

2012-2013-2014 TALL FESCUE COMBINED SITE REPORT

<u>Sites Used</u>	<u>Years Harvested</u>		
NB Dept Agr, Woodstock	2012	2013	2014
Perennia-AAFC, Nappan, NS	2012	2013	2014
Dal Faculty of Agriculture, Truro, NS	*	*	2014
Perennia, Berwick, NS	2012	2013	2014
AAFC, Kentville, NS	2012	2013	2014

TABLE 180: TALL FESCUE FIRST CUT DRY MATTER (DM) YIELDS (MEANS), SEASONAL DM YIELDS, 2 AND 3 YEAR % PERSISTANCE ACROSS SITES FOR 2012, 2013, 2014 AND FOR COMBINED YEARS 1, 2 AND 3.

Cultivar	First Cut Dry Matter Yield (t/ha)			Seasonal Dry Matter Yield (t/ha)			Years 1+2	2 years % persist	Years 1+2+3	3 years % persist
	2012	2013	2014	2012	2013	2014				
Courtenay	4.43	3.74	4.17	6.90	7.70	7.21	7.30	-0.2	7.63	0.7
BarElite	4.05	3.23	3.56	6.24	6.08	6.16	6.17	-8.5	6.32	-2.3
Kora	4.45	3.74	4.09	6.74	7.35	7.00	7.04	1.1	7.27	-0.2
Hymark	4.57	3.52	3.94	6.77	6.54	6.81	6.70	-10.4	6.92	-5.0
Cajun 2	4.37	3.37	3.95	6.37	6.50	6.67	6.42	-5.2	6.64	-3.6
Bariane	4.18	3.11	3.54	6.36	6.01	6.14	6.19	-9.4	6.26	-11.3
Barcarella	4.52	3.26	3.85	6.48	6.02	6.61	6.27	-15.5	6.53	-7.1
Barolex	4.13	2.76	3.60	6.26	5.52	6.29	5.84	-13.1	6.06	-5.4
Bardurum	3.92	3.08	3.62	6.35	6.24	6.36	6.37	-7.0	6.47	-6.0
Cumulative Std	4.39	3.82	4.25	7.03	7.44	7.21	7.23	*	7.22	*
Grand Mean	4.29	3.31	3.81	6.50	6.44	6.58	6.48	*	6.68	*
Std Error	0.259	0.183	0.184	0.382	0.242	0.276	0.274	*	0.224	*
F prob	0.156	<0.001	0.002	0.585	<0.001	<0.001	<0.001	*	<0.001	*

Site Variation ¹	First cut			Seasonal				
	2012	2013	2014	2012	2013	2014	Years 1+2	Years 1+2+3
AAFC, Kentville, NS	0.40	0.14	0.14	0.44	0.68	0.45	0.34	0.30
Perennia, AAFC Nappan, NS	0.35	0.21	0.58	1.20	0.31	1.01	0.53	0.59
NB Dept Agr, Woodstock	0.36	0.17	0.28	0.95	0.17	0.43	0.29	0.16
Dal Faculty of Agriculture, Truro, NS	*	*	0.19	*	*	0.51	*	*
Perennia, Berwick, NS	0.56	0.41	0.52	2.54	1.17	0.81	1.48	0.52

¹ The lower the number, the lower the site variation, and the more weight this site has in the analysis.

The standard used was: Courtenay.