3218	3218(3)	19.2	118	1861
CF12GR	Semican	2750	3492	3242(7)	17.9	120	1910
5091 RR2Y	ELITE	2775	3401	3401(3)	16.6	120	1916
HS 09RYS12	Hyland Seeds	2775	3645	3291(7)	16.7	122	2214
91Y01	Pioneer Hi-Bred	2775	3731	3475(7)	17.5	121	2334
S10-P9	Syngenta NK Brand	2800	3427	3427(3)	17.8	122	1773
P12T82R	Pioneer Hi-Bred	2825	3512	3512(3)	16.7	122	1748
Maxo R2	Prograin	2825	3442	3342(7)	16.7	122	2057

\* Average 2014 Yield from all three test sites

\*\*Maturity recorded as days after planting for 95% pods brown; mean of 3 sites reported

## RR Soybean Seed Sales Reps for PEI

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

Kevin McCarville PEI Rep Ph: 902-432-0375

Maryella Maynard, PEI Agromart (902) 437-6666

**Hyland Seeds:** Brian and Edna Newcombe -Atlantic Reps.

Ph: 902-680-6652 (Brian) or 902-678-1275 (Edna)

**DEKALB Seeds:** Kerry Sales (Shawn Kerry)

Cornwall, PE Ph: 902-566-2612

**Pioneer Hi-Bred:** Phillips Feed Service Ltd. Charlottetown, PEI

Cameron McDonald Ph: 902-892-1275 or Andrew VanWiechen Ph: 902-626-5623

**PRIDE Seeds:** Cavendish Agri-Services, Charlottetown;

Ryan Schofield Ph: 902-566-5597

Cavendish Agri Services, O'Leary ; Watson Silliker Ph: 902-859-2200

Cavendish Agri Services, Summerside; Doug Dawson Ph: 902-436-4884

Cavendish Agri Services, Eastern PEI; Bernadette Forrester Ph: 902-566-5597

**Sevita PRO Seeds:** Hickey Farms Ltd, Kensington, PEI, 1-902-439-1162; Harry Vanden

Broek Ph: (902) 969-6429

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

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

**Semican:** Jacques Beauchesne, QC Ph: 1-866-736-4226

**Syngenta :** McCain Fertilizer, John Delodder Ph: 902-969-7009

Bryce Drummond, Middleton PEI Rep, 902-888-7431

Roger Paynter, Middleton PEI Rep, 902-888-7299

Scott McCarthy, Bloomfield PEI Rep, 902-853-5342

Benny Nabuurs (Manager), Montague PEI 902-969-8100

**Table 3: Non-Roundup Ready Soybean Trials – Canning, Truro, Charlottetown**

Entry Name	Seed Company	Heat Unit Req.	2014 Yield** kg/ha	Multi Year Yields (# site years)	2014 100 Seed Wt. (g) *	2014 Maturity*** DAP	Harrington 2014 Yield kg/ha
Tundra	Prograin	2350	2497	2742(19)	17.6	105	1130
AAC Mandor	Sevita PRO Seeds	2400	3042	3042(3)	18.2	113	1650
DH413	Sevita PRO Seeds	2400	3324	3185(11)	18.5	112	2500
DH863	Sevita PRO Seeds	2500	3142	3210(23)	18	113	2279
Misty	Sevita PRO Seeds	2500	3194	3195(23)	16.2	113	1915
Jari	ELITE	2550	3135	3340(23)	17.8	117	2464
Amadeus	Prograin	2550	2906	2836(7)	17.3	113	2173
DH401	Sevita PRO Seeds	2550	3249	3125(11)	18.7	113	2487
Toma	Prograin	2575	3003	3116(23)	18.9	116	1852
Astor	Sevita PRO Seeds	2575	3243	3238(7)	19.8	116	2110
Atwood*	Advantage Seeds	2600	2459	2963 (28)	17.9	115	2309
Narita	Prograin	2600	3122	3261(11)	19.5	117	2308
DH420	Sevita PRO Seeds	2600	3247	3338(23)	19.5	115	2316
DH618	Sevita PRO Seeds	2600	3679	3508(19)	18.6	116	2436
Celebrity	Sevita PRO Seeds	2575	3322	3241(7)	17	116	2322
PSX12C62S	Sevita PRO Seeds	2600	3293	3263(7)	16.9	117	2639
Etna	ELITE	2650	3207	3376(19)	19.1	119	2458
Taurus	Prograin	2650	3069	3215(7)	18.8	117	2428
Savanna	Sevita PRO Seeds	2650	3280	3430(27)	18.6	116	2429
S03-W4	Syngenta NK Brand	2650	3237	3273(15)	19.2	116	2019
Madison	Hyland Seeds	2700	3325	3454(22)	17.4	118	2337
Saska	Prograin	2700	3080	3299(11)	16.2	119	2274
S07-M8	Syngenta NK Brand	2700	3431	3326(7)	20.7	119	2390
HS 09C02	Hyland Seeds	2750	3167	3245(19)	17.8	119	2252
Acora	Prograin	2800	3330	3330(3)	18.2	121	2656
Hannah	Meadow Brook Farms	2800	2828	2828(3)	18.8	122	1663
Inwood Vinton	Meadow Brook Farms	2950	2591	2591(3)	18	127	1706

\*Atwood included as check for comparison due to multiple years testing, data derived from past test years.

\*\* Average 2014 Yield from all three test sites

\*\*\*Maturity recorded as days after planting for 95% pods brown; mean of 3 sites reported

\*\*\*\* Non RR Trial not harvested at Hartland, NB site

## Non RR Soybean Seed Sales Reps for PEI

**Advantage Seed:** Meadow Brook Farm – David Mol Ph: 902-628-9292

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

Kevin McCarville PEI Rep Ph: 902-432-0375

Maryella Maynard, PEI Agromart (902) 437-6666

**Hyland Seeds:** Brian and Edna Newcombe -Atlantic Reps.

Ph: 902-680-6652 (Brian) or 902-678-1275 (Edna)

**Sevita PRO Seeds:** Hickey Farms Ltd, Kensington, PEI, 1-902-439-1162; Harry Vanden Broek Ph: (902) 969-6429

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

**Syngenta** : McCain Fertilizer, John Delodder Ph: 902-969-7009

Bryce Drummond, Middleton PEI Rep, 902-888-7431

Roger Paynter, Middleton PEI Rep, 902-888-7299

Scott McCarthy, Bloomfield PEI Rep, 902-853-5342

Benny Nabuurs (Manager), Montague PEI 902-969-8100

**Meadow Brook Farms:** David Mol Ph: 902- 368-1718