

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 1: Yield Data Roundup Ready Soybean Trials Relative Maturity 000.5-0.1 (~2200-2500 HU)

Variety	Distributor	Relative Maturity	HU Req	3 Year		2 Year		2020*	
				%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
Amirani R2	ELITE	000.5	2150					86%	2140
Akras R2	ELITE	000.9	2250	94%	3106	96%	2732	90%	2232
Fresco R2X	Prograin	000.7	2275					91%	2257
Sunna R2X	ELITE	00.1	2300	94%	3094	98%	2781	95%	2352
Devo R2X	Prograin	000.5	2350					87%	2159
S007-Y4	Syngenta	00.5	2350	99%	3286	97%	2754	102%	2532
Renuka R2X	ELITE	00.3	2350			85%	2409	90%	2236
S007-Z1X	Syngenta	00.7	2400					105%	2601
P006A37X	Pioneer	00.6	2425					104%	2575
B0066L1	Brevant	00.6	2450	100%	3313	100%	2846	114%	2827
PS 0068XR	PRIDE Seeds	00.6	2450	93%	3083	95%	2703	94%	2332
EXP00520XR	PRIDE Seeds	00.6	2450					85%	2094
S008-N2	Syngenta	00.8	2450	105%	3477	104%	2967	111%	2755
PS 0074R2	PRIDE Seeds	00.7	2475	108%	3559	105%	2998	105%	2590
PS 0077XRN	PRIDE Seeds	00.7	2475	90%	2978	99%	2811	99%	2450
Elmo E3	Prograin	00.7	2475					93%	2299
Kudo R2X	Prograin	00.7	2475					102%	2530
SI 00819XT	Sevita International	00.8	2475			97%	2766	88%	2181
SI 00820XTN	Sevita International	00.8	2475					106%	2615
Podaga R2	ELITE	00.8	2475	106%	3499	108%	3063	109%	2687
DKB008-48	DEKALB	00.8	2500					114%	2813
PS 0098XR	PRIDE Seeds	00.9	2500	101%	3330	105%	2985	115%	2845
Kendo R2	Prograin	00.8	2525	102%	3384	100%	2853	110%	2715
S01-C4X	Syngenta	0.1	2525	108%	3555	111%	3173	107%	2643
Bronco R2X	Prograin	00.9	2550					97%	2408
Means (kg/ha)					3305		2846		2475
Station Years					10-13		7		3

*2020 Sites - Berwick, NS; Hartland, NB & Harrington, PEI

Limited seed available 2021

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 2: 2018-20 Agronomic Data Roundup Ready Soybean Trials Relative Maturity 000.5-0.1 (2200-2500 HU)

Variety	Relative Maturity	100 Seed Wt. (g)			Plant Height (cm)			Maturity – DTM*		
		3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean**
Amirani R2	000.5			13.6			75			109
Akras R2	000.9	17.3	16.1	14.5	59	65	69	118	114	109
Fresco R2X	000.7			13.3			74			110
Sunna R2X	00.1	16.3	15.3	14	66	70	75	119	115	110
Devo R2X	000.5			13.7			60			108
S007-Y4	00.5	16.4	15.1	13.8	60	65	69	119	115	111
Renuka R2X	00.3		13	12		72	80		113	108
S007-Z1X	00.7			15.2			78			114
P006A37X	00.6			14.1			73			111
B0066L1	00.6	16.4	15.3	13.9	61	61	67	123	118	106
PS 0068XR	00.6	16.3	15.5	13.8	66	66	75	120	116	114
EXP00520XR	00.6			14.3			73			112
S008-N2	00.8	17.5	16.6	15	75	76	87	122	117	106
PS 0074R2	00.7	15.1	13.9	12.8	66	73	78	125	118	106
PS 0077XRN	00.7	16	15.7	14	68	74	81	117	118	113
Elmo E3	00.7			13			68			97
Kudo R2X	00.7			13.7			76			103
SI 00819XT	00.8		14.5	13.3		70	75		122	110
SI 00820XTN	00.8			15			71			113
Podaga R2	00.8	17.8	17.2	15.8	71	77	82	121	115	106
DKB008-48	00.8			13			73			105
PS 0098XR	00.9	15	14.4	13.3	64	65	71	123	118	108
Kendo R2	00.8	17.4	16.1	14.4	71	75	82	121	115	105
S01-C4X	0.1	15	14.3	13.1	67	72	80	122	118	114
Bronco R2X	00.9			15.2			77			105

* Days To Maturity based on days to 95% Pod brown

**Note some varieties tested one year may have only maturity ratings from 2 sites in 2020 due to an early frost at some sites

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 3: Yield Data Roundup Ready Soybean Trials Relative Maturity 00.9-0.7 (~2525-2700 HU)

Variety	Distributor	Relative Maturity	HU Req	3 Year		2 Year		2020*	
				%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
B0099B1	Brevant	00.9	2525	102%	3395	100%	2830	107%	2987
P00A75X	Pioneer	00.9	2525			95%	2692	97%	2697
S01-C4X	Syngenta	0.1	2525	99%	3318	101%	2882	93%	2591
DKB00-20	DEKALB	0.0	2550					100%	2778
LS008R21	Sevita International	0.1	2550					96%	2680
SI 0120XTN	Sevita International	0.1	2550					96%	2677
Hydra R2	ELITE	0.1	2550	101%	3370	101%	2872	97%	2700
Rico R2X	Prograin	0.1	2575					96%	2682
PRO03X74	Sevita International	0.2	2575					92%	2568
SI 0220XT	Sevita International	0.2	2575					87%	2432
P03A26X	Pioneer	0.3	2600			100%	2840	102%	2852
PS 0229XRN	PRIDE Seeds	0.2	2600			99%	2799	100%	2773
Donaldo R2X	Prograin	0.2	2600			108%	3072	105%	2935
Yoko R2X	Prograin	0.2	2600					95%	2648
PRO 2535R2	Sevita International	0.3	2600					100%	2791
SI 0320XTN	Sevita International	0.3	2600					103%	2856
S04-D3	Syngenta	0.4	2600	106%	3525	101%	2880	96%	2679
DKB03-25	DEKALB	0.3	2625					106%	2959
Enzo E3	Prograin	0.3	2625					87%	2426
Salto R2	Prograin	0.4	2625	103%	3430	100%	2836	102%	2843
S04-J6X	Syngenta	0.4	2625					102%	2830
Stingray R2X	ELITE	0.4	2625					100%	2829
Woden R2X	ELITE	0.5	2650	98%	3370	112%	3163	108%	3082
P05A35X	Pioneer	0.5	2650					100%	2783
PS 0420XRN	PRIDE Seeds	0.4	2650					96%	2663
Nano R2X	Prograin	0.5	2650					114%	3165
PS 0555XRN	PRIDE Seeds	0.5	2675	96%	3212	92%	2615	96%	2672
PS 0416R2	PRIDE Seeds	0.4	2675	94%	3126	93%	2636	98%	2729
S05-N5X	Syngenta	0.5	2675			97%	2747	100%	2779
P07A18X	Pioneer	0.6	2700					110%	3069
PRO 2625R2	Sevita International	0.7	2700	103%	3436	98%	2771	107%	2967
S07-K5X	Syngenta	0.7	2700			108%	3056	102%	2852
Vertigo R2	Prograin	0.7	2700	96%	3214	97%	2750	105%	2910
Means (kg/ha)					3340		2840		2784
Station Years					8		5		1

***2020 Sites - Harrington, PEI (One site due to high variability for yields at other sites)**

Limited seed available 2021

Sold out for 2021

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 4: 2018-2020 Agronomic Data Roundup Ready Soybean Trials Relative Maturity 00.9-0.6 (~2525-2700 HU)

Variety	Relative Maturity	100 Seed Wt. (g)			Plant Height (cm)			Maturity – DTM*		
		3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean**
B0099B1	00.9	17.8	17.1	16.2	64	62	68	128	122	108
P00A75X	00.9		15.5	14.6		60	70		118	103
S01-C4X	0.1	15.4	14.8	14.2	66	64	73	122	117	110
DKB00-20	0.0			15.1			68			107
LS008R21	0.1			14.5			72			107
SI 0120XTN	0.1			14			85			107
Hydra R2	0.1	16.8	16.2	15.7	72	71	80	125	118	108
Rico R2X	0.1	13.5		13.5			69			108
PRO03X74	0.2			14			75			109
SI 0220XT	0.2			14.4			81			109
P03A26X	0.3		17.1	15.2		63	68		120	105
PS 0229XRN	0.2		15.8	15.3		59	61		120	109
Donaldo R2X	0.2		14.8	14		59	67		118	108
Yoko R2X	0.2			14.1			73			109
PRO 2535R2	0.3			16.2			81			108
SI 0320XTN	0.3			14.5			67			107
S04-D3	0.4	16.3	15.2	14.3	66	63	71	124	118	109
DKB03-25	0.3			14.9			78			106
Enzo E3	0.3			11.7			64			103
Salto R2	0.4	15.5	14.6	13.6	64	62	68	129	122	102
S04-J6X	0.4			13.7			64			105
Stingray R2X	0.4			13.5			62			104
Woden R2X	0.5	15.3	14.8	13.5	71	70	76	127	122	103
P05A35X	0.5			16.8			58			108
PS 0420XRN	0.4			15.4			63			107
Nano R2X	0.5			15.2			73			111
PS 0555XRN	0.5	14.7	13.7	12.9	64	62	70	126	122	109
PS 0416R2	0.4	14.7	14.2	13.6	63	62	69	130	126	107
S05-N5X	0.5		15.5	14.8		56	62		129	106
P07A18X	0.6			15.8			68			109
PRO 2625R2	0.7	17	16.2	15.8	68	65	71	131	125	104
S07-K5X	0.7		16.6	16		62	66		129	110
Vertigo R2	0.7	15.6	15	14.8	65	63	68	135	132	105

* Days To Maturity based on days to 95% Pod brown

**Note some varieties tested one year may have only maturity ratings from 2 sites in 2020 due to an early frost at some sites

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 5: Yield Data Roundup Ready Soybean Trials Relative Maturity 0.7-1.2 (~2725-2850 HU)

Variety	Distributor	Relative Maturity	HU Req	3 Year		2 Year		2020*	
				%	(kg/ha)	%	(kg/ha)	%	(kg/ha)
B088Y1	Brevant	0.8	2700	103%	3883	105%	3772	103%	3174
B091FE	Brevant	0.9	2725					92%	2857
DKB07-39	DEKALB	0.7	2725					94%	2914
Altitude R2	SeCan	0.9	2725			110%	3947	103%	3176
P09A62X	Pioneer	0.9	2750	101%	3796	101%	3608	95%	2946
DKB08-98	DEKALB	0.8	2750					98%	3027
PS 0779XRN	PRIDE Seeds	0.7	2750			99%	3535	98%	3020
Miko R2	Prograin	0.8	2750	99%	3717	98%	3515	111%	3436
Enyo E3	Prograin	0.9	2750					101%	3110
Costo R2X	Prograin	1	2775					103%	3168
Beliveau R2X	SeCan	0.9	2775					105%	3238
Katonda R2	ELITE	1.0	2775			96%	3442	105%	3238
RX Response	ELITE	1.0	2775			101%	3631	94%	2916
Maxo R2	Prograin	1.1	2800	97%	3648	95%	3385	94%	2892
Neo R2X	Prograin	1.2	2825					108%	3327
Maris R2X	ELITE	1.2	2825			95%	3396	102%	3155
Echo E3	Prograin	1.1	2850					95%	2923
Means (kg/ha)					3761		3581		3089
Station Years					7-9		4-5		2

***2020 Sites - Canning, NS & Harrington, PEI (Berwick, NS yield data not included due to high variability)**

2020 MARITIME ROUNDUP READY SOYBEAN VARIETY TRIALS

Table 6: 2018-2020 Agronomic Data Roundup Ready Soybean Trials Relative Maturity 0.7-1.2 (~2725-2850 HU)

Variety	Relative Maturity	100 Seed Wt. (g)			Plant Height (cm)			Maturity – DTM*		
		3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean	3 yr Mean	2 yr Mean	2020 Mean**
B088Y1	0.8	17.8	17.2	16.5	69	68	73	130	130	110
B091FE	0.9			15.2			60			116
DKB07-39	0.7			13.9			69			108
Altitude R2	0.9		16.1	14.4		63	64		122	104
P09A62X	0.9	17	15.9	15.7	60	59	59	130	129	107
DKB08-98	0.8			14.9			69			110
PS 0779XRN	0.7		13.9	12.9		62	68		125	107
Miko R2	0.8	17.1	16.3	15.1	67	66	76	133	131	109
Enyo E3	0.9			13.8			64			109
Costo R2X	1			14.7			68			110
Beliveau R2X	0.9			14.4			62			114
Katonda R2	1.0		15.4	15.1		64	68		131	114
RX Response	1.0		17.2	16.9		62	65		130	109
Maxo R2	1.1	16.5	15.7	15	63	62	65	130	129	111
Neo R2X	1.2			14.2			70			109
Maris R2X	1.2			13.5			65			111
Echo E3	1.1			14.7			65			119

** Days To Maturity based on days to 95% Pod brown*

***Note maturity ratings from 2 sites only in 2020 due to an early frost at some sites*

These trials were seeded at a rate of 55 seeds/m² in small plots (6-7m²). The Maritime Soybean Variety Trials are coordinated through the Atlantic Grains Council by Atlantic Agritech Inc. with trial sites conducted by NB Dept. of Agriculture, Aquaculture & Fisheries, AAFC Charlottetown Research and Development Centre, PEI and Dalhousie University, Faculty of Agriculture, Truro NS.

For further information contact Doug MacDonald email: doug@atlanticagritech.com

RR Seed Sales Reps for Nova Scotia

DEKALB Seeds: Truro Agromart, NS Reps Ph: 902-895-2857

Alana Bent	1-902-824-1969
Alyson Bremner	1-902-890-5451
Donnie MacGregor	1-902-893-6439
Megan McCully	1-902-957-0794
Nick Juurlink	1-902-805-9300
Tim Fisher	1-902-890-4114

Brevant Seeds: Cavendish Agri-Services - Truro, NS Jeff MacDougall Ph: 902-890-2243

- Kentville, NS Shelly MacInnis Ph: 902-670-0060

Pioneer: Kevin & Sonia Baker, Annapolis Valley, NS Sonia Ph: 902-670-0807

Kevin Ph: 902-670-7885

Amanda & Mike Eisses, Central/Eastern NS Ph: 902-986-3331 or 986-1978 or 902-957-9957 (Lindsay Behrens)

ELITE: Klay Ansems, Territory Manager Maizex/ELITE Seeds, Atlantic Canada
Ph: (Cell) (902) 680-6995

PRIDE Seeds: Cavendish Agri-Services, Truro; Taylor Blair Ph: 902-956-1523

Kentville; Shelly MacInnis Ph: 902-670-0060

Sarah Morse Ph: 902-599-1154

Melanie Wood Ph: 902-670-4280

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

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

Sevita International: Atlantic Soy Corp, Curtis Penny Ph: 902-213-2522

SeCan: Phil Bailey, Eastern Territory Manager; Ph: 1-800-764-5487 ext. 247

Syngenta NK: Western NS: Scotian Gold -David Sheffield Ph: 902-680-5077 (cell)

Ryan Knowles Ph: 902-306-0278 (cell)

Jessica Dentremont Ph: 902-670-1619 (cell)

Northern NS: McCain Fertilizer, John Delodder Ph: 902-969-7009

RR Soybean Seed Sales Reps for New Brunswick

DEKALB Seeds: Hartland Agromart, NB Reps Ph: 506-375-4538

Andy Brennan 1-506-392-7909

Brennan McCarthy 1-506-325-8084

Cedric MacLeod 1-506-260-0872

Jerry Brewer 1-506-392-7464

Brevant Seeds: Cavendish Agri-Services – Salisbury, NB Cora Hornbrook Ph: 506-378-4605

Pioneer: James Love Ph: 506-444-1802

ELITE: Klay Ansems, Territory Manager Maizex/ELITE Seeds, Atlantic Canada

Ph: (Cell) (902) 680-6995

PRIDE Seeds: Cavendish Agri-Services, Salisbury ; Kent Curtis Ph: (506)381-0673

Cora Hornbrook Ph: (506) 378-4605

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

Sevita International: Atlantic Soy Corp, Curtis Penny Ph: 902-213-2522

SeCan: Phil Bailey, Eastern Territory Manager; Ph: 1-800-764-5487 ext. 247

Syngenta NK : McCain Fertilizers, Florenceville, NB; Bradley Briggs Ph: 506-392-2810

Steven Hunter, Florenceville NB Rep, 506-392-7144

Sterling Springer, Woodstock NB Rep, 506-245-0188

RR Soybean Seed Sales Reps for PEI

DEKALB Seeds: PEI Agromart Ph: 902-436-1600

Kevin Curry Ph: 902-213-1870

Colin McNevin Ph: 902-940-5036

Ella Wood Ph: 902-303-1369

Shawn Kerry Ph: 902-393-8037

Doug Dawson Ph: 902-888-5723

Maryella Maynard Ph: 902-213-5175

Brevant Seeds: Cavendish Agri-Services – Charlottetown, PEI

Brent Campbell Ph: 902-388-1423

Pioneer: PEI East Andrew VanWiechen Ph: 902-213-3985

PEI Central & West Ryan Hamill Ph: 902-439-0696

ELITE: Klay Ansems, Territory Manager Maizex/ELITE Seeds, Atlantic Canada

Ph: (Cell) (902) 680-6995

PRIDE Seeds: Cavendish Agri-Services, Charlottetown; Bernadette Forrester Ph: 902-628-5175

Rebecca McSwain Ph: 902-393-9515

Cavendish Agri Services, O'Leary ; Scott McCarthy Ph: 902-214-0847

Megan Demone Ph: 902-859-2200

Cavendish Agri Services, Summerside; Isaac Peill Ph: 902-436-4884

Eileen Beaton Ph: 902-598-8658

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

Sevita International: Atlantic Soy Corp, Curtis Penny Ph: 902-213-2522

SeCan: Phil Bailey, Eastern Territory Manager; Ph: 1-800-764-5487 ext. 247

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

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

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

Garret Harkness, Middleton PEI Rep Ph: 902-439-7919 (cell)

Doug Ramsay Ph: 902-853-5342 (cell)