

## 2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 1: Yield Data Roundup Ready Soybean Trials 2200-2500 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)
NOTUS R2	ELITE	2100					76%	2373	78%	2345
AKRAS R2	ELITE	2250			96%	3164	98%	3052	99%	2975
NSC LIBAU RR2Y	North Star Genetics	2250	95%	3260	96%	3169	102%	3179	100%	2995
S0009-M2	Syngenta NK Brand	2275					83%	2600	86%	2578
23-60RY	DEKALB	2350	90%	3099	90%	2947			88%	2621
S007-Y4	Syngenta	2350			97%	3206	94%	2945	95%	2831
NSC AUSTIN RR2Y	North Star Genetics	2375							94%	2823
S00-N6	Syngenta NK Brand	2400					97%	3040	94%	2825
24-12RY	DEKALB	2425					86%	2689	86%	2563
24-10RY	DEKALB	2425	93%	3203	97%	3199			98%	2928
PS 0055 R2	PRIDE Seeds	2425					98%	3067	98%	2923
<b>S006-W5</b>	Syngenta NK Brand	2425					99%	3081	97%	2892
Kendo R2	Prograin	2450					102%	3193	99%	2967
HS 006RYS24	DOW Seeds	2450			91%	3002	92%	2869	94%	2813
PRO 2525R2	PROSeeds	2450	101%	3453	101%	3309	104%	3236	103%	3088
NSC ARNAUD RR2Y	North Star Genetics	2475							110%	3292
PS 0074 R2	PRIDE Seeds	2475	107%	3672	109%	3578	113%	3523	112%	3360
P008T70R	Dupont Pioneer	2475							100%	2988
HS 007RY32	DOW Seeds	2475	97%	3311	98%	3238	100%	3118	103%	3073
S009-J1	Syngenta NK Brand	2475							105%	3142
25-11RY	DEKALB	2500					119%	3731	119%	3546
NSC JADEN R2	ELITE	2500	101%	3473	106%	3472	108%	3375	110%	3293
NSC OSBORNE RR2Y	North Star Genetics	2500	107%	3677	109%	3580	113%	3516	112%	3341
Astro R2	Prograin	2500	101%	3470	102%	3347	105%	3272	106%	3159
LS008R21	PROSeeds	2575	106%	3640	108%	3545	112%	3507	114%	3406
Means (kg/ha)				<b>3426</b>		<b>3289</b>		<b>3125</b>		<b>2991</b>
Station years				<b>16-17</b>		<b>12</b>		<b>5-9</b>		<b>4</b>

*\* Some entries (highlighted) tested at one site only(Truro, NS) in 2015 due to excess entries*

These trials were seeded at a rate of 55 seeds/m<sup>2</sup> in small plots (6-7m<sup>2</sup>). 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 Roundup Ready Soybean Trials 2200-2500 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 %
NOTUS R2	20.3	49	8	1.1	115	39.7	17.8
AKRAS R2	18.7	54	11	1.1	115	38.2	17.9
NSC LIBAU RR2Y	18.1	59	9	1.2	115	40.3	18.0
S0009-M2	15.9	53	9	1.1	112	38.2	18.5
23-60RY	17.7	64	8	1.2	112	38.2	18.0
S007-Y4	17.4	56	9	1.0	114	38.2	18.6
NSC AUSTIN RR2Y	18.4	53	7	1.0	118	39.8	17.9
S00-N6	17.7	66	8	1.3	120	39.1	17.9
24-12RY	17.7	59	7	1.4	120	40.7	17.7
24-10RY	18.7	54	8	1.1	116	38.3	17.2
PS 0055 R2	15.1	60	8	1.3	121	37.5	18.3
S006-W5	15.8	56	7	1.2	120	41.6	18.2
Kendo R2	19.8	64	8	1.1	123	41.6	17.9
HS 006RYS24	18.3	62	8	1.1	117	39.5	17.6
PRO 2525R2	19.9	64	9	1.1	120	39.2	18.3
NSC ARNAUD RR2Y	18.1	71	8	1.6	123	40.5	17.7
PS 0074 R2	15.8	63	8	1.4	119	38.2	18.6
P008T70R	18.0	59	7	1.0	120	39.7	18.3
HS 007RY32	19.5	58	9	1.0	118	38.0	18.5
S009-J1	19.9	56	6	1.0	122	39.0	18.8
25-11RY	16.8	71	9	1.4	124	39.2	18.9
NSC JADEN R2	17.0	66	9	1.2	119	38.1	18.5
NSC OSBORNE RR2Y	19.5	67	10	1.3	119	39.5	17.8
Astro R2	17.5	65	9	1.2	121	38.7	17.8
LS008R21	18.1	64	10	1.2	120	38.4	18.3
Means	18.0	60.5	8.4	1.2	118.5	39.2	18.1
Station years	4-12	4-12	4-12	4-12	4-12	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 2016 NB & PEI sites at time of publication							

## 2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 3: Yield Data Roundup Ready Soybean Trials 2500-2700 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)
PODAGA R2	ELITE	2475					96%	3231	95%	2940
P01T23R	Dupont Pioneer	2525	98%	3352	95%	3289	93%	3109	91%	2823
COLT R2	ELITE	2575			95%	3281	95%	3181	95%	2944
<b>PRO 2535R2</b>	PROSeeds	2575	101%	3467	102%	3529	105%	3521	101%	3142
26-14RY	DEKALB	2600					101%	3410	106%	3285
Theo R2	Prograin	2600	100%	3438	97%	3359	100%	3349	102%	3186
<b>HYDRA R2</b>	ELITE	2550					101%	3395	104%	3237
HS 03RY33	DOW Seeds	2625			105%	3616	106%	3579	108%	3359
S04-D3	Syngenta NK Brand	2625			96%	3305	96%	3217	96%	2971
26-10RY	DEKALB	2650					98%	3291	98%	3057
5A040RR2	DOW Seeds	2650					98%	3310	103%	3200
PRO 2625R2	PROSeeds	2650	102%	3510	104%	3600	107%	3608	106%	3300
PS 0416 R2	PRIDE Seeds	2675			98%	3390	98%	3305	99%	3078
P06T28R	Dupont Pioneer	2650					102%	3423	100%	3122
<b>27-12RY</b>	DEKALB	2700			114%	3933	117%	3948	117%	3632
Nitro R2	Prograin	2700			97%	3368	98%	3299	97%	3030
Mundo R2	Prograin	2700	98%	3365	98%	3392	99%	3326	95%	2942
S06-C4	Syngenta NK Brand	2700					89%	2991	88%	2726
Means (kg/ha)				3426		3460		3361		3110
Station years*				15-16		11-12		5-9		4

*\* Some entries (highlighted) tested at one site only(Truro, NS) in 2015 due to excess entries*

These trials were seeded at a rate of 55 seeds/m<sup>2</sup> in small plots (6-7m<sup>2</sup>). 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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## 2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 4: 2014-16 Agronomic Data Roundup Ready Soybean Trials 2500-2700 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 %
PODAGA R2	18.8	64	9	1.2	118	38.1	19.0
P01T23R	18.0	54	8	1.0	119	37.5	18.5
HYDRA R2	18.2	67	10	1.1	122	37.4	19.7
COLT R2	16.0	64	9	1.3	124	37.7	18.7
PRO 2535R2	20.0	73	10	1.4	126	38.8	18.3
26-14RY	15.6	62	9	1.4	126	39.3	17.8
Theo R2	17.6	70	9	1.2	126	39.2	17.2
HS 03RY33	18.6	67	11	1.1	128	39	18.2
S04-D3	18.1	63	8	1.1	124	38.8	17.8
26-10RY	15.4	55	9	1.1	123	37.2	17.6
5A040RR2	17.2	66	9	1.2	131	39.2	18.0
PRO 2625R2	19.5	66	9	1.1	126	39.2	18.0
PS 0416 R2	16.2	61	9	1.2	126	40.2	18.4
P06T28R	18.1	65	9	1.1	130	39.6	18.1
27-12RY	18.5	66	12	1.2	128	40.6	17.9
Nitro R2	20.0	67	9	1.0	127	38.1	18.6
Mundo R2	18.8	62	9	1.0	128	40.1	17.3
S06-C4	17.8	57	7	1.0	130	40.8	16.8
Means	17.9	63.8	9.2	1.2	125.7	38.9*	18.1*
Station years	4-12	3-11	3-10	3-10	3-10	2-10	2-10
Two years data only (5-8 station years)							
Three years data (10-12 station years)							
* Protein & Oil not measured for 2016 NB & PEI sites at time of publication							

## 2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 5: Yield Data Roundup Ready Soybean Trials 2700-2850 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)
P08T96R	Dupont Pioneer	2725							109%	3557
PS 0650 R2	PRIDE Seeds	2750					93%	3093	92%	2999
S08-U4	Syngenta NK Brand	2750					98%	3278	91%	2981
NSC PAGASIS RR2Y	North Star Genetics- Semican	2750					102%	3626	99%	3257
NSC GARNET RR2Y	North Star Genetics- Semican	2750					103%	3643	99%	3256
P09T74R2	Dupont Pioneer	2750					101%	3578	102%	3333
90Y90	Dupont Pioneer	2750			95%	3402	94%	3347	88%	2867
5A075RR2	DOW Seeds	2750					114%	4054	114%	3724
HS 08RY51	DOW Seeds	2750					96%	3398	96%	3143
KATONDA R2	ELITE	2775					101%	3585	103%	3386
Miko R2	Prograin	2775					106%	3759	108%	3536
91Y01	Dupont Pioneer	2775			106%	3800	108%	3825	107%	3505
P10T48R	Dupont Pioneer	2775							103%	3359
HS 09RYS12	DOW Seeds	2775	98%	3377	98%	3505	97%	3452	96%	3148
Maxo R2	Prograin	2800	102%	3485	101%	3593	104%	3684	103%	3386
S10-S1	Syngenta NK Brand	2800							93%	3054
S11-N4	Syngenta NK Brand	2825					103%	3428	95%	3126
DS124U1	DOW Seeds	2850							101%	3310
Means (kg/ha)				3431		3575		3554		3274
Station years*				12-15		8-12		5-9		4

*\* Some entries (highlighted) tested at one site only(Truro, NS) in 2015 due to excess entries*

These trials were seeded at a rate of 55 seeds/m<sup>2</sup> in small plots (6-7m<sup>2</sup>). 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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## 2016 MARITIME SOYBEAN VARIETY TRIALS

**Table 6: 2014-16 Agronomic Data Roundup Ready Soybean Trials 2700-2850 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 %
P08T96R	19.3	63	8	1.1	134	38.7	18.3
PS 0650 R2	19.7	55	9	1.0	124	38.5	18.0
S08-U4	17.6	67	8	1.2	132	43.0	17.3
NSC PAGASIS RR2Y	17.8	73	12	1.1	131	41.0	16.6
NSC GARNET RR2Y	17.6	70	11	1.1	133	41.5	16.8
P09T74R2	17.1	68	10	1.0	135	40.5	17.7
90Y90	18.1	64	10	1.0	129	38.9	17.4
5A075RR2	19.7	68	10	1.0	134	38.4	18.7
HS 08RY51	18.2	59	8	1.1	135	39.4	17.1
KATONDA R2	18.0	67	9	1.3	134	41.9	17.2
Miko R2	18.1	69	10	1.4	132	40.5	17.3
91Y01	18.4	68	10	1.2	130	37.4	18.2
P10T48R	17.8	63	10	1.2	136	39.4	17.2
HS 09RYS12	17.0	64	9	1.1	130	38.7	18.0
Maxo R2	17.4	68	12	1.0	129	38.7	17.1
S10-S1	18.3	60	8	1.1	134	40.3	17.8
S11-N4	17.2	69	10	1.1	134	40	17.0
DS124U1	17.7	69	10	1.2	136	41.2	17.2
Means	18.1	65.8	9.7	1.1	132.3	39.9	17.5
Station years	4-12	3-11	3-10	3-10	3-10	2-10	2-10
One year data only (3-4 station years)			Two years data only (5-8 station years)				
Three years data (10-12 station years)							
<i>* Protein &amp; Oil not measured for 2016 NB &amp; PEI sites at time of publication</i>							

## RR Seed Sales Reps for Nova Scotia

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