

2004 - 2007 Grass Harvest - Fort Fraser									
VARIETY	DM Yield In kg/ha							4 Yr Avg	% of check
	2004 Cut 1 Jun-23	2004 Cut 2 Aug-26	2005 Cut 1 Jun-20	2005 Cut 2 Sep-05	2006 Cut 1 Jun-27	2007 Cut 1 Jul-05			
<b>TIMOTHY</b>									
Talon	3113	900	5815	2025	3570	5540	5241	105	
Timpro	3293	738	6049	1672	3633	5465	5213	104	
Titan	3902	593	5536	1498	3164	5596	5073	101	
<b>Climax</b>	<b>4047</b>	<b>623</b>	<b>5383</b>	<b>1490</b>	<b>3066</b>	<b>5416</b>	<b>5006</b>	<b>100</b>	
LMR 72	4033	613	5798	953	3278	5248	4981	99	
Promesse	4008	498	5793	1050	2868	4988	4801	96	
SBT 9501	3047	748	5832	1453	3296	3906	4570	91	
Barnee	2645	544	4601	1153	1609	3679	3558	71	
<b>Mean</b>	<b>3511</b>	<b>657</b>	<b>5601</b>	<b>1412</b>	<b>3061</b>	<b>4980</b>	<b>4805</b>		
<b>CV</b>	<b>32</b>	<b>46</b>	<b>10</b>	<b>38</b>	<b>27</b>	<b>24</b>	<b>18</b>		
<b>LSD</b>	<b>676</b>	<b>NSD</b>	<b>363</b>	<b>565</b>	<b>463</b>	<b>937</b>	<b>529</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>4543</b>	<b>100</b>	
Early Arctic	2549	1524	4440	1671	2027	4542	4188	92	
Okay	2630	1629	3778	2046	2039	4170	4073	90	
Niva	2593	1748	4038	1895	960	4343	3894	86	
Elsie	2315	1750	4424	1924	1180	3973	3892	86	
Takena	2763	1934	3645	1922	1134	3524	3731	82	
Lidacta	2124	1415	3623	1904	802	3822	3423	75	
<b>Mean</b>	<b>2573</b>	<b>1706</b>	<b>4096</b>	<b>1930</b>	<b>1454</b>	<b>4094</b>	<b>3963</b>		
<b>CV</b>	<b>20</b>	<b>23</b>	<b>18</b>	<b>15</b>	<b>43</b>	<b>14</b>	<b>12</b>		
<b>LSD</b>	<b>NSD</b>	<b>284</b>	<b>NSD</b>	<b>NSD</b>	<b>361</b>	<b>NSD</b>	<b>348</b>		
<b>BROMEGRASS</b>									
MB15	2670	1186	6749	1436	3244	4012	4825	100	
<b>Carlton</b>	<b>2802</b>	<b>1498</b>	<b>4821</b>	<b>1901</b>	<b>3990</b>	<b>4241</b>	<b>4813</b>	<b>100</b>	
Peak	2348	917	5455	1451	3252	5018	4611	96	
<b>Mean</b>	<b>2607</b>	<b>1200</b>	<b>5675</b>	<b>1596</b>	<b>3496</b>	<b>4424</b>	<b>4749</b>		
<b>CV</b>	<b>19</b>	<b>24</b>	<b>20</b>	<b>24</b>	<b>18</b>	<b>20</b>	<b>11</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>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>4736</b>	<b>100</b>	
Carnival	3563	2173	5363	1908	1536	3998	4635	98	
Martin II	1377	1368	5072	1435	1700	3420	3593	76	
Bariane	2352	1166	4987	1827	1360	1980	3418	72	
EA 79	1670	1277	4810	1310	1489	2770	3331	70	
Hoedown	1440	1360	4199	1372	1182	2706	3065	65	
<b>Mean</b>	<b>2318</b>	<b>1622</b>	<b>4997</b>	<b>1596</b>	<b>1472</b>	<b>3181</b>	<b>3796</b>		
<b>CV</b>	<b>52</b>	<b>33</b>	<b>14</b>	<b>25</b>	<b>27</b>	<b>33</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>457</b>		

CV = Coefficient of variation

LSD = Least significant difference

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

Variety yields greater than the check variety yield plus the least-significant-difference (LSD) are reported as outperforming the check varieties in the summary.

When the LSD value is labelled "NSD", all yield differences are not considered significant and no variety is reported as outperforming the check variety

The check varieties are Climax for timothy; Kay for orchardgrass; Carlton for bromegrass; and Courtenay for tall fescue.

2005 - 2007 Grass Harvest - Mapes						
VARIETY	DM Yield (kg/ha)					% of check
	2005 Cut 1 Jun-22	2005 Cut 2 Aug-25	2006 Cut 1 Jun-26	2007 Cut 1 Jul-12	3 Yr Average	
<b>TIMOTHY</b>						
LMR 72	4110	2920	4565	3880	5159	103
Express	3274	3695	4422	3766	5053	100
Titan	3513	3578	4139	3875	5035	100
<b>Climax</b>	<b>3804</b>	<b>3267</b>	<b>3834</b>	<b>4186</b>	<b>5030</b>	<b>100</b>
Timpro	3780	3339	4328	3545	4998	99
Promesse	4082	2652	4087	3677	4833	96
SBT 9501	2972	4055	4013	3394	4811	96
Talon	3053	3674	4076	3337	4713	94
Barnee	2834	3380	3258	3683	4385	87
<b>Mean</b>	<b>3492</b>	<b>3396</b>	<b>4080</b>	<b>3705</b>	<b>4891</b>	
<b>CV</b>	<b>18</b>	<b>31</b>	<b>12</b>	<b>15</b>	<b>11</b>	
<b>LSD</b>	<b>672</b>	<b>792</b>	<b>517</b>	<b>NSD</b>	<b>NSD</b>	
<b>ORCHARDGRASS</b>						
<b>Kay</b>	<b>4278</b>	<b>3925</b>	<b>3268</b>	<b>2501</b>	<b>4658</b>	<b>100</b>
Early Arctic	4491	3301	3748	2344	4628	99
Okay	3864	3795	3075	2502	4412	95
Takena	3580	4160	2391	2089	4073	87
Lidacta	3046	3899	2569	2053	3856	83
Elsie	3361	3675	2309	2160	3835	82
Niva	2972	3604	1942	2147	3555	76
<b>Mean</b>	<b>3656</b>	<b>3766</b>	<b>2758</b>	<b>2256</b>	<b>4145</b>	
<b>CV</b>	<b>21</b>	<b>13</b>	<b>29</b>	<b>19</b>	<b>13</b>	
<b>LSD</b>	<b>NSD</b>	<b>NSD</b>	<b>817</b>	<b>NSD</b>	<b>619</b>	
<b>BROMEGRASS</b>						
<b>Carlton</b>	<b>3524</b>	<b>3705</b>	<b>4718</b>	<b>2377</b>	<b>4775</b>	<b>100</b>
MB 15	3918	3017	4811	2929	4892	102
Peak	3289	3261	4271	2759	4527	95
<b>Mean</b>	<b>3577</b>	<b>3328</b>	<b>4600</b>	<b>2688</b>	<b>4731</b>	
<b>CV</b>	<b>21</b>	<b>15</b>	<b>13</b>	<b>16</b>	<b>10</b>	
<b>LSD</b>	<b>NSD</b>	<b>326</b>	<b>NSD</b>	<b>NSD</b>	<b>NSD</b>	
<b>TALL FESCUE</b>						
Carnival	6192	3215	4066	2529	5334	110
<b>Courtenay</b>	<b>5203</b>	<b>2912</b>	<b>3922</b>	<b>2539</b>	<b>4859</b>	<b>100</b>
Bariane	3673	2348	2988	1712	3574	74
Martin II	2708	1862	3433	2234	3412	70
Hoedown	2579	2083	2610	1806	3026	62
EA 79	2721	1781	2709	1843	3018	62
<b>Mean</b>	<b>3846</b>	<b>2367</b>	<b>3288</b>	<b>2110</b>	<b>3870</b>	
<b>CV</b>	<b>42</b>	<b>25</b>	<b>23</b>	<b>26</b>	<b>25</b>	
<b>LSD</b>	<b>918</b>	<b>366</b>	<b>528</b>	<b>618</b>	<b>500</b>	

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