



BCFC - Highway 16 (Fort Fraser) 2008-2010
New Variety Trials
DM YIELD kg/ha
2009 & 2010



ALFALFA-GRASS BLEND			
	2009	2010	2 YEAR TOTAL
Blend: Various alfalfa with Kay Orchardgrass & Carleton Brome	Yield (kg/ha)		
2065 MS	2575	4800	7375
Phabulous	2511	4754	7264
Peace	2429	4563	6991
Leader	2534	4324	6857
Tophand	2366	4417	6782
AC Cariboo	2131	4183	6314
Magnum Wet	2272	3425	5697
Mean	2403	4352	6755
CV	21	21	19
LSD	NSD	1345	NSD

NEW GRASS VARIETIES 2009*	
Variety	kg/ha
AC Knowles Bromegrass(new)	1710
Carlton bromegrass (check)	1235
Mean	1472
CV	25
LSD	NSD
Crown Royal Orchardgrass (new)	2244
Kay Orchardgrass (check)	1741
Mean	1992
CV	43
LSD	NSD

NON-BLOAT LEGUMES 2009*	
Variety	kg/ha
AC Grazeland (low bloat alfalfa)	1442
Sanfoin 3901	500
Sanfoin 3902	638
Trefoil, Bull	383
Mean	765
CV	24
1 missing value, therefore no LSD.	

* 2009 data only

CV = Coefficient of Variation

LSD = Least significant difference

NSD = F tests indicate that there were no significant differences between variety yields at alpha = 0.05.

When the LSD value is labelled "NSD", all yield differences are not considered significant

1 kg/hectare = 0.00044609 tons/acre