

# 2015 MARITIME REGISTRATION AND RECOMMENDATION CEREAL VARIETY TRIALS

~~Spring~~ & Winter Wheat, ~~Oats and 2 6 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NOT FOR PUBLICATION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>
<u>MARITIME SPRING WHEAT REGISTRATION - RECOMMENDATION TEST</u>								
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
<u>MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST</u>								
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
<u>MARITIME OAT REGISTRATION - RECOMMENDATION TEST</u>								
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
<u>MARITIME 2-ROW &amp; 6-ROW BARLEY REGISTRATION - RECOMMENDATION TEST</u>								
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 Winter Wheat Registration - Recommendation Test

<u>Entries</u>		<u>Code</u>	<u>Pedigree</u>	<u>Source</u>
<u>Checks</u>				
1	AC Grandview	WW 80	KG85-12/AC WINSLOE	AAFC
2	AC Sampson	WW 12	WW12-105(AC WINSLOE*1/FLAMURA 80)	AAFC
3	Emmit			Hyland Seeds

### Fourth Year Entries

4	Pioneer 25R40			Pioneer
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### Third Year Entries

5	CFBA1110			Coop federee
6	CM614	CFBA1004		Coop federee
7	Harvard			Coop federee
8	Pioneer 25R46			Pioneer
9	Priesley			C & M Seeds
10	WW 130	06-130-3	03-79/AC GRANDVIEW	AAFC

### Second Year Entries

11	CFBA1206			Coop federee
12	Danko			Semican
13	Frontenac			Semican
14	WB425			C & M Seeds
15	WW 132	06-104-2	04-96/AC SAMPSON	AAFC

### First Year Entries

16	04SH06.07			Semican
17	CM1074			C & M Seeds
18	CM1163			C & M Seeds
19	Gallus			C & M Seeds
20	HY412-SRW			Hyland Seeds
21	LN610			ECORC
22	LN611			ECORC
23	OAC Flight			Coop federee
24	WW 135	08-6-2	WW 104/AC GRANDVIEW	AAFC
25	WW 136	08-24-2	WW 108/EMMIT	AAFC
26	WW 137	08-33-1	WW 110/FT. WONDER	AAFC
27	WW 138	08-113-2	EC 007-041/AC GRANDVIEW	AAFC

### 27 Entries

TABLE 15. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - FOUR YEAR SUMMARY - 2012-2015

Cultivar	Status	Site yrs	Yield Rank	Test weight (kg/ha)	1000 weight (gm)	Height (cm)	Lodg. (0-9)	Head. (Days)*	Matur. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)	DON (ppm)	Straw Yield (kg/plot)
AC Grandview	c	16	3	4.19	74.0	30.6	106	18	60	89	2.2	4.8	4.3	0.6	1.5
AC Sampson	c	16	4	4.11	72.9	35.2	95	20	60	90	2.8	5.2	2.9	0.6	1.2
Emmit	c	16	2	4.70	74.4	34.4	89	16	59	86	4.2	5.5	4.1	0.4	1.4
Pioneer25R40	4	16	1	5.56	75.8	37.8	78	15	58	88	1.4	3.8	1.9	0.6	1.2
Grand mean				4.64	74.3	34.5	92	17	59	88	2.6	4.8	3.3	0.6	1.3
SEM				0.14	0.32	0.44	0.90	0.30	0.70	1.50	0.34	0.21	0.49	0.08	0.06
LSD				0.42	0.95	1.32	2.80	0.80	2.20	4.40	1.03	0.62	1.47	0.23	0.17
Site Years				16	16	16	15	16	5	15	11	10	8	11	6

\* = Days after May 31

**TABLE 16. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - FOUR YEAR YIELD SUMMARY - 2012-2015**

Cultivar	Station Yields (t/ha)				Yield Rankings					
	Harr.	Hart.	Cann.	Trur.	Mean	Harr.	Hart.	Cann.	Trur.	Mean
<b>Checks</b>										
AC Grandview	3.74	3.30	4.11	5.60	4.19	2	4	4	4	3
AC Sampson	3.19	3.33	4.22	5.72	4.11	4	3	3	3	4
Ermit	3.39	3.65	4.91	6.84	4.70	3	2	2	2	2
<b>Fourth Year Cultivars</b>										
Pioneer25R40	4.35	3.68	6.11	8.11	5.56	1	1	1	1	1
Mean	3.67	3.49	4.84	6.57	4.64					
Site Years	4	4	4	4	16					

TABLE 17. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - THREE YEAR SUMMARY - 2013-2015

Cultivar	Status	Site yrs	Yield		Test weight (kg/ha)	1000 kwt (gm)	Height (cm)	Lodg. (0-9)	Head. (Days)*	Matur. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	DON (ppm)	Leaf Rust (0-9)	Straw Yield (kg/plot)
			(t/ha)	Rank												
AC Grandview	c	12	9	3.93	72.9	29.5	107	0.9	20	60	90	2.4	4.8	0.8	4.3	1.6
AC Sampson	c	12	10	3.74	72.2	33.6	95	1.2	22	60	90	3.0	5.4	0.6	2.9	1.2
Emmit	c	12	5	4.44	73.9	33.9	89	0.9	18	59	86	4.4	5.6	0.5	4.1	1.4
Pioneer25R40	4	12	1	5.26	75.3	36.8	78	0.2	17	59	87	1.5	3.6	0.6	1.9	1.3
CFBA1110	3	12	2	5.13	77.4	35.5	82	0.6	15	59	89	1.2	3.7	0.5	3.1	1.3
CM614	3	12	3	4.91	76.5	36.8	91	1.0	18	60	87	3.1	3.8	0.4	2.4	1.5
Harvard	3	12	7	4.33	76.5	37.4	89	0.8	18	60	88	2.6	4.8	0.6	2.4	1.4
Pioneer25R46	3	12	8	4.06	73.7	31.2	81	0.1	18	58	87	4.1	4.5	0.4	3.9	1.2
Priesley	3	12	4	4.78	72.7	36.7	80	0.2	19	58	86	1.1	3.8	0.3	2.2	1.4
WW130	3	12	6	4.38	73.6	29.9	103	0.6	21	60	90	1.1	4.7	0.9	4.2	1.7
Grand mean				4.50	74.5	34.1	89	0.7	19	59	88	2.4	4.5	0.5	3.1	1.4
SEM				0.18	0.44	0.54	1.00	0.18	0.20	0.80	1.50	0.38	0.28	0.10	0.56	0.08
LSD				0.53	1.32	1.62	3.00	0.53	0.70	2.30	4.60	1.13	0.83	0.31	1.69	0.24
Site Years				12	12	12	11	8	12	4	12	9	8	7	8	5

\* = Days after May 31



TABLE 18. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - THREE YEAR YIELD SUMMARY - 2013-2015

Cultivar	Station Yields (t/ha)				Yield Rankings					
	Harr.	Hart.	Cann.	Trur.	Mean	Harr.	Hart.	Cann.	Trur.	Mean
<u>Checks</u>										
AC Grandview	3.57	3.17	3.71	5.27	3.93	4	6	10	9	9
AC Sampson	2.83	3.03	3.93	5.18	3.74	10	8	8	10	10
Emmit	3.09	3.35	4.74	6.57	4.44	8	4	6	5	5
<u>Fourth Year Cultivars</u>										
Pioneer25R40	4.05	3.48	6.05	7.47	5.26	1	2	1	1	1
<u>Third Year Cultivars</u>										
CFBA1110	3.89	3.86	5.73	7.05	5.13	2	1	4	4	2
CM614	3.11	3.33	6.01	7.17	4.91	7	5	2	2	3
Harvard	2.84	3.15	5	6.32	4.33	9	7	5	7	7
Pioneer25R46	3.12	2.91	3.84	6.39	4.06	6	10	9	6	8
Priesley	3.25	3.02	5.8	7.06	4.78	5	9	3	3	4
WW 130	3.83	3.38	4.26	6.06	4.38	3	3	7	8	6
Mean	3.36	3.27	4.91	6.45	4.5					
Site Years	3	3	3	3	12					

TABLE 19. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - TWO YEAR SUMMARY - 2014-2015

Cultivar	Status	Site	yrs	Yield		Test weight (kg/hl)	1000 gm weight	Height (cm)	Lodg. (0-9)	Head. (Days)*	Matur. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Straw Yield (kg/plot)	DON (ppm)	Leaf Rust (0-9)
				Rank	(t/ha)												
AC Grandview	c	8	14	3.82	73.7	29.7	104	0.9	22	65	94	1.7	5.3	1.5	0.4	5.7	
AC Sampson	c	8	15	3.82	72.6	33.3	93	1.0	24	63	96	1.8	5.9	1.2	0.4	3.3	
Emmit	c	8	9	4.38	75.0	34.2	87	0.7	20	62	90	3.1	5.8	1.4	0.3	5.3	
Pioneer25R40	4	8	2	5.10	76.1	36.8	76	0.2	20	61	90	1.2	3.9	1.2	0.5	1.8	
CFBA1110	3	8	5	4.84	78.0	35.6	79	0.5	17	62	92	1.0	4.2	1.2	0.5	3.0	
CM614	3	8	7	4.74	77.2	37.4	89	0.9	20	65	90	2.6	4.0	1.5	0.3	1.8	
Harvard	3	8	12	4.13	77.2	37.3	87	0.9	20	63	90	1.9	5.0	1.3	0.4	2.1	
Pioneer25R46	3	8	13	4.02	74.5	31.7	79	0.1	20	61	90	3.1	5.2	1.2	0.3	4.7	
Priesley	3	8	4	4.88	74.1	38.0	78	0.2	21	62	91	0.9	3.8	1.4	0.3	1.6	
WW130	3	8	11	4.28	74.3	30.0	100	0.7	23	63	92	0.6	5.4	1.6	0.6	5.0	
CFBA1206	2	8	3	4.91	77.6	33.0	81	0.8	18	63	92	1.0	4.2	1.2	0.2	2.6	
DANKO^	2	8	1	7.24	73.8	34.8	141	1.4	8	67	99	0.5	3.6	3.3	0.6	1.2	
Frontenac	2	8	8	4.62	76.2	35.9	94	1.8	20	63	93	1.2	4.7	1.4	0.4	1.6	
WB425	2	8	6	4.83	76.7	31.4	82	0.3	19	63	92	1.0	3.0	1.5	0.3	1.4	
WW132	2	8	10	4.30	72.4	32.9	101	1.8	23	64	95	3.4	5.5	1.6	0.3	4.5	
Grand mean				4.66	75.3	34.1	91	0.8	20	63	92	1.7	4.6	1.5	0.4	3.0	
SEM				0.25	0.46	0.82	1.40	0.25	0.30	0.60	1.90	0.40	0.36	0.12	0.10	0.57	
LSD				0.76	1.37	2.45	4.10	0.76	1.00	1.90	5.50	1.21	1.08	0.34	0.29	1.71	
Site Years				8	8	8	8	6	8	3	8	6	5	4	4	4	5

^ = Winter Rye \* = Days after May 31

TABLE 20. MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - TWO YEAR YIELD SUMMARY - 2014-2015

Cultivar	Station Yields (t/ha)				Yield Rankings					
	Harr.	Hart.	Cann.	Trur.	Mean	Harr.	Hart.	Cann.	Trur.	Mean
<u>Checks</u>										
AC Grandview	3.11	3.36	3.35	5.48	3.82	7	13	15	15	15
AC Sampson	2.61	3.43	3.67	5.56	3.82	12	12	14	14	14
Ermit	2.59	3.51	4.47	6.94	4.38	13	11	10	5	9
<u>Fourth Year Cultivars</u>										
Pioneer25R40	3.51	3.76	5.75	7.39	5.10	2	7	3	2	2
<u>Third Year Cultivars</u>										
CFBA1110	3.31	4.11	5.18	6.77	4.84	5	3	8	6	5
CM614	2.40	3.71	5.74	7.10	4.74	14	8	5	4	7
Harvard	2.34	3.33	4.89	5.94	4.13	15	14	9	12	12
Pioneer25R46	2.78	3.06	3.78	6.44	4.02	11	15	13	9	13
Priesley	2.89	3.63	5.88	7.13	4.88	8	10	2	3	4
WW 130	3.34	3.64	3.95	6.19	4.28	4	9	12	10	11
<u>Second Year Cultivars</u>										
CFBA1206	3.20	4.49	5.21	6.73	4.91	6	2	7	7	3
DANKO^	7.33	6.99	6.87	7.79	7.24	1	1	1	1	1
Frontenac	2.87	3.84	5.72	6.05	4.62	10	5	6	11	8
WB425	2.88	4.06	5.74	6.63	4.83	9	4	4	8	6
WW 132	3.45	3.78	4.21	5.75	4.30	3	6	11	13	10
Mean	3.24	3.91	4.96	6.53	4.66					
Site Years	2	2	2	2	8					

^ = Winter Rye

TABLE 21. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - SUMMARY\*\*

Cultivar	Status	Site yrs	Yield (t/ha)	Test weight (kg/hi)	1000 weight (gm)	Height (cm)	Head. (Days)*	Matur. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)	DON (ppm)	Straw Yield (kg/plot)	
AC Grandview	c	4	23	3.68	73.5	28.3	101	22	74	98	2.3	6.0	6.1	0.3	1.5
AC Sampson	c	4	24	3.67	72.0	33.1	94	25	70	98	2.1	6.3	4.0	0.5	1.3
Emmit	c	4	17	4.23	75.0	32.5	87	21	69	96	3.8	6.2	6.1	0.4	1.5
Pioneer25R40	4	4	8	4.90	76.5	38.2	75	21	69	92	1.6	3.6	2.7	0.5	1.3
CFBA1110	3	4	5	5.08	78.6	35.6	78	18	69	98	1.1	4.1	3.2	0.6	1.4
CM1614	3	4	10	4.81	77.3	37.6	88	21	71	93	3.6	3.8	1.9	0.4	1.6
Harvard	3	4	20	4.06	77.7	37.1	85	21	69	95	2.5	5.4	2.9	0.4	1.3
Pioneer25R46	3	4	26	3.50	74.0	30.8	76	21	69	92	4.1	5.4	5.1	0.3	1.2
Priesley	3	4	7	4.98	74.0	37.6	75	22	70	96	1.1	3.8	2.2	0.5	1.5
WW 130	3	4	16	4.30	74.6	29.1	99	23	69	96	0.8	6.1	5.4	0.4	1.6
CFBA1206	2	4	3	5.21	78.5	32.9	80	19	70	97	1.1	3.8	2.2	0.4	1.4
DANKO^	2	4	1	7.82	74.8	36.5	137	9	75	100	0.7	3.5	1.9	0.5	3.1
Frontenac	2	4	4	5.08	77.7	37.5	94	21	71	98	1.6	4.5	2.2	0.4	1.5
WB425	2	4	11	4.79	76.7	31.0	80	20	70	96	0.9	2.9	1.8	0.4	1.6
WW 132	2	4	18	4.16	72.1	31.9	101	23	71	98	4.1	5.8	5.1	0.3	1.6
04SH06.07	1	4	22	4.01	80.4	40.7	93	22	71	96	1.5	5.3	3.0	0.3	1.4
CM1074	1	4	6	5.03	77.5	34.0	80	20	70	98	3.7	4.0	3.0	0.3	1.5
CM1163	1	4	15	4.34	75.4	33.0	85	22	69	89	1.4	4.9	2.5	0.3	1.5
Gallus	1	4	13	4.47	76.6	39.2	80	21	70	94	1.4	4.3	2.1	0.3	1.5
HY412-SRW	1	4	2	5.47	77.4	37.1	86	23	69	96	2.9	3.7	2.3	0.4	1.8
LN610	1	4	19	4.08	75.1	32.5	88	24	72	95	2.1	6.8	3.1	0.4	2.1
LN611	1	4	14	4.47	75.1	30.9	89	23	70	97	1.6	6.8	2.2	0.7	1.7
OAC Flight	1	4	25	3.59	72.1	30.4	82	20	69	96	4.7	5.9	7.0	0.5	1.2
WW 135	1	4	9	4.88	74.9	30.9	104	24	71	97	1.8	4.2	4.5	0.5	1.9
WW 136	1	4	12	4.52	73.8	32.5	90	24	72	98	1.5	5.8	3.8	0.4	1.6
WW 137	1	4	21	4.05	74.2	34.0	100	22	68	96	1.6	6.1	4.9	0.4	1.4
WW 138	1	4	27	3.45	73.1	33.6	95	23	70	97	2.1	4.7	4.3	0.5	1.5
Grand mean				4.54	75.5	34.0	90	21	70	96	2.1	4.9	3.5	0.4	1.6
SEM				0.37	0.81	1.28	2.00	0.50	*	2.00	0.49	0.56	0.66	*	0.13
LSD				1.12	2.42	3.84	6.00	1.50	*	6.10	1.46	1.67	1.98	*	0.40
Site Years			4	4	4	4	4	4	1	4	4	3	3	1	2

^ = Winter Rye

\* = Days after May 31

\*\* = Does not Include Ottawa

TABLE 22. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - YIELD SUMMARY\*\*

Cultivar	Status	Yield (t/ha)																		
		by Station					by Rankings													
		Harr	Hart	Trur	Cann	Otta	Test*	Harr	Hart	Trur	Cann	Otta	Test*	Harr	Hart	Trur	Cann	Otta	Test*	
AC Grandview	C	2.67	3.02	5.14	3.89	6.01	3.68	10	23	22	25	25	3.68	10	23	22	25	25	25	23
AC Sampson	C	2.22	3.57	5.17	3.70	5.42	3.67	17	19	20	26	27	3.67	17	19	20	26	27	27	24
Emmit	C	1.90	3.48	6.22	5.32	7.31	4.23	21	20	15	16	8	4.23	21	20	15	16	8	17	17
Pioneer25R40	4	2.64	3.66	7.15	6.15	7.43	4.90	12	18	4	8	7	4.90	12	18	4	8	7	8	8
CFBA1110	3	2.90	4.63	6.88	5.91	7.79	5.08	7	8	8	10	4	5.08	7	8	8	10	4	5	5
CM614	3	1.32	4.14	7.41	6.36	7.63	4.81	26	11	3	6	5	4.81	26	11	3	6	5	10	10
Harvard	3	1.77	3.88	5.37	5.21	6.42	4.06	23	15	19	17	22	4.06	23	15	19	17	22	20	20
Pioneer25R46	3	1.80	2.73	5.16	4.31	7.01	3.50	22	26	21	24	12	3.50	22	26	21	24	12	26	26
Priesley	3	1.73	4.51	6.77	6.90	7.91	4.98	24	9	9	2	3	4.98	24	9	9	2	3	7	7
WW 130	3	3.02	3.47	5.72	4.97	6.77	4.30	6	21	17	18	17	4.30	6	21	17	18	17	16	16
CFBA1206	2	2.85	4.86	6.92	6.20	7.12	5.21	8	3	7	7	10	5.21	8	3	7	7	10	3	3
DANKO^	2	8.21	7.69	7.74	7.66	8.95	7.82	1	1	2	1	1	7.82	1	1	2	1	1	1	1
Frontenac	2	2.15	4.72	6.95	6.52	7.04	5.08	19	5	5	4	11	5.08	19	5	5	4	11	4	4
WB425	2	2.27	4.17	6.37	6.36	7.17	4.79	15	10	12	5	9	4.79	15	10	12	5	9	11	11
WW 132	2	3.04	3.75	5.08	4.78	6.78	4.16	5	17	24	21	16	4.16	5	17	24	21	16	18	18
04SH06.07	1	2.17	4.12	4.90	4.87	5.88	4.01	18	13	25	19	26	4.01	18	13	25	19	26	22	22
CM1074	1	3.20	4.00	6.93	5.97	7.52	5.03	4	14	6	9	6	5.03	4	14	6	9	6	6	6
CM1163	1	0.78	4.64	6.35	5.60	6.78	4.34	27	7	13	14	15	4.34	27	7	13	14	15	15	15
Gallus	1	1.35	4.13	6.74	5.67	6.04	4.47	25	12	10	13	24	4.47	25	12	10	13	24	13	13
HY412-SRW	1	2.64	4.92	7.74	6.59	8.02	5.47	11	2	1	3	2	5.47	11	2	1	3	2	2	2
LN610	1	2.29	3.02	5.58	5.42	6.51	4.08	14	24	18	15	21	4.08	14	24	18	15	21	19	19
LN611	1	2.70	3.16	6.27	5.75	6.72	4.47	9	22	14	12	18	4.47	9	22	14	12	18	14	14
OAC Flight	1	2.22	2.96	4.54	4.64	6.78	3.59	16	25	26	22	14	3.59	16	25	26	22	14	25	25
WW 135	1	3.52	3.82	6.40	5.75	6.71	4.88	2	16	11	11	19	4.88	2	16	11	11	19	9	9
WW 136	1	3.32	4.81	5.14	4.81	6.89	4.52	3	4	23	20	13	4.52	3	4	23	20	13	12	12
WW 137	1	2.57	4.65	4.44	4.56	6.63	4.05	13	6	27	23	20	4.05	13	6	27	23	20	21	21
WW 138	1	2.08	2.31	5.74	3.67	6.10	3.45	20	27	16	27	23	3.45	20	27	16	27	23	21	27
Grand mean		2.57	4.03	6.10	5.46	6.94	4.54						4.54							
SEM		0.22	0.23	0.26	0.21	0.23	0.37						0.37							
LSD		0.66	0.69	0.78	0.63	0.69	1.12						1.12							
CV		15.55	9.74	7.90	7.00	6.07														
Reps		4	4	4	4	4														

\*\* = Does not Include Ottawa

^ = Winter Rye

TABLE 23. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - HARRINGTON

Cultivar	Status	Rank	Yield	Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Head (Days)*	Surv. (%)	Mildew	DON
AC Grandview	c	10	2.670	76.3	30.1	92	31	94	2.0	0.3
AC Sampson	c	17	2.220	75.0	37.4	90	33	94	2.2	0.5
Emmit	c	21	1.900	75.9	34.4	76	30	86	3.5	0.4
Pioneer25R40	4	12	2.640	79.3	40.6	69	30	90	0.5	0.5
CFBA1110	3	7	2.900	78.9	36.3	65	27	95	0.0	0.6
CM614	3	26	1.320	77.4	35.7	75	31	77	2.5	0.4
Harvard	3	23	1.770	76.1	34.6	77	30	90	0.7	0.4
Pioneer25R46	3	22	1.800	77.9	33.3	66	30	85	1.5	0.3
Priesley	3	24	1.730	73.1	35.7	64	32	83	0.0	0.5
WW 130	3	6	3.020	77.5	30.7	86	32	93	0.0	0.4
CFBA1206	2	8	2.850	79.5	33.4	66	27	94	0.0	0.4
DANKO <sup>Λ</sup>	2	1	8.210	75.7	41.6	132	15	100	0.0	0.5
Frontenac	2	19	2.150	77.0	36.6	86	30	94	0.0	0.4
WB425	2	15	2.270	79.3	31.0	69	29	91	0.0	0.4
WW 132	2	5	3.040	74.5	34.9	92	32	94	3.2	0.3
04SH06.07	1	18	2.170	80.1	41.8	83	31	92	0.7	0.3
CM1074	1	4	3.200	79.5	34.1	74	29	93	2.8	0.3
CM1163	1	27	0.780	73.1	26.8	67	32	63	0.2	0.3
Gallus	1	25	1.350	75.5	35.6	64	31	82	0.0	0.3
HY412-SRW	1	11	2.640	79.2	36.4	82	32	86	3.0	0.4
LN610	1	14	2.290	76.5	32.9	81	32	92	0.5	0.4
LN611	1	9	2.700	77.9	32.3	81	31	92	1.0	0.7
OAC Flight	1	16	2.220	76.5	34.9	76	30	91	3.8	0.5
WW 135	1	2	3.520	76.8	34.3	97	33	95	2.0	0.5
WW 136	1	3	3.320	77.1	34.4	89	32	95	2.0	0.4
WW 137	1	13	2.570	77.2	38.0	93	32	92	1.0	0.4
WW 138	1	20	2.080	77.4	36.7	89	31	92	1.2	0.5
Grand mean			2.570	77.0	35.0	81	30	90	1.3	0.4
SEM			0.219	*	*	2.400	0.400	3.100	0.400	*
LSD			0.656	*	*	7.100	1.200	9.200	1.210	*
CV			15.551	*	*	5.800	2.600	6.800	63.030	*
Reps			4	1	1	4	4	4	4	1

<sup>Λ</sup> = Winter Rye  
\* = Days after May 31

TABLE 24. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - HARTLAND

Cultivar	Status	Rank	Yield (t/ha)	Test weight (kg/ha)	1000 kwt (gm)	Head. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)
AC Grandview	c	23	3.02	73.2	27.6	17	100	4.2	4.2	4.0
AC Sampson	c	19	3.57	70.9	34.4	22	100	2.5	4.0	1.5
Emmit	c	20	3.48	74.3	33.6	18	100	8.0	4.0	5.5
Pioneer25R40	4	18	3.66	75.6	39.6	18	85	2.2	1.0	1.5
CFBA1110	3	8	4.63	78.8	38.8	15	100	1.2	2.2	3.2
CM614	3	11	4.14	76.8	39.2	17	100	6.5	3.0	1.5
Harvard	3	15	3.88	78.7	40.8	15	100	6.2	4.5	1.0
Pioneer25R46	3	26	2.73	70.4	28.8	18	91	6.0	5.0	5.2
Priesley	3	9	4.51	74.5	39.6	18	100	2.2	2.5	1.0
WW 130	3	21	3.47	72.7	27.2	20	100	1.0	5.2	3.5
CFBA1206	2	3	4.86	78.0	35.2	15	100	2.2	1.7	1.3
DANKO^	2	1	7.69	73.5	41.2	4	100	1.0	2.7	1.0
Frontenac	2	5	4.72	78.3	42.0	16	100	2.8	3.0	1.0
WB425	2	10	4.17	75.2	30.4	18	100	1.5	1.2	1.0
WW 132	2	17	3.75	70.5	32.0	20	100	5.8	4.2	3.0
04SH06.07	1	13	4.12	80.7	45.6	18	100	1.2	3.0	1.0
CM1074	1	14	4.00	76.1	35.2	17	100	5.8	2.8	2.5
CM1163	1	7	4.64	77.2	34.8	16	98	2.8	3.7	1.0
Gallus	1	12	4.13	77.5	40.4	17	100	1.5	2.7	1.0
HY412-SRW	1	2	4.92	76.6	37.6	20	100	3.0	3.0	2.8
LN610	1	24	3.02	72.0	34.8	22	100	5.0	6.8	1.3
LN611	1	22	3.16	73.1	30.4	20	100	1.5	8.5	1.0
OAC Flight	1	25	2.96	69.1	24.8	17	100	6.8	5.0	8.0
WW 135	1	16	3.82	72.8	28.8	20	100	1.5	3.2	5.0
WW 136	1	4	4.81	72.1	32.0	21	100	1.2	3.0	1.0
WW 137	1	6	4.65	74.2	35.6	18	98	2.8	3.5	1.5
WW 138	1	27	2.31	69.5	29.2	20	100	2.8	3.2	4.8
Grand mean			4.03	74.5	34.8	18	99	3.3	3.6	2.4
SEM			0.23	*	*	0.50	1.00	0.82	0.53	0.80
LSD			0.69	*	*	1.40	3.00	2.45	1.59	2.41
CV			9.74	*	*	5.20	2.00	49.51	29.41	65.64
Reps			4	1	1	4	4	4	4	4

\* = Days after May 31

^ = Winter Rye

TABLE 25. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - CANNING

Cultivar	Status	Rank	Yield (t/ha)	Test weight (kg/hi)	1000 kwt (gm)	Height (cm)	Head (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)	Straw Yield (kg)
AC Grandview	c	25	3.89	72.0	28.0	90	18	100	2.3	5.0	5.8	1.2
AC Sampson	c	26	3.70	70.6	30.0	82	20	100	2.5	6.0	4.5	1.1
Ermit	c	16	5.32	77.4	30.5	81	16	99	2.5	5.5	4.8	1.3
Pioneer25R40	4	8	6.15	76.5	35.5	68	16	100	2.5	3.7	2.8	1.2
CFBA1110	3	10	5.91	78.7	33.0	69	14	100	1.5	3.7	2.5	1.4
CM614	3	6	6.36	77.4	36.5	82	15	98	3.8	3.7	2.2	1.6
Harvard	3	17	5.21	78.5	36.5	80	16	99	2.5	4.8	3.3	1.3
Pioneer25R46	3	24	4.31	74.8	30.0	68	17	99	5.8	4.0	3.5	1.2
Priesley	3	2	6.90	75.8	38.0	69	16	100	2.0	3.5	2.0	1.4
WW 130	3	18	4.97	74.5	31.0	90	18	99	2.3	4.2	5.8	1.4
CFBA1206	2	7	6.20	78.7	30.5	75	14	100	1.8	3.5	2.5	1.4
DANKO^	2	1	7.66	75.8	32.0	113	6	100	1.8	3.2	2.8	2.8
Frontenac	2	4	6.52	78.1	35.0	85	16	98	2.8	4.2	2.8	1.3
WB425	2	5	6.36	77.2	31.5	72	15	98	2.3	3.5	1.8	1.5
WW 132	2	21	4.78	72.0	30.0	92	18	100	5.0	4.8	5.0	1.4
04SH06.07	1	19	4.87	79.4	38.5	86	16	100	3.3	5.2	3.8	1.5
CM1074	1	9	5.97	78.1	33.5	70	15	100	4.2	3.5	2.5	1.3
CM1163	1	14	5.60	76.7	36.0	80	17	100	2.3	4.2	2.2	1.5
Gallus	1	13	5.67	77.9	40.5	76	16	99	2.5	3.7	2.2	1.4
HY412-SRW	1	3	6.59	77.4	37.5	77	18	100	4.2	3.7	1.8	1.6
LN610	1	15	5.42	76.0	32.0	83	20	98	3.0	5.2	2.5	1.5
LN611	1	12	5.75	75.6	32.0	84	20	100	3.0	4.5	2.2	1.5
OAC Flight	1	22	4.64	74.0	33.0	72	15	96	5.5	4.5	4.0	1.0
WW 135	1	11	5.75	73.5	30.0	93	18	100	2.8	3.5	3.0	1.6
WW 136	1	20	4.81	72.5	31.0	80	18	100	1.8	5.5	4.2	1.5
WW 137	1	23	4.56	73.1	32.0	90	18	100	2.0	5.8	5.8	1.1
WW 138	1	27	3.67	71.2	32.0	87	19	99	2.8	4.8	2.2	1.3
Grand mean			5.46	75.7	33.2	81	17	99	2.9	4.4	3.3	1.4
SEM			0.21	*	*	1.90	0.50	1.30	0.53	0.30	0.40	0.09
LSD			0.63	*	*	5.70	1.40	3.90	1.58	0.90	1.20	0.27
CV			7.00	*	*	4.70	5.50	2.60	36.28	13.77	24.55	12.54
Reps			4	1	1	4	4	4	4	4	4	4

\* = Days after May 31

^ = Winter Rye



TABLE 26. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - TRURO

Cultivar	Status	Rank	Yield (t/ha)	Test weight (kg/hl)	1000 weight (gm)	Height (cm)	Head (Days)*	Matur. (Days)*	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)	Straw Yield (kg)
AC Grandview	c	22	5.14	72.3	27.5	119	22	74	96	0.7	8.8	8.5	1.8
AC Sampson	c	20	5.17	71.6	30.5	109	24	70	100	1.0	9.0	6.0	1.5
Ermit	c	15	6.22	72.6	31.5	98	20	69	100	1.0	9.0	8.0	1.6
Pioneer25R40	4	4	7.15	74.7	37.0	85	20	69	94	1.0	6.0	3.8	1.3
CFBA1110	3	8	6.88	77.9	34.5	91	17	69	96	1.5	6.2	3.8	1.3
CM614	3	3	7.41	77.6	39.0	100	20	71	99	1.8	4.5	2.0	1.6
Harvard	3	19	5.37	77.5	36.5	92	20	69	90	0.5	7.0	4.5	1.2
Pioneer25R46	3	21	5.16	73.0	31.0	86	20	69	94	3.0	7.2	6.5	1.1
Priesley	3	9	6.77	72.7	37.0	84	21	70	99	0.0	5.2	3.5	1.5
WW130	3	17	5.72	73.6	27.5	116	24	69	94	0.0	8.8	7.0	1.9
CFBA1206	2	7	6.92	77.7	32.5	92	19	70	94	0.5	6.2	3.0	1.4
DANKO^	2	2	7.74	74.1	31.0	152	11	75	100	0.0	4.5	2.0	3.3
Frontenac	2	5	6.95	77.2	36.5	102	22	71	99	1.0	6.2	2.8	1.6
WB425	2	12	6.37	75.0	31.0	95	20	70	96	0.0	3.9	2.7	1.7
WW132	2	24	5.08	71.3	30.5	114	22	71	99	2.2	8.5	7.2	1.8
04SH06.07	1	25	4.90	81.4	37.0	103	23	71	94	0.8	7.5	4.2	1.4
CM1074	1	6	6.93	76.2	33.0	93	20	70	98	2.0	5.7	4.0	1.6
CM1163	1	13	6.35	74.7	34.5	97	22	69	95	0.2	6.7	4.3	1.5
Gallus	1	10	6.74	75.4	40.5	92	21	70	98	1.8	6.5	3.0	1.6
HY412-SRW	1	1	7.74	76.3	37.0	97	22	69	98	1.3	4.2	2.4	1.9
LN610	1	18	5.58	75.9	30.5	98	23	72	92	0.0	8.5	5.6	2.6
LN611	1	14	6.27	73.8	29.0	101	22	70	98	1.0	7.2	3.5	1.9
OAC Flight	1	26	4.54	68.9	29.0	94	19	69	96	2.9	8.2	9.1	1.4
WW135	1	11	6.40	76.5	30.5	119	24	71	95	1.0	5.7	5.5	2.1
WW136	1	23	5.14	73.6	32.5	100	25	72	96	1.0	8.8	6.2	1.6
WW137	1	27	4.44	72.3	30.5	112	22	68	94	0.5	9.0	7.5	1.6
WW138	1	16	5.74	74.3	36.5	109	22	70	98	1.5	6.0	6.0	1.7
Grand mean			6.10	74.7	33.1	102	21	70	96	1.0	6.9	4.9	1.7
SEM			0.26	*	*	1.90	0.40	*	2.30	0.71	0.55	0.60	0.14
LSD			0.78	*	*	5.80	1.10	*	6.90	2.12	1.64	1.80	0.43
CV			7.90	*	*	3.80	3.60	*	4.80	135.77	15.91	24.47	17.08
Reps			4	1	1	4	4	1	4	4	4	4	4

\* = Days after May 31

^ = Winter Rye

**TABLE 27. 2015 MARITIME WINTER WHEAT REGISTRATION - RECOMMENDATION TEST - OTTAWA**

Cultivar	Status	Rank	Yield (t/ha)	Test weight (kg/hl)	1000 kwt (gm)	Surv. (%)	Mildew (0-9)	Leaf sept. (0-9)	Leaf Rust (0-9)
AC Grandview	c	25	6.01	78.8	36.4	97	1.0	3.5	5.0
AC Sampson	c	27	5.42	75.6	38.6	97	1.0	3.5	5.0
Emmit	c	8	7.31	79.0	42.0	96	2.0	3.0	4.0
Pioneer25R40	4	7	7.43	77.3	43.5	95	1.0	3.5	4.0
CFBA1110	3	4	7.79	79.6	41.1	96	1.0	3.5	4.0
CM614	3	5	7.63	80.3	43.1	95	3.0	2.0	1.0
Harvard	3	22	6.42	80.0	47.5	95	3.0	4.0	3.5
Pioneer25R46	3	12	7.01	77.0	39.6	94	1.5	3.5	3.5
Priesley	3	3	7.91	76.8	45.1	94	1.0	3.0	2.0
WW 130	3	17	6.77	78.8	35.8	98	1.0	3.0	5.0
CFBA1206	2	10	7.12	78.5	38.7	95	1.0	2.5	3.5
DANKO^	2	1	8.95	75.9	37.5	97	1.0	2.0	2.0
Frontenac	2	11	7.04	81.2	46.9	98	2.5	2.5	1.5
WB425	2	9	7.17	79.1	35.7	95	1.5	3.0	2.0
WW 132	2	16	6.78	75.9	40.0	98	2.5	3.5	5.0
04SH06.07	1	26	5.88	81.4	48.9	97	1.0	4.5	5.0
CM1074	1	6	7.52	79.1	38.1	96	2.5	2.0	1.5
CM1163	1	15	6.78	78.3	40.6	98	1.0	2.0	2.0
Gallus	1	24	6.04	80.3	47.6	95	1.0	2.0	1.5
HY412-SRW	1	2	8.02	79.9	42.6	96	3.5	2.0	2.0
LN610	1	21	6.51	78.7	37.0	94	1.0	4.0	4.5
LN611	1	18	6.72	78.6	33.4	98	1.0	3.0	5.0
OAC Flight	1	14	6.78	78.5	39.8	98	1.0	4.0	4.5
WW 135	1	19	6.71	78.7	38.2	96	2.0	2.0	4.0
WW 136	1	13	6.89	76.7	36.1	96	1.0	3.0	4.0
WW 137	1	20	6.63	77.2	41.8	96	1.0	4.0	5.0
WW 138	1	23	6.10	78.0	39.1	97	1.0	3.5	5.0
Grand mean			6.94	78.5	40.5	96	1.5	3.0	3.5
SEM			0.23	0.57	1.16	1.10	0.45	0.35	0.34
LSD			0.69	1.70	3.47	3.30	1.34	1.06	1.02
CV			6.07	1.44	5.71	2.30	59.08	23.28	19.25
Reps			4	4	4	4	2	2	2

^ = Winter Rye