


**BC FORAGE COUNCIL**

**2004 - 2008 Grass Harvest - FORT FRASER, B.C.**

	DM Yield in kg/ha								% of Check
	2004	2004	2005	2005	2006	2007	2008		
	Cut 1	Cut 2	Cut 1	Cut 2	Cut 1	Cut 1	Cut 1	5 Yr Avg	
VARIETY	23-Jun	26-Aug	20-Jun	5-Sep	27-Jun	5-Jul	22-Jul	5 Yr Avg	Check
<b>TIMOTHY</b>									
Talon	3113	900	5815	2025	3570	5540	8295	5852	104
Timpro	3293	738	6049	1672	3633	5465	8355	5841	103
Titan	3902	593	5536	1498	3164	5596	8172	5692	101
<b>Climax</b>	<b>4047</b>	<b>623</b>	<b>5383</b>	<b>1490</b>	<b>3066</b>	<b>5416</b>	<b>8236</b>	<b>5652</b>	<b>100</b>
LMR 72	4033	613	5798	953	3278	5248	8157	5616	99
SBT 9501	3047	748	5832	1453	3296	5188	8326	5578	99
Promesse	4008	498	5793	1050	2868	4988	7643	5370	95
Barnee	2645	544	4601	1153	1609	3679	7029	4252	75
<b>Mean</b>	<b>3511</b>	<b>657</b>	<b>5601</b>	<b>1412</b>	<b>3061</b>	<b>4980</b>	<b>8027</b>	<b>5482</b>	
<b>CV</b>	<b>32</b>	<b>46</b>	<b>10</b>	<b>38</b>	<b>27</b>	<b>24</b>	<b>10</b>	<b>14</b>	
<b>LSD</b>	<b>676</b>	<b>NSD</b>	<b>363</b>	<b>565</b>	<b>463</b>	<b>937</b>	<b>1087</b>	<b>999</b>	
<b>ORCHARDGRASS</b>									
<b>Kay</b>	<b>3036</b>	<b>1943</b>	<b>4721</b>	<b>2149</b>	<b>2039</b>	<b>4284</b>	<b>7408</b>	<b>5116</b>	<b>100</b>
Okay	2630	1629	3778	2046	2039	4170	7736	4806	94
Early Arctic	2549	1524	4440	1671	2027	4542	6637	4678	91
Niva	2593	1748	4038	1895	960	4343	7060	4527	88
Elsie	2315	1750	4424	1924	1180	3973	6665	4446	87
Takena	2763	1934	3645	1922	1134	3524	7095	4403	86
Lidacta	2124	1415	3623	1904	802	3822	6347	4007	78
<b>Mean</b>	<b>2573</b>	<b>1706</b>	<b>4096</b>	<b>1930</b>	<b>1454</b>	<b>4094</b>	<b>6993</b>	<b>4569</b>	
<b>CV</b>	<b>20</b>	<b>23</b>	<b>18</b>	<b>15</b>	<b>43</b>	<b>14</b>	<b>11</b>	<b>10</b>	
<b>LSD</b>	<b>NSD</b>	<b>284</b>	<b>NSD</b>	<b>NSD</b>	<b>361</b>	<b>NSD</b>	<b>986</b>	<b>564</b>	
<b>BROMEGRASS</b>									
<b>Carlton</b>	<b>2802</b>	<b>1498</b>	<b>4821</b>	<b>1901</b>	<b>3990</b>	<b>4241</b>	<b>6832</b>	<b>5217</b>	<b>100</b>
<b>MB15</b>	<b>2670</b>	<b>1186</b>	<b>6749</b>	<b>1436</b>	<b>3244</b>	<b>4012</b>	<b>6634</b>	<b>5186</b>	<b>99</b>
<b>Peak</b>	<b>2348</b>	<b>917</b>	<b>5455</b>	<b>1451</b>	<b>3252</b>	<b>5018</b>	<b>7182</b>	<b>5125</b>	<b>98</b>
<b>Mean</b>	<b>2607</b>	<b>1200</b>	<b>5675</b>	<b>1596</b>	<b>3496</b>	<b>4424</b>	<b>6883</b>	<b>5176</b>	
<b>CV</b>	<b>19</b>	<b>24</b>	<b>20</b>	<b>24</b>	<b>18</b>	<b>20</b>	<b>15</b>	<b>10</b>	
<b>LSD</b>	<b>NSD</b>	<b>214</b>	<b>838</b>	<b>NSD</b>	<b>NSD</b>	<b>NSD</b>	<b>NSD</b>	<b>NSD</b>	
<b>TALL FESCUE</b>									
<b>Courtenay</b>	<b>3505</b>	<b>2389</b>	<b>5548</b>	<b>1722</b>	<b>1568</b>	<b>4211</b>	<b>8043</b>	<b>5397</b>	<b>100</b>
<b>Carnival</b>	<b>3563</b>	<b>2173</b>	<b>5363</b>	<b>1908</b>	<b>1536</b>	<b>3998</b>	<b>7769</b>	<b>5262</b>	<b>97</b>
<b>Martin II</b>	<b>1377</b>	<b>1368</b>	<b>5072</b>	<b>1435</b>	<b>1700</b>	<b>3420</b>	<b>5824</b>	<b>4039</b>	<b>75</b>
<b>Bariane</b>	<b>2352</b>	<b>1166</b>	<b>4987</b>	<b>1827</b>	<b>1360</b>	<b>1980</b>	<b>5076</b>	<b>3750</b>	<b>69</b>
<b>EA 79</b>	<b>1670</b>	<b>1277</b>	<b>4810</b>	<b>1310</b>	<b>1489</b>	<b>2770</b>	<b>5890</b>	<b>3843</b>	<b>71</b>
<b>Hoedown</b>	<b>1440</b>	<b>1360</b>	<b>4199</b>	<b>1372</b>	<b>1182</b>	<b>2706</b>	<b>5442</b>	<b>3540</b>	<b>66</b>
<b>Mean</b>	<b>2318</b>	<b>1622</b>	<b>4997</b>	<b>1596</b>	<b>1472</b>	<b>3181</b>	<b>6340</b>	<b>4305</b>	
<b>CV</b>	<b>52</b>	<b>33</b>	<b>14</b>	<b>25</b>	<b>27</b>	<b>33</b>	<b>22</b>	<b>19</b>	
<b>LSD</b>	<b>840</b>	<b>365</b>	<b>NSD</b>	<b>445</b>	<b>NSD</b>	<b>1108</b>	<b>1186</b>	<b>531</b>	

CV = Coefficient of variation

LSD = Least significant difference

NSD = F tests indicate no significant differences between cultivar/variety yields at alpha = 0.05

The check varieties are Climax for timothy; Kay for orchardgrass; Carlton for bromegrass; and Courtenay for tall fescue. Variety yields greater than the check variety yield plus the least-significant-difference (LSD) are reported as outperforming the check varieties. When the LSD value is labelled "NSD", all yield differences not considered significant and no variety is reported as outperforming the check varieties.