

**2015  
MARITIME  
REGISTRATION  
AND  
RECOMMENDATION  
CEREAL VARIETY TRIALS**

~~Spring & Winter Wheat, Oats and 2 & 6 row Barley~~

Supported by Atlantic Grains Council - Atlantic Crop  
Development Committee



AAC Scotia PBR plots - Ottawa

NOT FOR PUBLICATION

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2015 PLOT DATA

<u>COOPERATOR</u>	<u>LOCATION</u>	<u>CODE NAMES</u>	<u>DATE SEEDED</u>	<u>ROWS HARVESTED #</u>	<u>ROW SPACING CM.</u>	<u>ROW LENGTH M.</u>	<u>AREA HARVESTED SQ. M.</u>	<u>REPS HARVESTED NO.</u>
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MARITIME SPRING WHEAT REGISTRATION - RECOMMENDATION TEST

CROPS & LIVESTOCK RESEARCH CENTRE	HARRINGTON	HARR	20-May	4	17.78	3.05	3.254	4
N.B. DEPT. AGRICULTURE & AQUACULTURE	HARTLAND	HART	21-May	6	15.25	7.00	7.000	3
NOVA SCOTIA AGRICULTURAL COLLEGE	CANNING	CANN	06-May	8	15.25	3.00	3.750	3
NOVA SCOTIA AGRICULTURAL COLLEGE	TRURO	TRUR	09-May	8	15.25	3.00	3.750	3
CÉRÉLA INC	SAINT ROSALIE	STRO	04-May	5	17.78	5.00	4.500	3
EASTERN CEREALS & OILSEEDS RES. CENTRE	OTTAWA	OTTA	04-May	6	21.60	4.20	6.300	4

MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST

CROPS & LIVESTOCK RESEARCH CENTRE	HARRINGTON	HARR	25-Sep	4	17.78	3.05	3.254	4
N.B. DEPT. AGRICULTURE & AQUACULTURE	HARTLAND	HART	26-Sep	8	15.25	10.00	12.500	3
NOVA SCOTIA AGRICULTURAL COLLEGE	CANNING	CANN	30-Sep	8	15.25	3.00	3.750	3
NOVA SCOTIA AGRICULTURAL COLLEGE	TRURO	TRUR	25-Sep	8	15.25	3.00	3.750	3
EASTERN CEREALS & OILSEEDS RES. CENTRE	OTTAWA	OTTA	01-Oct	6	20.00	4.00	4.800	4

MARITIME OAT REGISTRATION - RECOMMENDATION TEST

CROPS & LIVESTOCK RESEARCH CENTRE	HARRINGTON	HARR	19-May	4	17.78	3.05	3.254	4
N.B. DEPT. AGRICULTURE & AQUACULTURE	HARTLAND	HART	21-May	6	15.25	7.00	7.000	3
NOVA SCOTIA AGRICULTURAL COLLEGE	TRURO	TRUR	09-May	8	15.25	3.00	3.750	3

MARITIME 2-ROW & 6-ROW BARLEY REGISTRATION - RECOMMENDATION TEST

CROPS & LIVESTOCK RESEARCH CENTRE	HARRINGTON	HARR	21-May	5	15.60	4.00	3.920	4
N.B. DEPT. AGRICULTURE & AQUACULTURE	HARTLAND	HART	21-May	6	15.25	7.00	7.000	3
NOVA SCOTIA AGRICULTURAL COLLEGE	CANNING	CANN	06-May	8	15.25	3.00	3.750	3
NOVA SCOTIA AGRICULTURAL COLLEGE	TRURO	TRUR	08-May	8	15.25	3.00	3.750	3

## 2015 MARITIME OAT REGISTRATION-RECOMMENDATION TEST

	<u>CULTIVAR</u>	<u>CODE</u>	<u>TEST IN</u> <u>2014</u>	<u>ORIGIN</u>
<b><u>CHECKS</u></b>				
1	AC DIETER	OA1063-8	MORRT	SECAN
2	AC RIGODON		MORRT	AAFC - CHAR
3	CANMORE		MORRT	SEMICAN
4	CANTAL		MORRT	SEMICAN
5	CDC ORRIN		MORRT	SEMICAN
6	NAVARO*		MORRT	SEMICAN
7	NOVA		MORRT	AAFC - CHAR
<b><u>SIXTH YEAR CULTIVARS</u></b>				
8	AVATAR	SO04278	MORRT	PEDIGRAIN
<b><u>FIFTH YEAR CULTIVARS</u></b>				
9	OPTIMUM	OA1228-1	MORRT	EASTERN GRAINS INC.
10	VITALITY	SA03257	MORRT	PEDIGRAIN
<b><u>FOURTH YEAR CULTIVARS</u></b>				
11	AKINA	CFA1112	MORRT	COOP FÉDÉRÉE
12	BOLINA	CFA1317/SA060123	MORRT	COOP FÉDÉRÉE
13	KARA	CFA1102	MORRT	COOP FÉDÉRÉE
<b><u>THIRD YEAR CULTIVARS</u></b>				
14	CFA 1207		MORRT	COOP FÉDÉRÉE
15	RILEY		MORRT	C & M SEEDS
<b><u>SECOND YEAR CULTIVARS</u></b>				
16	PGR-N10-31		MORRT	CERELA
<b><u>FIRST YEAR CULTIVARS</u></b>				
17	AAC NICOLAS	OA1331-5		SECAN
18	AAC OAKLIN	OA1285-1		C & M SEEDS
19	AAC RICHMOND	OA1306-1		SEMICAN
20	CFA 1405*			COOP FÉDÉRÉE
21	OA1347-2			SECAN
22	OA1388-1			AAFC - ECORC
23	PGR-N09-81			CERELA
24	SHADOW*			SECAN

### 24 CULTIVARS

\* = Hulless Oats

TABLE 28. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - FOUR YEAR SUMMARY - 2012 - 2015

Cultivar	Status	Site	Yrs	Rank	Yield	Test weight	1000 kwt	Height	Lodg.	Head.	Matur	Hull	Leaf	Leaf	rust	DON	Yield
AC DIETER	c	12	11	4.31	46.5	36.7	110	3.3	65	100	26.2	4.3	2.2	1.0	2.2		
AC RIGODON	c	12	7	4.42	46.6	35.5	112	3.8	64	100	28.2	3.8	3.0	1.2	2.6		
AVATAR	c	12	10	4.39	47.3	31.9	102	5.2	64	100	23.3	4.6	1.0	0.9	1.4		
CANMORE	c	12	5	4.62	47.7	36.2	113	4.2	65	100	28.9	3.7	4.7	1.0	2.3		
CANTAL	c	12	12	4.06	49.0	36.1	120	5.0	64	100	26.3	3.8	2.7	1.1	2.5		
CDC ORRIN	c	12	4	4.71	47.0	36.1	108	3.5	65	100	29.6	4.3	1.7	1.0	2.0		
NAVARO*	c	12	13	3.23	59.3	29.1	95	1.4	66	100	6.0	3.4	0.3	1.0	2.4		
NOVA	c	12	8	4.40	48.9	32.0	110	5.2	63	100	27.6	3.4	2.0	1.0	1.9		
OPTIMUM	c	12	6	4.46	46.3	29.7	97	2.8	67	100	25.9	3.8	1.0	0.9	2.1		
VITALITY	c	12	9	4.39	44.8	36.9	109	4.5	64	100	24.0	4.4	1.2	1.0	2.0		
AKINA	4	12	1	4.98	44.4	35.0	96	2.6	64	99	27.5	3.7	0.8	1.0	2.1		
BOLINA	4	12	3	4.80	48.0	31.3	95	3.3	64	100	27.1	4.8	1.2	1.0	2.0		
KARA	4	12	2	4.84	46.9	34.8	95	2.0	64	100	28.5	3.6	0.2	0.9	1.8		
Grand mean				4.43	47.9	34.0	105	3.6	64	100	25.3	4.0	1.7	1.0	2.1		
SEM				0.10	0.40	0.63	1.13	0.39	0.24	0.32	0.42	0.36	1.01	0.05	*		
LSD				0.29	1.19	1.88	3.40	1.17	0.72	0.97	1.24	1.09	3.03	0.16	*		
Site Years				12	12	12	12	11	11	4	12	4	2	10	1		

\* = Hulless oats

TABLE 29. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - FOUR YEAR YIELD SUMMARY - 2012 - 2015

Cultivar	yield (t/ha)									
	by Station					by Rankings				
	Harr	Hart	Truro	Test	Harr	Hart	Truro	Test		
<u>Checks</u>										
AC DIETER	3.58	3.40	5.95	4.31	10	11	9	11		
AC RIGODON	3.78	3.61	5.81	4.40	6	10	10	9		
AVATAR	3.85	3.64	5.59	4.36	5	9	11	10		
CANMORE	3.86	3.87	6.11	4.62	4	5	5	5		
CANTAL	3.53	3.35	5.22	4.03	11	12	12	12		
CDC ORRIN	3.78	4.07	6.34	4.73	7	2	4	4		
NAVARO*	2.54	2.65	4.48	3.22	13	13	13	13		
NOVA	3.59	3.67	5.95	4.40	9	8	8	8		
OPTIMUM	3.64	3.77	5.97	4.46	8	6	7	6		
VITALITY	3.43	3.76	6.03	4.41	12	7	6	7		
<u>Fourth Year Cultivars</u>										
AKINA	3.97	4.34	6.70	5.00	1	1	1	1		
BOLINA	3.88	4.00	6.55	4.81	3	3	3	3		
KARA	3.97	3.96	6.63	4.85	2	4	2	2		
Mean	3.65	3.70	5.95	4.43						
Site Years	4	4	4	12						

\* = Hulless oats

TABLE 30. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - THREE YEAR SUMMARY - 2013 - 2015

Cultivar	Status	Site	Yrs (yld)	Rank	Yield (t/ha)	Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Lodg. (0-9)	Head. (days)	Matur (days)	Hull (%)	Leaf sept. (0-9)	Leaf rust (0-9)	DON (ppm)	Straw Yield (kg/plot)
AC DIETER	c	9	13	4.13	45.9	36.7	112	3.1	65	106	26.4	5.1	2.2	1.0	2.2	
AC RIGODON	c	9	10	4.29	45.8	35.3	115	3.6	64	108	28.7	4.4	3.0	1.1	2.6	
AVATAR	c	9	12	4.24	47.0	32.0	104	5.2	64	106	23.7	5.1	1.0	0.9	1.4	
CANMORE	c	9	6	4.46	46.9	36.4	115	4.0	64	105	29.5	4.3	4.7	0.9	2.3	
CANTAL	c	9	14	3.87	48.5	36.1	121	4.5	64	106	26.6	4.4	2.7	1.0	2.5	
CDC ORRIN	c	9	5	4.57	46.2	35.8	111	3.2	65	107	30.3	4.8	1.7	0.9	2.0	
NAVARO*	c	9	15	3.14	59.2	28.9	96	1.4	66	106	6.2	3.9	0.3	0.9	2.4	
NOVA	c	9	8	4.33	48.3	31.7	112	5.1	63	106	28.1	3.8	2.0	0.9	1.9	
OPTIMUM	c	9	11	4.29	45.8	29.9	99	2.8	66	107	26.2	4.3	1.0	0.9	2.1	
VITALITY	c	9	7	4.38	44.1	36.7	111	3.9	63	106	24.5	5.2	1.2	0.9	2.0	
AKINA	4	9	1	4.94	43.6	35.0	97	2.8	63	105	27.4	4.4	0.8	0.9	2.1	
BOLINA	4	9	3	4.68	47.4	31.1	97	3.3	64	107	27.2	5.2	1.2	0.9	2.0	
KARA	4	9	4	4.65	46.3	34.1	97	2.1	64	106	28.9	4.3	0.2	0.9	1.8	
CFA1207	3	9	2	4.81	44.1	33.5	101	3.1	65	108	29.5	4.4	1.8	0.9	2.4	
RILEY	3	9	9	4.30	47.5	33.9	111	4.5	63	106	23.6	4.4	0.5	0.8	1.6	
Grand mean				4.34	47.1	33.8	106	3.5	64	106	25.8	4.6	1.6	0.9	2.1	
SEM				0.12	0.47	0.72	1.35	0.43	0.24	0.40	0.54	0.50	1.02	0.06	*	
LSD				0.35	1.42	2.15	4.05	1.28	0.72	1.20	1.62	1.49	3.04	0.19	*	
Site Years				9	9	9	9	8	8	2	9	3	2	7	1	

\* = Hullless oats



**TABLE 31. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - THREE YEAR YIELD SUMMARY - 2013 - 2015**

Cultivar	yield (t/ha)									
	by Station					by Rankings				
	Harr	Hart	Truro	Test	Harr	Hart	Truro	Test		
<u>Checks</u>										
AC DIETER	3.40	3.30	5.68	4.13	13	13	12	13	13	
AC RIGODON	3.68	3.38	5.75	4.27	6	12	11	11	11	
AVATAR	3.75	3.48	5.39	4.21	3	11	13	12	12	
CANMORE	3.64	3.81	5.95	4.46	8	6	7	6	6	
CANTAL	3.37	3.15	4.99	3.84	14	14	14	14	14	
CDC ORRIN	3.67	4.00	6.07	4.58	7	2	5	5	5	
NAVARO*	2.52	2.65	4.19	3.12	15	15	15	15	15	
NOVA	3.52	3.60	5.87	4.33	9	10	9	8	8	
OPTIMUM	3.44	3.67	5.77	4.29	11	7	10	10	10	
VITALITY	3.51	3.67	5.97	4.39	10	8	6	7	7	
<u>Fourth Year Cultivars</u>										
AKINA	3.85	4.38	6.69	4.97	1	1	2	1	1	
BOLINA	3.69	3.86	6.55	4.70	5	5	3	3	3	
KARA	3.74	3.87	6.36	4.66	4	4	4	4	4	
<u>Third Year Cultivars</u>										
CFA1207	3.80	3.99	6.72	4.84	2	3	1	2	2	
RILEY	3.41	3.63	5.90	4.31	12	9	8	9	9	
Mean	3.53	3.63	5.86	4.34						
Site Years	3	3	3	9						

\* = Hullless oats

TABLE 32. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - TWO YEAR SUMMARY - 2014 - 2015

Cultivar	Status	Site	Yrs	Rank	Yield	Test weight	1000 kwt	Height	Lodg.	Head.	Matur	Hull	Leaf sept.	Leaf rust	DON	Straw
ACDIETER	c	6	10	4.20	46.8	36.6	108	2.8	63	98	26.0	5.5	2.3	1.0	2.2	
ACRIGODON	c	6	8	4.28	46.7	36.2	112	2.8	64	100	28.2	4.2	0.0	1.1	2.6	
AVATAR	c	6	13	4.18	47.0	32.1	101	5.4	63	98	23.9	6.0	0.0	0.8	1.4	
CANMORE	c	6	7	4.45	47.2	37.4	112	4.1	63	98	28.9	4.5	2.3	0.9	2.3	
CANTAL	c	6	15	3.87	48.9	37.1	119	4.0	63	98	26.6	4.3	1.3	1.1	2.5	
CDC ORRIN	c	6	4	4.57	46.6	36.5	108	2.8	63	99	29.3	5.2	0.3	1.0	2.0	
NAVARO*	c	6	16	3.09	59.2	29.0	95	0.3	65	98	5.9	3.7	0.7	1.0	2.4	
NOVA	c	6	11	4.19	48.7	31.6	110	5.5	62	99	28.3	3.7	0.0	0.9	1.9	
OPTIMUM	c	6	12	4.19	45.9	30.4	96	2.1	65	100	26.7	4.8	0.0	0.8	2.1	
VITALITY	c	6	9	4.21	43.7	37.3	107	3.9	62	99	24.6	5.7	0.3	0.8	2.0	
AKINA	4	6	1	5.04	43.4	35.1	93	1.9	62	98	27.7	4.8	0.7	0.8	2.1	
BOLINA	4	6	5	4.56	47.7	31.6	96	2.6	63	99	27.6	5.5	0.3	0.9	2.0	
KARA	4	6	3	4.71	46.4	33.4	93	1.8	63	99	28.4	4.3	0.3	0.8	1.8	
CFA1207	3	6	2	4.78	43.9	33.7	99	2.9	64	100	28.4	4.5	0.7	0.8	2.4	
RILEY	3	6	14	4.14	47.5	33.8	109	4.3	62	99	24.0	5.5	1.0	0.8	1.6	
PGR-N10-31	2	6	6	4.53	45.2	35.5	105	4.8	63	99	25.2	6.3	0.7	0.9	1.7	
Grand mean				4.31	47.2	34.2	104	3.3	63	99	25.6	4.9	0.7	0.9	2.1	
SEM				0.14	0.39	0.86	1.67	0.55	0.26	*	0.44	0.54	*	0.06	*	
LSD				0.42	1.17	2.58	5.00	1.66	0.77	*	1.31	1.62	*	0.19	*	
Site Years				6	6	6	6	5	5	1	6	2	1	4	1	

\* = Hulless oats

TABLE 33. MARITIME OAT REGISTRATION - RECOMMENDATION TEST - TWO YEAR YIELD SUMMARY - 2014 - 2015

Cultivar	yield (t/ha)								
	by Station		by Rankings						
	Harr	Hart	Truro	Test	Harr	Hart	Truro	Test	
AC DIETER	3.39	3.63	5.57	4.20	11	13	9	10	
AC RIGODON	3.55	3.70	5.56	4.27	6	11	10	8	
AVATAR	3.62	3.90	4.91	4.14	4	8	14	14	
CANMORE	3.50	4.02	5.87	4.46	8	6	7	7	
CANTAL	3.31	3.36	4.84	3.84	14	15	15	15	
CDC ORRIN	3.61	4.15	5.97	4.58	5	5	5	5	
NAVARO*	2.47	2.78	3.94	3.06	16	16	16	16	
NOVA	3.40	3.66	5.49	4.18	10	12	11	11	
OPTIMUM	3.36	3.79	5.40	4.18	13	9	13	12	
VITALITY	3.38	3.54	5.70	4.21	12	14	8	9	
<u>Fourth Year Cultivars</u>									
AKINA	3.81	4.61	6.81	5.08	1	1	1	1	
BOLINA	3.43	4.21	6.14	4.59	9	4	4	4	
KARA	3.74	3.92	6.49	4.72	2	7	2	3	
<u>Third Year Cultivars</u>									
CFA1207	3.69	4.24	6.48	4.80	3	2	3	2	
RILEY	3.22	3.72	5.48	4.14	15	10	12	13	
<u>Second Year Cultivars</u>									
PGR-N10-31	3.54	4.24	5.87	4.55	7	3	6	6	
Mean	3.44	3.84	5.66	4.31					
Site Years	2	2	2	6					

\* = Hullless oats

TABLE 34. 2015 MARITIME OAT REGISTRATION - RECOMMENDATION TEST - SUMMARY

Cultivar	Status	Site Yrs (yld)	Rank (yld)	Yield (t/ha)	Test weight (kg/hl)	1000 kwt (gm)	Height (cm)	Lodg. (0-9)	Head. (days)	Hull (%)	Leaf sept. (0-9)	DON ppm	Straw Yield (kg/plot)
AC DIETER	C	3	16	4.14	47.3	35.8	116	5.8	64	26.2	6.0	1.2	2.2
AC RIGODON	C	3	14	4.28	47.2	37.0	121	5.6	65	27.9	4.7	1.4	2.6
AVATAR	C	3	20	3.92	47.6	33.0	110	7.5	64	23.8	6.3	1.2	1.4
CANMORE	C	3	10	4.39	47.0	39.2	120	5.3	64	29.1	3.3	1.2	2.3
CANTAL	C	3	21	3.63	49.0	37.2	130	6.8	63	27.1	4.3	1.6	2.5
CDC ORRIN	C	3	5	4.48	46.8	35.3	117	5.6	64	29.7	5.7	1.3	2.0
NAVARO*	C	3	22	3.06	58.4	28.5	100	0.7	66	6.2	3.3	1.3	2.4
NOVA	C	3	15	4.24	49.2	33.1	120	6.5	63	28.1	4.0	1.2	1.9
OPTIMUM	C	3	7	4.43	46.4	30.3	100	4.9	66	26.8	5.7	1.1	2.1
VITALITY	C	3	17	4.10	43.9	38.0	118	5.9	63	25.4	5.7	1.2	2.0
AKINA	4	3	1	5.33	43.9	34.8	102	4.0	63	27.5	5.0	0.9	2.1
BOLINA	4	3	9	4.40	47.6	31.6	102	5.6	64	28.2	5.7	1.3	2.0
KARA	4	3	3	4.86	46.7	32.0	100	4.0	64	28.9	3.7	1.0	1.8
CFA1207	3	3	2	4.99	44.0	33.0	106	5.4	64	28.8	5.3	1.1	2.4
RILEY	3	3	18	3.96	47.7	33.9	118	7.1	63	24.4	6.0	1.1	1.6
PGR-N10-31	2	3	8	4.41	45.6	35.5	113	6.7	63	25.2	7.0	1.1	1.7
AAC NICOLAS	1	3	6	4.44	44.5	32.3	110	6.2	66	27.7	4.3	0.8	1.7
AAC OAKLIN	1	3	13	4.32	47.5	36.3	105	6.9	65	28.2	5.3	0.9	1.9
AAC RICHMOND	1	3	11	4.35	45.9	35.0	119	4.5	71	30.0	3.7	1.0	4.0
CFA 1405*	1	3	24	2.80	53.0	27.7	117	1.1	71	12.9	3.0	1.1	3.3
OA1347-2	1	3	4	4.54	43.0	35.6	113	4.6	65	30.8	5.3	1.2	2.3
OA1388-1	1	3	19	3.96	44.3	35.1	118	6.3	67	28.2	3.3	0.9	2.6
PGR-N09-81	1	3	12	4.33	43.6	31.8	109	2.2	67	24.9	6.0	0.8	2.8
SHADOW*	1	3	23	2.81	61.2	28.0	116	1.7	69	8.7	2.7	1.0	3.3
Grand mean				4.17	47.6	33.8	112	5.0	65	25.2	4.8	1.1	2.3
SEM				0.20	0.58	1.29	2.24	0.83	0.58	0.89	*	*	*
LSD				0.60	1.73	3.86	6.72	2.49	1.74	2.66	*	*	*
Site yrs				3	3	3	3	2	3	3	1	1	1

\* = Hulless oats

TABLE 35. 2015 MARITIME OAT REGISTRATION - RECOMMENDATION TEST - YIELD SUMMARY

Cultivar	Status	Yield (t/ha)												
		by Station					by Rankings							
		Harr	Hart	Trur	Test	Harr	Hart	Trur	Test					
AC DIETER	c	3.63	3.64	5.13	4.14	15	18	17	16					
AC RIGODON	c	3.84	3.79	5.18	4.28	7	16	16	14					
AVATAR	c	3.70	3.92	4.02	3.92	13	13	21	20					
CANMORE	c	3.83	4.01	5.34	4.39	8	10	11	10					
CANTAL	c	3.33	3.21	4.27	3.63	20	21	19	21					
CDC ORRIN	c	3.77	4.17	5.55	4.48	11	5	7	5					
NAVARO*	c	2.71	2.96	3.44	3.06	22	22	24	22					
NOVA	c	3.60	3.75	5.39	4.24	17	17	10	15					
OPTIMUM	c	3.82	3.90	5.59	4.43	9	14	6	7					
VITALITY	c	3.56	3.42	5.32	4.10	19	19	12	17					
AKINA	4	4.53	4.72	6.83	5.33	1	1	1	1					
BOLINA	4	3.57	4.19	5.53	4.40	18	3	9	9					
KARA	4	4.23	4.07	6.29	4.86	2	9	3	3					
CFA1207	3	4.16	4.46	6.44	4.99	3	2	2	2					
RILEY	3	3.27	4.11	4.53	3.96	21	8	18	18					
PGR-N10-31	2	3.87	4.14	5.21	4.41	6	6	15	8					
AAC NICOLAS	1	3.68	4.19	5.54	4.44	14	4	8	6					
AACOAKLIN	1	3.63	4.14	5.24	4.32	16	7	14	13					
AAC RICHMOND	1	3.96	3.79	5.24	4.35	4	15	13	11					
CFA 1405*	1	2.36	2.39	3.60	2.80	23	24	23	24					
OA1347-2	1	3.81	3.94	5.92	4.54	10	11	4	4					
OA1388-1	1	3.76	3.92	4.07	3.96	12	12	20	19					
PGR-N09-81	1	3.89	3.41	5.65	4.33	5	20	5	12					
SHADOW*	1	2.02	2.56	3.94	2.81	24	23	22	23					
Grand mean		3.60	3.78	5.14	4.17									
SEM		0.19	0.21	0.30	0.20									
LSD		0.58	0.64	0.90	0.60									
CV		10.42	9.06	9.61										
Reps		4	3	3										

\* = Hulless oats

TABLE 36. 2015 MARITIME OAT REGISTRATION - RECOMMENDATION TEST - HARRINGTON

Cultivar	Status	Oat Yield (t/ha)	Groat Yield (t/ha)	Oat Yield Rank	Groat Yield Rank	Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Lodg. (0-9)	Head. (days)	Hull (%)	DON (ppm)
AC DIETER	c	3.63	2.66	15	12	45.1	38.3	123	8.0	63	26.8	1.2
AC RIGODON	c	3.84	2.73	7	9	45.4	35.9	122	7.5	64	29.0	1.4
AVATAR	c	3.70	2.71	13	10	44.6	32.2	113	9.0	63	26.8	1.2
CANMORE	c	3.83	2.70	8	11	44.3	36.7	124	7.5	63	29.4	1.2
CANTAL	c	3.33	2.42	20	21	48.0	36.7	136	8.0	63	27.2	1.6
CDC ORRIN	c	3.77	2.64	11	13	43.8	35.6	120	8.2	63	30.1	1.3
NAVARO*	c	2.71	2.59	22	16	57.2	28.7	101	1.0	64	4.4	1.3
NOVA	c	3.60	2.53	17	19	46.7	32.4	126	8.0	62	29.6	1.2
OPTIMUM	c	3.82	2.77	9	6	42.6	28.4	100	6.8	66	27.4	1.1
VITALITY	c	3.56	2.60	19	15	40.4	37.2	119	8.8	62	27.1	1.2
AKINA	4	4.53	3.24	1	1	40.9	32.3	97	6.5	62	28.4	0.9
BOLINA	4	3.57	2.53	18	18	44.1	29.7	102	8.2	64	29.0	1.3
KARA	4	4.23	2.93	2	2	42.5	32.7	100	6.8	63	30.8	1.0
CFA1207	3	4.16	2.92	3	3	39.5	30.1	106	7.2	63	29.9	1.1
RILEY	3	3.27	2.40	21	22	44.5	33.7	117	8.8	62	26.7	1.1
PGR-N10-31	2	3.87	2.83	6	4	42.8	34.6	115	9.0	62	26.9	1.1
AAC NICOLAS	1	3.68	2.63	14	14	41.4	29.8	115	8.0	66	28.6	0.8
AAC OAKLIN	1	3.63	2.58	16	17	44.4	34.7	106	9.0	64	29.0	0.9
AAC RICHMOND	1	3.96	2.76	4	7	43.1	34.6	126	4.8	72	30.2	1.0
CFA 1405*	1	2.36	2.02	23	23	50.7	27.1	120	1.8	71	14.3	1.1
OAI347-2	1	3.81	2.52	10	20	38.2	33.7	114	6.5	65	33.9	1.2
OAI388-1	1	3.76	2.76	12	8	42.1	32.9	122	7.8	66	26.7	0.9
PGR-N09-81	1	3.89	2.83	5	5	40.2	29.0	113	3.8	67	27.3	0.8
SHADOW*	1	2.02	1.81	24	24	58.4	29.1	117	2.8	70	10.3	1.0
Grand mean		3.60	2.63			44.6	32.8	115	6.8	65	26.2	1.1
SEM		0.19	*			*	*	2.10	0.46	0.40	*	*
LSD		0.58	*			*	*	6.30	1.36	1.10	*	*
CV		10.42	*			*	*	3.70	13.37	1.10	*	*
Reps		4	1			1	1	4	4	4	1	1

\* = Hulless oats

TABLE 37. 2015 MARITIME OAT REGISTRATION - RECOMMENDATION TEST - HARTLAND

Cultivar	Status	Oat		Groat		Oat		Groat		Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Head. (days)	Hull (%)
		Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank					
AC DIETER	c	3.64	18	2.71	18	49.3	35.6	95	62	25.6				
AC RIGODON	c	3.79	16	2.77	16	48.2	35.2	112	61	26.9				
AVATAR	c	3.92	13	3.18	5	50.9	30.4	99	61	19.0				
CANMORE	c	4.01	10	2.89	12	48.6	36.8	107	62	28.0				
CANTAL	c	3.21	21	2.37	22	49.8	34.4	119	61	26.2				
CDC ORRIN	c	4.17	5	2.96	10	48.7	35.2	101	62	29.1				
NAVARO*	c	2.96	22	2.74	17	60.5	26.4	93	62	7.4				
NOVA	c	3.75	17	2.78	15	51.1	30.4	108	60	26.0				
OPTIMUM	c	3.90	14	2.87	13	49.2	30.0	89	62	26.4				
VITALITY	c	3.42	19	2.63	21	46.9	32.8	107	60	23.1				
AKINA	4	4.72	1	3.43	1	46.0	33.6	95	61	27.3				
BOLINA	4	4.19	3	3.10	6	50.6	31.2	96	61	26.0				
KARA	4	4.07	9	2.96	9	49.2	35.2	92	61	27.3				
CFA1207	3	4.46	2	3.22	3	47.3	34.0	95	61	27.9				
RILEY	3	4.11	8	3.26	2	50.4	31.6	114	59	20.6				
PGR-N10-31	2	4.14	6	3.20	4	47.4	34.0	101	60	22.7				
AAC NICOLAS	1	4.19	4	3.02	8	47.0	32.0	96	63	27.9				
AAC OAKLIN	1	4.14	7	3.08	7	49.4	35.2	95	62	25.7				
AAC RICHMOND	1	3.79	15	2.68	19	48.2	36.4	101	64	29.4				
CFA 1405*	1	2.39	24	2.07	24	53.9	28.0	102	67	13.2				
OA1347-2	1	3.94	11	2.81	14	45.1	36.0	104	62	28.7				
OA1388-1	1	3.92	12	2.91	11	46.7	36.8	104	63	25.8				
PGR-N09-81	1	3.41	20	2.65	20	47.5	32.0	92	64	22.2				
SHADOW*	1	2.56	23	2.34	23	63.0	26.0	104	63	8.6				
Grand mean		3.78		2.86		49.8	32.9	101	62	23.8				
SEM		0.21		*		*	*	2.70	0.40	*				
LSD		0.64		*		*	*	8.20	1.20	*				
CV		9.06		*		*	*	4.70	1.20	*				
Reps		3		1		1	1	3	3	1				

\* = Hullless oats

TABLE 38. 2015 MARITIME OAT REGISTRATION - RECOMMENDATION TEST - TRURO

Cultivar	Status	Oat		Groat		Oat		Groat		Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Lodg. (0-9)	Head. (days)	Hull (%)	Leaf sept. (0-9)	Straw Yield (kg/plot)
		Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank	Yield (t/ha)	Rank								
AC DIETER	c	5.13	17	3.79	13	47.5	33.5	126	2.8	68	26.2	6.0	2.2				
AC RIGODON	c	5.18	16	3.75	14	48.0	40.0	130	3.1	69	27.7	4.7	2.6				
AVATAR	c	4.02	21	2.99	23	47.2	36.5	118	5.4	68	25.7	6.3	1.4				
CANMORE	c	5.34	11	3.74	15	48.0	44.0	127	2.4	68	30.0	3.3	2.3				
CANTAL	c	4.27	19	3.07	22	49.1	40.5	133	5.1	67	28.0	4.3	2.5				
CDC ORRIN	c	5.55	7	3.90	10	47.9	35.0	130	2.2	68	29.8	5.7	2.0				
NAVARO*	c	3.44	24	3.21	20	57.6	30.5	104	0.3	70	6.7	3.3	2.4				
NOVA	c	5.39	10	3.84	12	49.8	36.5	124	4.4	67	28.7	4.0	1.9				
OPTIMUM	c	5.59	6	4.10	6	47.4	32.5	110	2.5	70	26.6	5.7	2.1				
VITALITY	c	5.32	12	3.94	8	44.5	44.0	128	2.1	68	25.9	5.7	2.0				
AKINA	4	6.83	1	5.01	1	44.9	38.5	114	0.7	66	26.7	5.0	2.1				
BOLINA	4	5.53	9	3.90	9	48.2	34.0	108	2.0	67	29.5	5.7	2.0				
KARA	4	6.29	3	4.50	3	48.3	28.0	108	0.4	67	28.5	3.7	1.8				
CFA1207	3	6.44	2	4.60	2	45.3	35.0	116	2.8	69	28.5	5.3	2.4				
RILEY	3	4.53	18	3.36	19	48.2	36.5	123	5.0	67	25.9	6.0	1.6				
PGR-N10-31	2	5.21	15	3.85	11	46.7	38.0	122	3.6	67	26.1	7.0	1.7				
AAC NICOLAS	1	5.54	8	4.07	7	45.1	35.0	116	3.8	70	26.5	4.3	1.7				
AAC OAKLIN	1	5.24	14	3.67	16	48.6	39.0	114	4.0	68	29.9	5.3	1.9				
AAC RICHMOND	1	5.24	13	3.65	18	46.4	34.0	127	4.3	75	30.3	3.7	4.0				
CFA 1405*	1	3.60	23	3.19	21	54.4	28.0	126	0.2	74	11.3	3.0	3.3				
OA1347-2	1	5.92	4	4.15	5	45.8	37.0	123	2.1	69	29.9	5.3	2.3				
OA1388-1	1	4.07	20	2.77	24	44.2	35.5	126	4.4	72	32.0	3.3	2.6				
PGR-N09-81	1	5.65	5	4.23	4	43.1	34.5	121	0.2	71	25.1	6.0	2.8				
SHADOW*	1	3.94	22	3.66	17	62.2	29.0	126	0.2	72	7.2	2.7	3.3				
Grand mean		5.14	3.79			48.3	35.6	121	2.7	69	25.5	4.8	2.3				
SEM		0.30	*			*	*	2.80	1.02	0.50	*	0.49	0.12				
LSD		0.90	*			*	*	8.40	3.06	1.50	*	1.46	0.37				
CV		9.61	*			*	*	4.00	66.27	1.20	*	17.53	9.41				
Reps		3	1			1	1	3	3	3	1	3	3				

\* = Hulless oats