

2004 - 2007 Cereal Silage Harvest - Fort Fraser						
VARIETY	DM Yield in kg/ha					% of check
	2004 Aug 9	2005 Aug 12	2006 Aug 4	2007 Aug 10	4 Year Average	
BARLEY						
Seebe	4962	7320	2735	4769	4946	112
Ponoka	5129	6936	2780	4851	4924	112
CDC Cowboy	4390	6577	2306	6326	4900	111
Helgasen	4274	7689	2221	4385	4642	105
Manny	4779	6725	2025	4430	4490	102
Vivar	4308	7136	2669	3614	4432	100
AC Lacombe	4990	6629	2114	3907	4410	100
Xena	4195	5948	2528	4809	4370	99
CDC Bold	3885	5993	2396	4611	4221	96
CDC Dolly	3882	5588	2109	4542	4030	91
Trochu	4076	6427	1608	3657	3942	89
Dillon	4242	5569	1958	NG	NA	
FB 006	NG	6298	NG	NG	NA	
FB 012	NG	NG	2336	4916	NA	
FB 013	NG	NG	2339	NG	NA	
FB 414	NG	NG	2681	5217	NA	
FB 416	NG	NG	1867	NG	NA	
Niska	4959	NG	NG	NG	NA	
Westford	4582	6455	1721	NG	NA	
Mean	4475	6521	2285	4618	4483	
CV	16	14	25	20	11	
LSD	794	985	690	1048	454	
Mixes of BARLEY and other species (2007)						
Ponoka & Derby oats						5075
Manny & Annual rye						4916
Xena & Annual rye						4898
AC Lacombe & Derby oats						4548
Mean						4859
CV						12
LSD						NSD
TRITICALE (2007)						
Pronghorn						5186
Bunker						4192
Tyndal						3701
Mean						4360
CV						18
LSD						NSD

Note: Maple and Parade peas were grown in mixtures with Ponoka barley in 2006, but produced little pea growth due to drought conditions.

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

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

AC Lacombe was used as the barley check variety.

2004 - 2007 Cereal Silage Harvest - Francois Lake						
VARIETY	DM Yield in kg/ha					% of check
	2004 Aug 11	2005 Aug 17	2006 Aug 3	2007 Sept. 4	4 Year Average	
BARLEY						
Ponoka	7491	10,468	3345	7648	7238	139
CDC Cowboy	7604	9067	3636	7883	7047	135
Seebe	7872	8409	2906	8186	6843	131
Helgasen	7467	8790	2419	7220	6474	124
Xena	7236	7324	2619	6964	6036	116
CDC Dolly	7656	7122	2513	6349	5910	113
Manny	6849	7979	2575	5855	5814	112
CDC Bold	6552	7374	2553	6591	5768	111
Vivar	6793	6749	2325	5477	5336	102
AC Lacombe	7145	6467	2107	5117	5209	100
Trochu	6415	6814	2500	4975	5176	99
Dillon	6181	6235	2254	NG	NA	
FB 006	NG	7961	NG	NG	NA	
FB 012	NG	NG	2350	6295	NA	
FB 013	NG	NG	2752	NG	NA	
FB 414	NG	NG	2886	8101	NA	
FB 416	NG	NG	2627	NG	NA	
Niska	6588	NG	NG	NG	NA	
Westford	6150	6139	2070	NG	NA	
Mean	7000	7636	2651	6666	6077	
CV	11	20	22	17	13	
LSD	670	1570	530	650	445	
Mixes of BARLEY and other species (2007)						
Ponoka & Derby oats						8219
Xena & Annual rye						6614
Manny & Annual rye						6595
AC Lacombe & Derby oats						6482
Mean						6978
CV						13
LSD						785
TRITICALE (2007)						
Pronghorn						7432
Tyndal						6665
Bunker						6656
Mean						6918
CV						10
LSD						NSD

Note: Maple and Parade peas were grown in mixtures with Ponoka barley in 2006, but produced little pea growth due to drought conditions.

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

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

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AC Lacombe was used as the barley check variety.