

**Alberta
Agriculture & Food**

**Saskatchewan
Agriculture & Food**

**Manitoba Agriculture,
Food and Rural Initiative**

**WFTEST:
The Western Forage
Testing System
Report
2012**



**Agriculture and
Agri-Food Canada**

**Canadian
Seed Trade Association**

*** Please Note ***

Some trials in this report have been tested for shorter periods of time than others. It is advised not to use either average yield figures and/or percent of check values to make cultivar comparisons for single-year data. Only after a **minimum** of three years of testing should data be considered as 90% reliable. In some cases, data may not be reported due to extreme variations that cannot be accounted for in the statistical design.

Statistical information for this report was generated through an Analysis of Variation (ANOVA). Least significant difference (LSD) values are presented at the bottom of each table. If the difference in treatment values is less than the LSD value, the treatments are not considered to be significantly different.

Disclaimer

Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement is implied.

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WFTEST: The Western Forage Testing System

1. **Introduction**

The Western Forage Testing System (WFTEST) was developed in 1994 to coordinate the testing for registration and performance of forage cultivars across Alberta, Saskatchewan and Manitoba.

The goals of this system are:

- . To streamline and coordinate the registration and performance evaluation process. The tests will provide sufficient data for simultaneous consideration for registration and/or performance listings in Alberta, Saskatchewan and Manitoba.
- . To share the responsibility for forage testing among provinces, the federal government and the seed trade.
- . To encourage as much data collection as possible and to ensure that the tests are uniform and the sites are inspected.

2. **Procedure for Entering Cultivars**

2.1 **Number of Cultivars**

The maximum number of entries to be tested per species per year is 25, including check varieties. If there are too many entries in a given year, only three entries per applicant will be accepted.

2.2 **Deadline for Application**

The WFTest Coordinator must receive application forms by February 15 of the seeding year. Two kilograms of seed for each entry are required and must be received by March 15. Invoices will be sent once the test has been finalized. The WFTest Coordinator contact information can be found on page 5.

2.3 **Application Form**

An application form is attached in the appendix.

2.4 **Fees**

The fee for all 12 sites is \$900/entry/year (\$75/entry/location). Companies will be invoiced annually for each year of the test (establishment year plus three harvest years). If reseeding is required at any site, companies will not be invoiced for those sites in the year of reseeding. There will be flexibility in the core sites to accommodate species adaptability – for example, red clover or timothy would not necessarily be tested at sites in Area 1 (brown) or Area 2 (dark brown) agro-climatic zones and fees would be adjusted accordingly.

3.2 Seeding Schedules

Species trials will be seeded annually if sufficient entries are received. Tests that fail to establish will be reseeded in the following year. Annual and Italian ryegrasses will undergo two successive seedings.

3.3 Experimental Design and Plot Management

Tests will be seeded in a randomized complete block design with a minimum of four replicates, a suggested minimum plot size of 6 m x 1 m and a suggested minimum harvest area of 5 sq. m. Sites will be managed according to the recommended practices for forage management in the region. The seeding rates will be based on provincial recommendations and will be calculated on a pure live seeds/meter of row.

3.4 Check Varieties

The following list is subject to approval by provincial forage testing committees:

- ◆ Alfalfa: Beaver, AC Blue J, Rambler, Rangelander
- ◆ Birdsfoot trefoil: Leo
- ◆ Cicer milkvetch: Oxley
- ◆ Alsike clover: Aurora
- ◆ Red clover: Altaswede
- ◆ Sainfoin: Nova
- ◆ Yellow Sweetclover: Norgold
- ◆ White clover: California Ladino
- ◆ Smooth brome grass: Carlton
- ◆ Meadow brome grass: Fleet
- ◆ Creeping red fescue: Boreal
- ◆ Meadow fescue: Mimer
- ◆ Tall fescue: Courtenay
- ◆ Kentucky bluegrass: Troy
- ◆ Orchard grass: Kay
- ◆ Altai wildrye: Prairieland
- ◆ Russian wildrye: Swift
- ◆ Timothy: Climax
- ◆ Crested wheatgrass: Kirk
- ◆ Intermediate/Pubescent wheatgrass: Chief
- ◆ Northern wheatgrass: Elbee
- ◆ Slender wheatgrass: Revenue
- ◆ Streambank wheatgrass: Sodar
- ◆ Tall wheatgrass: Orbit
- ◆ Western wheatgrass: Walsh
- ◆ Perennial ryegrass: Norlea
- ◆ Westerwolds annual ryegrass: Aubade
- ◆ Italian ryegrass: Maris Ledger

The committee will update check varieties as necessary. However, data for a given entry will be compared to the same check throughout its evaluation.

4. **Site Inspection**

Members of the provincial forage cultivar registration subcommittees will visit all sites before the first harvest each year. Visits will be organized by WFTest members in each province and information reported immediately to the WFTest coordinator. Tests will be rated as: a) accepted, b) conditionally accepted (e.g. certain plots or replicates may not be harvested), or c) rejected.

5. **Data Collection**

Forage harvests will be made for legumes at the beginning of bloom and for grasses at full heading. Forage yield data will be reported on a dry matter basis in kg/ha. The number of harvests will be determined by growth conditions at the test location. No harvests will be taken during a fall rest period, the dates of which will correspond to local climatic conditions.

Perennial species will be harvested for a minimum of three successive years, annual and biennial species will be harvested for a minimum of two successive years. All trial data will be reported.

6. **Data Management**

Each province will be responsible for their trial data management and statistical analysis. Provincial representatives will annually forward trial data for entries eligible for registration to industry participants before provincial advisory committee meetings. Summarized data will be forwarded to the WFTest coordinator. Committee members and industry participants will receive a compiled annual report.

7. **Provincial Contacts**

For information on varietal data contact the respective provincial representative:

Alberta

Doug Friebel
Agriculture and Agri-Food Canada
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P.O. Box 3000 Main
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Western Forage Testing Coordinating Committee

<p>Dr. Surya Acharya Agriculture & Agri-Food Canada 5403 1st Ave. S. Box 3000 Main LETHBRIDGE, AB T1J 4B1 Phone: 403-317-2277 Fax: 403-382-3156 e-mail: acharya@agr.gc.ca</p>	<p>Doug Friebel Agriculture & Agri-Food Canada 5403 1st Ave. S. Box 3000 Main LETHBRIDGE, AB T1J 4B1 Phone: 403-317-2151 ext 4227 Fax: 403-382-3156 e-mail: doug.friebel@agr.gc.ca</p>
<p>Kerby Lowen Brett-Young Seeds Ltd. RR #4 Corner of Hwy 60 & Hwy 39 CALMAR, AB T0C 0V0 Phone: 780-985-7303 Fax: 780-985-8580 e-mail: kerby.lowen@brettyoung.ca</p>	<p>Dr. Bruce Coulman Department of Plant Science University of Saskatchewan 51 Campus Drive SASKATOON, SK S7N 5A8 Phone: 306-966-1387 Fax: 306-966-5015 e-mail: bruce.coulman@usask.ca</p>
<p>Glen Friesen Manitoba Agriculture, Food and Rural Initiative Box 1149 CARMEN, MB R0G 0J0 Phone: 204-745-5672 Fax: 204-745-5690 e-mail: Glenn.friesen@gov.mb.ca</p>	<p>Dorothy Murrell Crop Development Centre Department of Plant Science University of Saskatchewan 51 Campus Drive SASKATOON, SK S7N 5A8 Phone: 306-966-8195 Fax: 306-966-5015 e-mail: dorothy.murrell@usask.ca</p>

Species and Origin of Entries in WFTesting System

Alfalfa 2009

1.	Radiant HD	Ampac
2.	Rugged (TS-3025)	Target Seed
3.	TS-4002	Target Seed
4.	NS09-ST01	Northstar Seed
5.	NS09-MF01	Northstar Seed
6.	VT 09001	Viterra / Proven Seed
7.	VT 09002	Viterra / Proven Seed
8.	VT 09003	Viterra / Proven Seed
9.	PF 09010	Viterra / Proven Seed
10.	PC 09050	Viterra / Proven Seed
11.	PC 09051	Viterra / Proven Seed
12.	PC 09070	Viterra / Proven Seed
13.	PC 09080	Viterra / Proven Seed
14.	PC 09081	Viterra / Proven Seed
15.	PC 09082	Viterra / Proven Seed
16.	VC 09101	Viterra / Proven Seed
17.	VC 09102	Viterra / Proven Seed
18.	L 333HD	Legacy Seed
19.	Beaver	Check
20.	AC Blue J	Check
21.	Rambler	Check
22.	Rangelander	Check

Red Clover 2009

1.	Starfire II	Ampac
2.	Altaswede	Check

Orchardgrass 2009

1.	NS09-OG-01	Northstar Seed
2.	OG426	AAFC - Lethbridge
3.	96 OG-2	AAFC - Lethbridge
2.	Kay	Check

Sainfoin 2009

1.	LRC05-3900	AAFC – Lethbridge
2.	LRC05-3901	AAFC – Lethbridge
3.	LRC05-3902	AAFC – Lethbridge
4.	Nova	Check

Alfalfa 2011

1.	AC® Manitou	SeCan
2.	AC® Totem	SeCan
3.	AT05	AAFC – Lethbridge
4.	LRC07 4151L	AAFC – Lethbridge
5.	SC A101	AAFC – Lethbridge
6.	Beaver	Check
7.	AC Blue J	Check
8.	Rambler	Check
9.	Rangelander	Check

Cicer 2011

1.	LRC00-04-06	AAFC – Lethbridge
2.	LRC0405	AAFC – Lethbridge
3.	LRC04-4051	AAFC – Lethbridge
4.	Oxley	Check

Hybrid Brome 2011

1.	S94788	U of Saskatoon
2.	AC Knowles	Check

Meadow Brome 2011

1.	S9522	U of Saskatoon
2.	Fleet	Check

Orchardgrass 2011

1.	OG426	AAFC – Lethbridge
2.	RAD-LCF23	Columbia Seeds
3.	Kay	Check

Red Clover 2011

1.	Brandon Dwarf	AAFC – Brandon
2.	Atlaswede	Check

Sainfoin 2011

1.	LRC3432	AAFC – Lethbridge
2.	LRC3519	AAFC – Lethbridge
3.	LRC3901	AAFC – Lethbridge
4.	Nova	Check

Tall Fescue 2011

1. Swaj
2. Courtenay

Brett Young
Check

Timothy 2011

1. AC® Pratt
2. ST1
3. Climax

SeCan
U of Saskatoon
Check

2009 WFT Alfalfa, Fort Kent AB, Area - 4

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 17/Jul	Cut 2	Cut 3		
NS09-MF01	3013	.	.	3013	110
PC 09051	2973	.	.	2973	109
AC Blue J	2921	.	.	2921	107
Rangelander	2876	.	.	2876	105
NS09-ST01	2851	.	.	2851	104
PC 09082	2851	.	.	2851	104
L333HD	2802	.	.	2802	102
TS-3025	2796	.	.	2796	102
VT 09003	2746	.	.	2746	100
VT 09001	2738	.	.	2738	100
Beaver	2736	.	.	2736	100
Radiant HD	2717	.	.	2717	99
VC 09102	2698	.	.	2698	99
PC 09081	2682	.	.	2682	98
VC 09101	2676	.	.	2676	98
Rambler	2550	.	.	2550	93
PC 09050	2475	.	.	2475	90
TS-4002	2403	.	.	2403	88
PC 09080	2386	.	.	2386	87
VT 09002	2321	.	.	2321	85
PF 09010	2270	.	.	2270	83
PC 09070	2203	.	.	2203	81
mean	2667	.	.	2667	97
CV (%)	13.43	.	.	13.43	
LSD (0.05)	506	.	.	506	

2009 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 9/Jul	Cut 2 13/Aug	Cut 3 .		
PC 09080	6493	4391	.	10884	114
VC 09102	6009	4509	.	10518	110
AC Blue J	6101	4313	.	10414	109
VT 09001	5801	4504	.	10305	108
Rambler	6085	4105	.	10190	107
TS-3025	6218	3970	.	10188	107
L333HD	5768	4209	.	9977	105
TS-4002	6226	3746	.	9972	105
VT 09003	5951	3981	.	9932	104
PC 09081	6085	3791	.	9876	104
NS09-MF01	5734	3998	.	9732	102
VT 09002	5951	3729	.	9680	102
PF 09010	5718	3892	.	9610	101
VC 09101	5626	3942	.	9568	100
Beaver	5709	3819	.	9528	100
NS09-ST01	5851	3622	.	9473	99
PC 09051	5259	4077	.	9336	98
PC 09082	5718	3527	.	9245	97
PC 09050	5443	3740	.	9183	96
Radiant HD	5193	3712	.	8905	93
PC 09070	5209	3403	.	8612	90
Rangelander	5859	2735	.	8594	90
mean	5819	3896	.	9715	102
CV (%)	10.96	16.60	.	10.89	
LSD (0.05)	802	814	.	1455	

2009 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 29/Jun	Cut 2 30/Aug	Cut 3 .		
VC 09101	5411	7293	.	12704	112
Rangelander	5790	6119	.	11909	105
AC Blue J	5039	6751	.	11790	104
VT 09003	5346	6382	.	11728	103
TS-3025	5437	6288	.	11725	103
VT 09001	5051	6366	.	11417	100
Beaver	5105	6273	.	11378	100
VC 09102	5567	5741	.	11308	99
Radiant III	4995	6302	.	11297	99
NS09-MF01	5113	6151	.	11264	99
Rambler	5640	5621	.	11261	99
NS09-ST01	4876	6331	.	11207	98
L333HD	5165	5997	.	11162	98
VT 09002	4256	6727	.	10983	97
TS-4002	4655	6206	.	10861	95
PC 09082	4418	6248	.	10666	94
PF 09010	5211	5410	.	10621	93
PC 09051	4972	5374	.	10346	91
PC 09081	4537	5776	.	10313	91
PC 09080	4382	5875	.	10257	90
PC 09070	4036	6059	.	10095	89
PC 09050	4740	5293	.	10033	88
mean	4988	6117	.	11106	98
CV (%)	12.80	13.40	.	10.40	
LSD (0.05)	908	1160	.	1635	

2009 WFT Alfalfa, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 3/Jul	Cut 2 31/Jul	Cut 3 18/Sep		
PC 09050	6847	3959	2440	13246	167
PC 09051	6213	3886	2660	12759	161
TS-3025	6254	3490	2694	12438	157
VT 09001	5992	3942	2217	12151	153
PF 09010	6171	3687	2181	12039	152
PC 09081	6201	3628	2118	11947	150
NS09-MF01	5880	3760	2173	11813	149
AC Blue J	5973	3627	2009	11609	146
VC 09101	5724	3756	2083	11563	146
VC 09102	5787	3764	2012	11563	146
NS09-ST01	5558	3534	2283	11375	143
L333HD	5514	3447	2048	11009	139
PC 09080	5325	3490	2078	10893	137
PC 09082	5123	3335	2185	10643	134
VT 09002	5270	3390	1978	10638	134
Radiant HD	5373	3209	1899	10481	132
PC 09070	4960	2982	2023	9965	126
VT 09003	5168	3221	1419	9808	124
TS-4002	4475	2627	1993	9095	115
Beaver	4686	2571	683	7940	100
Rangelander	3927	2111	661	6699	84
Rambler	4079	1962	416	6457	81
mean	5477	3335	1921	10733	135
CV (%)	10.90	10.90	20.30	10.70	
LSD (0.05)	845	518	552	1623	

2009 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
NS09-MF01	.	.	.	.	.
NS09-ST01	.	.	.	.	.
Rambler	6096	.	.	6096	111
Rangelander	5969	.	.	5969	109
PC 09080	5697	.	.	5697	104
PF 09010	5611	.	.	5611	102
VT 09003	5514	.	.	5514	101
Beaver	5486	.	.	5486	100
TS-4002	5430	.	.	5430	99
AC Blue J	5333	.	.	5333	97
TS-3025	5279	.	.	5279	96
PC 09051	5272	.	.	5272	96
L333HD	5270	.	.	5270	96
VC 09101	5188	.	.	5188	95
VC 09102	5176	.	.	5176	94
PC 09081	5146	.	.	5146	94
Radiant HD	5126	.	.	5126	93
PC 09082	5109	.	.	5109	93
PC 09070	5104	.	.	5104	93
VT 09001	5024	.	.	5024	92
PC 09050	4654	.	.	4654	85
VT 09002	4409	.	.	4409	80
mean	5235	.	.	5295	97
CV (%)	7.90	.	.	7.90	
LSD (0.05)	590	.	.	590	

2009 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 9/Jul	Cut 2 16/Aug	Cut 3 .		
AC Blue J	6416	4621	.	11037	114
VC 09102	5859	4118	.	9977	103
Rambler	5691	4199	.	9890	102
Beaver	5181	4543	.	9724	100
Rangelander	5847	3830	.	9677	100
L333HD	5001	4638	.	9639	99
PC 09082	4884	4629	.	9513	98
PC 09081	4440	4811	.	9251	95
PC 09051	4814	4313	.	9127	94
VC 09101	4891	4139	.	9030	93
VT 09003	4798	4157	.	8955	92
VT 09001	4416	4449	.	8865	91
PF 09010	4732	3990	.	8722	90
Radiant HD	4366	4278	.	8644	89
NS09-MF01	3831	4792	.	8623	89
PC 09050	4179	4155	.	8334	86
NS09-ST01	4166	4135	.	8301	85
PC 09080	3956	4216	.	8172	84
TS-3025	4051	4026	.	8077	83
TS-4002	4308	3387	.	7695	79
VT 09002	3784	3733	.	7517	77
PC 09070	3132	3846	.	6978	72
mean	4670	4228	.	8898	92
CV (%)	21.40	10.00	.	12.90	
LSD (0.05)	1417	598	.	1624	

2009 WFT Alfalfa, Arborg MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
PC 09082	4308	4242	.	8550	101
Beaver	4176	4260	.	8436	100
VT 09001	3805	4556	.	8361	99
VT 09003	4133	4164	.	8297	98
AC Blue J	4033	4243	.	8276	98
NS09-ST01	3970	4274	.	8244	98
Rangelander	4113	4111	.	8224	97
PC 09051	3875	4260	.	8135	96
VT 09002	3671	4437	.	8108	96
NS09-MF01	3777	4305	.	8082	96
Radiant HD	3685	4311	.	7996	95
PC 09050	3611	4370	.	7981	95
PC 09081	3710	4186	.	7896	94
TS-4002	3501	4334	.	7835	93
PC 09080	3847	3987	.	7834	93
TS-3025	3550	3952	.	7502	89
VC 09102	3134	4243	.	7377	87
L333HD	3471	3868	.	7339	87
VC 09101	3120	4138	.	7258	86
Rambler	3717	3519	.	7236	86
PC 09070	3122	3719	.	6841	81
PF 09010	2966	3573	.	6539	78
mean	3695	4139	.	7834	93
CV (%)	13.16	10.91	.	9.49	
LSD (0.05)	684	635	.	1046	

2009 WFT Alfalfa, Carberry MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
NS09-MF01	.	.	.	.	.
NS09-ST01	.	.	.	.	.
VT 09003	3763	.	.	3763	102
TS-4002	3740	.	.	3740	101
VT 09002	3731	.	.	3731	101
Beaver	3703	.	.	3703	100
Rambler	3631	.	.	3631	98
TS-3025	3582	.	.	3582	97
PC 09082	3540	.	.	3540	96
AC Blue J	3524	.	.	3524	95
PC 09080	3491	.	.	3491	94
Rangelander	3448	.	.	3448	93
VT 09001	3445	.	.	3445	93
PC 09070	3413	.	.	3413	92
PC 09051	3391	.	.	3391	92
Radiant HD	3203	.	.	3203	86
PC 09050	3138	.	.	3138	85
L333HD	3030	.	.	3030	82
PC 09081	2946	.	.	2946	80
VC 09101	2946	.	.	2946	80
VC 09102	2808	.	.	2808	76
PF 09010	2649	.	.	2649	72
mean	3356	.	.	3356	91
CV (%)	12.38	.	.	12.38	
LSD (0.05)	687	.	.	687	

2009 WFT Alfalfa, Kelburn MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
L333HD	5880	.	.	5880	108
TS-3025	5626	.	.	5626	104
Rangelander	5542	.	.	5542	102
Beaver	5433	.	.	5433	100
VT 09001	5430	.	.	5430	100
PC 09070	5215	.	.	5215	96
PC 09082	5027	.	.	5027	93
Rambler	4886	.	.	4886	90
PF 09010	4878	.	.	4878	90
PC 09050	4835	.	.	4835	89
NS09-ST01	4716	.	.	4716	87
NS09-MF01	4667	.	.	4667	86
VT 09002	4648	.	.	4648	86
PC 09081	4577	.	.	4577	84
VT 09003	4556	.	.	4556	84
VC 09102	4538	.	.	4538	84
Radiant HD	4522	.	.	4522	83
TS-4002	4477	.	.	4477	82
VC 09101	4470	.	.	4470	82
AC Blue J	4443	.	.	4443	82
PC 09080	4401	.	.	4401	81
PC 09051	4196	.	.	4196	77
mean	4862	.	.	4862	88
CV (%)	26.56	.	.	26.56	
LSD (0.05)	1826	.	.	1826	

2009 WFT Orchardgrass, Fort Kent AB, Area - 4

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 17/Jul	Cut 2	Cut 3		
OG426	2538	.	.	2538	131
NS09-OG-01	2349	.	.	2349	121
Kay	1941	.	.	1941	100
96 OG-2	1398	.	.	1398	72
mean	2057	.	.	2057	106
CV (%)	16.98	.	.	16.98	
LSD (0.05)	559	.	.	559	

2009 WFT Orchardgrass, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 5/Jul	Cut 2	Cut 3		
NS09-OG-01	3225	.	.	3225	115
OG426	3178	.	.	3178	113
Kay	2810	.	.	2810	100
96 OG-2	2292	.	.	2292	82
mean	2876	.	.	2876	102
CV (%)	18.92	.	.	18.92	
LSD (0.05)	870	.	.	870	

2009 WFT Orchardgrass, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 30/Jul	Cut 2 24/Sep	Cut 3 .		
OG426	7031	3870	.	10901	122
Kay	5525	3396	.	8921	100
NS09-OG-01	5559	3002	.	8561	96
96 OG-2	4411	2961	.	7372	83
mean	5632	3307	.	8939	100
CV (%)	11.20	14.50	.	10.40	
LSD (0.05)	1015	771	.	1487	

2009 WFT Orchardgrass, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 29/Jun	Cut 2 16/Aug	Cut 3 .		
NS09-OG-01	2814	1250	.	4064	123
Kay	2142	1173	.	3315	100
OG426	2019	990	.	3009	91
96 OG-2	1892	711	.	2603	79
mean	2217	1031	.	3248	98
CV (%)	26.30	17.80	.	22.50	
LSD (0.05)	935	293	.	1170	

2009 WFT Orchardgrass, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 9/Jul	Cut 2	Cut 3		
OG426	5751	.	.	5751	129
NS09-OG-01	5709	.	.	5709	128
Kay	4473	.	.	4473	100
96 OG-2	3253	.	.	3253	73
mean	4797	.	.	4797	107
CV (%)	25.50	.	.	25.50	
LSD (0.05)	1964	.	.	1964	

2009 WFT Orchardgrass, Arborg MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1	Cut 2	Cut 3		
OG426	4288	.	.	4288	125
NS09-OG-01	3622	.	.	3622	105
Kay	3434	.	.	3434	100
96 OG-2	2397	.	.	2397	70
mean	3435	.	.	3435	100
CV (%)	18.91	.	.	18.91	
LSD (0.05)	1039	.	.	1039	

2009 WFT Orchardgrass, Rosebank MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 30/Jul	Cut 2	Cut 3		
96 OG-2	6439	.	.	6439	104
Kay	6173	.	.	6173	100
NS09-OG-01	5157	.	.	5157	84
OG426	5138	.	.	5138	83
mean	5727	.	.	5727	93
CV (%)	11.05	.	.	11.05	
LSD (0.05)	1012	.	.	1012	

2009 WFT Red Clover, Fort Kent AB, Area - 4

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 16/Aug	Cut 2	Cut 3		
Altaswede	3115	.	.	3115	100
Starfire	2225	.	.	2225	71
mean	2670	.	.	2670	86
CV (%)	12.65	.	.	12.65	
LSD (0.05)	760	.	.	760	

2009 WFT Red Clover, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 9/Jul	Cut 2 13/Aug	Cut 3		
Starfire	1987	1856	.	3843	117
Altaswede	1945	1350	.	3295	100
mean	1966	1603	.	3569	108
CV (%)	9.06	22.02	.	6.65	
LSD (0.05)	313	620	.	417	

2009 WFT Red Clover, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 7/Sep	Cut 2	Cut 3		
Altaswede	4055	.	.	4055	100
Starfire	3764	.	.	3764	93
mean	3910	.	.	3910	96
CV (%)	17.40	.	.	17.40	
LSD (0.05)	1536	.	.	1536	

2009 WFT Red Clover, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 29/Jun	Cut 2 8/Aug	Cut 3 19/Sep		
Starfire	4504	4116	2041	10661	113
Altaswede	5674	2229	1573	9476	100
mean	5089	3173	1807	10069	106
CV (%)	11.80	15.10	25.30	6.20	
LSD (0.05)	1356	1083	1029	1416	

2009 WFT Red Clover, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 9/Jul	Cut 2 16/Aug	Cut 3 .		
Altaswede	5237	1613	.	6850	100
Starfire	3870	2795	.	6665	97
mean	4554	2204	.	6758	99
CV (%)	6.20	16.10	.	8.20	
LSD (0.05)	641	799	.	1261	

2009 WFT Red Clover, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1	Cut 2	Cut 3		
Altaswede	2603	.	.	2603	100
Starfire	889	.	.	889	34
mean	1746	.	.	1746	67
CV (%)	58.47	.	.	58.47	
LSD (0.05)	4216	.	.	4216	

2009 WFT Red Clover, Arborg MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1	Cut 2	Cut 3		
Altaswede	3295	.	.	3295	100
Starfire	2299	.	.	2299	70
mean	2797	.	.	2797	85
CV (%)	30.25	.	.	30.25	
LSD (0.05)	1904	.	.	1904	

2009 WFT Red Clover, Kelburn MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1	Cut 2	Cut 3		
Altaswede	4076	.	.	4076	100
Starfire	2859	.	.	2859	70
mean	3468	.	.	3468	85
CV (%)	18.81	.	.	18.81	
LSD (0.05)	1467	.	.	1467	

2009 WFT Sainfoin, Fort Kent AB, Area - 4

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Nova
	Cut 1 17/Jul	Cut 2	Cut 3		
Nova	2848	.	.	2848	100
LRC05-3901	2292	.	.	2292	80
LRC05-3902	1673	.	.	1673	59
LRC05-3900	2068	.	.	2068	73
mean	2220	.	.	2220	78
CV (%)	9.47	.	.	9.47	
LSD (0.05)	392	.	.	392	

2009 WFT Sainfoin, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Nova
	Cut 1 9/Jul	Cut 2 13/Aug	Cut 3		
LRC05-3902	5774	3949	.	9723	121
LRC05-3901	5635	3993	.	9628	120
LRC05-3900	5130	4206	.	9336	116
Nova	4472	3551	.	8023	100
mean	5253	3925	.	9178	114
CV (%)	12.60	11.28	.	9.92	
LSD (0.05)	912	610	.	1254	

2009 WFT Sainfoin, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 3/Jul	Cut 2 8/Aug	Cut 3 .		
Nova	5938	2823	.	8761	100
LRC05-3900	5006	2701	.	7707	88
LRC05-3901	4710	2762	.	7472	85
LRC05-3902	4634	2651	.	7285	83
mean	5072	2734	.	7806	89
CV (%)	12.10	9.70	.	9.10	
LSD (0.05)	980	426	.	1139	

2009 WFT Sainfoin, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 9/Jul	Cut 2 16/Aug	Cut 3 .		
Nova	6626	3705	.	10331	100
LRC05-3901	6447	3848	.	10295	100
LRC05-3900	5990	4008	.	9998	97
LRC05-3902	6378	3542	.	9920	96
mean	6360	3776	.	10136	98
CV (%)	19.10	20.20	.	15.30	
LSD (0.05)	1946	1225	.	2484	

2009 WFT Sainfoin, Arborg MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1	Cut 2	Cut 3		
Nova	1163	.	.	1163	100
LRC05-3902	1032	.	.	1032	89
LRC05-3900	645	.	.	645	55
LRC05-3901	321	.	.	321	28
mean	790	.	.	790	68
CV (%)	39.12	.	.	39.12	
LSD (0.05)	517	.	.	517	

2009 WFT Sainfoin, Kelburn MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1	Cut 2	Cut 3		
Nova	4831	.	.	4831	100
LRC05-3902	3418	.	.	3418	71
LRC05-3900	3398	.	.	3398	70
LRC05-3901	3120	.	.	3120	65
mean	3692	.	.	3692	76
CV (%)	3.66	.	.	3.66	
LSD (0.05)	306	.	.	306	

2011 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 5/Jul	Cut 2 16/Aug	Cut 3 17/Oct		
AT05	5488	5732	1859	13079	120
AC Manitou	5714	5647	1558	12919	118
AC Blue J	5694	5635	1572	12901	118
AC Totem	5554	5197	1773	12524	114
LRC07 4151L	5354	4905	1328	11587	106
SC A101	5608	4631	1005	11244	103
Beaver	5568	4795	581	10944	100
Rangelander	4888	4674	1027	10589	97
Rambler	4668	4661	273	9602	88
mean	5393	5097	1220	11710	107
CV (%)	7.82	9.98	18.04	7.10	
LSD (0.05)	543	656	283	1071	

2011 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 3/Jul	Cut 2 18/Sep	Cut 3 .		
AC Manitou	6845	6688	.	13533	118
LRC07 4151L	7144	6367	.	13511	118
AT05	6928	6189	.	13117	115
AC Blue J	6529	6256	.	12785	112
SC A101	6226	6351	.	12577	110
Rangelander	6441	6110	.	12551	110
AC Totem	6126	6086	.	12212	107
Rambler	6632	5112	.	11744	103
Beaver	6437	5015	.	11452	100
mean	6590	6019	.	12609	110
CV (%)	7.60	10.90	.	7.20	
LSD (0.05)	739	958	.	1333	

2011 WFT Alfalfa, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 29/Jun	Cut 2 7/Aug	Cut 3 19/Sep		
AC Manitou	6772	5277	3743	15792	133
AC Totem	6413	4654	3450	14517	122
LRC07 4151L	5864	4672	2935	13471	113
AT05	6135	4315	2792	13242	111
AC Blue J	5816	4235	2800	12851	108
Beaver	6121	3686	2097	11904	100
Rangelander	5436	3809	2387	11632	98
SC A101	5459	3593	2365	11417	96
Rambler	5495	3449	1823	10767	90
mean	5946	4188	2710	12844	108
CV (%)	11.40	9.80	9.6	8.40	
LSD (0.05)	995	602	382	1587	

2011 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 10/Jul	Cut 2 20/Aug	Cut 3 .		
AC Totem	6609	5601	.	12210	121
AC Manitou	5874	5740	.	11614	115
LRC07 4151L	6662	4830	.	11492	114
AT05	5799	5640	.	11439	113
SC A101	6839	4590	.	11429	113
AC Blue J	5731	5195	.	10926	108
Rambler	5940	4342	.	10282	102
Rangelander	4858	5369	.	10227	101
Beaver	6322	3783	.	10105	100
mean	6070	5010	.	11080	110
CV (%)	26.10	25.40	.	20.10	
LSD (0.05)	2312	1862	.	3255	

2011 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Beaver
	Cut 1 .	Cut 2 .	Cut 3 .		
Rangelander	5858	759	.	6617	109
AT05	5242	870	.	6112	100
Beaver	5444	644	.	6088	100
LRC07 4151L	4978	830	.	5807	95
AC Totem	4906	889	.	5795	95
AC Blue J	4737	1017	.	5754	95
Rambler	4913	718	.	5631	92
AC Manitou	4550	866	.	5416	89
SC A101	4042	781	.	4823	79
mean	4963	819	.	5783	95
CV (%)	12.71	21.39	.	10.55	
LSD (0.05)	1247	347	.	1207	

2011 WFT Alfalfa, Carberry MB, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
AT05	3482	.	.	3482	110
SC A101	3435	.	.	3435	108
Rambler	3416	.	.	3416	108
AC Blue J	3278	.	.	3278	104
Rangelander	3252	.	.	3252	103
AC Manitou	3221	.	.	3221	102
LRC07 4151L	3206	.	.	3206	101
AC Totem	3173	.	.	3173	100
Beaver	3166	.	.	3166	100
mean	3292	.	.	3292	104
CV (%)	10.18	.	.	10.18	
LSD (0.05)	583	.	.	583	

2011 WFT Cicer Milkvetch, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Oxley
	Cut 1 5/Jul	Cut 2	Cut 3		
LRC04-4051	3314	.	.	3314	104
Oxley	3194	.	.	3194	100
LRC00-04-06	2997	.	.	2997	94
LRC0405	2851	.	.	2851	89
mean	3089	.	.	3089	97
CV (%)	13.38	.	.	13.38	
LSD (0.05)	569	.	.	569	

2011 WFT Cicer Milkvetch, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Oxley
	Cut 1 23/Jul	Cut 2 24/Sep	Cut 3 .		
LRC04-4051	7020	2933	.	9953	146
LRC00-04-06	6582	3278	.	9860	145
LRC0405	6620	2908	.	9528	140
Oxley	5193	1620	.	6813	100
mean	6354	2685	.	9039	133
CV (%)	11.80	8.90	.	9.40	
LSD (0.05)	1202	384	.	1366	

2011 WFT Cicer Milkvetch, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Oxley
	Cut 1 29/Jun	Cut 2 8/Aug	Cut 3 .		
LRC04-4051	3043	2757	.	5800	101
Oxley	2563	3159	.	5722	100
LRC00-04-06	2415	2905	.	5320	93
LRC0405	2762	2499	.	5261	92
mean	2696	2830	.	5526	97
CV (%)	14.70	13.50	.	9.30	
LSD (0.05)	636	611	.	829	

2011 WFT Cicer Milkvetch, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Oxley
	Cut 1 10/Jul	Cut 2 20/Aug	Cut 3 .		
LRC04-4051	4203	3750	.	7953	134
LRC00-04-06	3918	3613	.	7531	127
LRC0405	2889	3386	.	6275	106
Oxley	3060	2859	.	5919	100
mean	3518	3402	.	6920	117
CV (%)	25.50	8.50	.	14.60	
LSD (0.05)	1440	466	.	1621	

2011 WFT Cicer Milkvetch, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Oxley
	Cut 1	Cut 2	Cut 3		
LRC04-4051	5587	.	.	5587	137
LRC0405	5128	.	.	5128	126
LRC00-04-06	4664	.	.	4664	115
Oxley	4069	.	.	4069	100
mean	4862	.	.	4862	119
CV (%)	11.32	.	.	11.32	
LSD (0.05)	1047	.	.	1047	

2011 WFT Hybrid Brome, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of AC Knowles
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
S9478B	9674	3502	.	13176	109
AC Knowles	8959	3103	.	12062	100
mean	9317	3303	.	12619	105
CV (%)	12.52	17.19	.	12.35	
LSD (0.05)	2048	997	.	2737	

2011 WFT Hybrid Brome, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of AC Knowles
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
AC Knowles	6013	6291	.	12304	100
S9478B	5697	5982	.	11679	95
mean	5855	6137	.	11992	97
CV (%)	9.30	21.30	.	9.30	
LSD (0.05)	1236	2943	.	2512	

2011 WFT Hybrid Brome, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of AC Knowles
	Cut 1 28/Jun	Cut 2 16/Aug	Cut 3 .		
AC Knowles	6816	2749	.	9565	100
S9478B	6067	2656	.	8723	91
mean	6442	2703	.	9144	96
CV (%)	6.10	12.60	.	5.20	
LSD (0.05)	888	769	.	1074	

2011 WFT Hybrid Brome, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of AC Knowles
	Cut 1 10/Jul	Cut 2 21/Aug	Cut 3 .		
AC Knowles	13460	953	.	14413	100
S9478B	12188	961	.	13149	91
mean	12824	957	.	13781	96
CV (%)	9.30	12.50	.	9.20	
LSD (0.05)	2691	271	.	2880	

2011 WFT Hybrid Brome, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of AC Knowles
	Cut 1	Cut 2	Cut 3		
AC Knowles	4328	.	.	4328	100
S9478B	3589	.	.	3589	83
mean	3959	.	.	3959	91
CV (%)	13.16	.	.	13.16	
LSD (0.05)	2151	.	.	2151	

2011 WFT Meadow Brome, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
S9522	8964	1229	.	10193	101
Fleet	8851	1218	.	10069	100
mean	8908	1224	.	10131	101
CV (%)	17.67	58.56	.	11.14	
LSD (0.05)	2763	1258	.	1982	

2011 WFT Meadow Brome, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
Fleet	7476	8792	.	16268	100
S9522	6756	7540	.	14296	88
mean	7116	8166	.	15282	94
CV (%)	8.10	27.80	.	18.40	
LSD (0.05)	1291	5125	.	6356	

2011 WFT Meadow Brome, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 26/Jun	Cut 2 16/Aug	Cut 3 .		
Fleet	7290	2360	.	9650	100
S9522	7644	2506	.	10150	105
mean	7467	2433	.	9900	103
CV (%)	24.00	10.10	.	20.40	
LSD (0.05)	4042	553	.	4549	

2011 WFT Meadow Brome, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 10/Jul	Cut 2 21/Aug	Cut 3 .		
S9522	14060	1339	.	15399	108
Fleet	13233	1073	.	14306	100
mean	13647	1206	.	14853	104
CV (%)	1.80	29.40	.	1.60	
LSD (0.05)	574	799	.	549	

2011 WFT Meadow Brome, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1	Cut 2	Cut 3		
S9522	4133	.	.	4133	110
Fleet	3752	.	.	3752	100
mean	3943	.	.	3943	105
CV (%)	20.57	.	.	20.57	
LSD (0.05)	3349	.	.	3349	

2011 WFT Orchardgrass, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 9/Jul	Cut 2 24/Sep	Cut 3 .		
Kay	7048	2010	.	9058	100
OG426	6956	1816	.	8772	97
mean	7002	1913	.	8915	98
CV (%)	8.14	7.85	.	6.11	
LSD (0.05)	1001	264	.	957	

2011 WFT Orchardgrass, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
OG426	7313	5288	.	12601	108
Kay	5842	5799	.	11641	100
mean	6578	5544	.	12121	104
CV (%)	13.10	12.60	.	9.90	
LSD (0.05)	1267	1341	.	2022	

2011 WFT Orchardgrass, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 26/Jun	Cut 2 16/Aug	Cut 3 .		
OG426	4159	2814	.	6973	103
Kay	4257	2526	.	6783	100
mean	4208	2670	.	6878	101
CV (%)	21.30	17.50	.	16.20	
LSD (0.05)	1267	826	.	1732	

2011 WFT Orchardgrass, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 10/Jul	Cut 2 21/Aug	Cut 3 .		
OG426	11411	1071	.	12482	115
Kay	9492	1328	.	10820	100
mean	10452	1200	.	11651	108
CV (%)	2.60	5.10	.	2.00	
LSD (0.05)	632	138	.	530	

2011 WFT Red Clover, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 5/Jul	Cut 2 16/Aug	Cut 3 .		
Altaswede	4363	1176	.	5539	100
Brandon Dwarf	2043	1294	.	3337	60
mean	3203	1235	.	4438	80
CV (%)	16.27	17.95	.	12.42	
LSD (0.05)	915	389	.	968	

2011 WFT Red Clover, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 23/Jul	Cut 2 24/Sep	Cut 3 .		
Altaswede	10610	2951	.	13561	100
Brandon Dwarf	7291	0	.	7291	54
mean	8951	1476	.	10426	77
CV (%)	12.80	20.10	.	11.60	
LSD (0.05)	2580	668	.	2741	

2011 WFT Sainfoin, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 5/Jul	Cut 2 16/Aug	Cut 3 .		
LRC3901	6355	5209	.	11564	130
LRC3432	5677	4967	.	10644	120
LRC3519	5414	5140	.	10554	119
Nova	5614	3258	.	8872	100
mean	5765	4644	.	10409	117
CV (%)	15.88	8.6	.	10.25	
LSD (0.05)	1262	550	.	1471	

2011 WFT Sainfoin, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 5/Jul	Cut 2 7/Sep	Cut 3 .		
Nova	7206	5068	.	12274	100
LRC3519	6121	5489	.	11610	95
LRC3432	5998	5592	.	11590	94
LRC3901	5549	5743	.	11292	92
mean	6219	5473	.	11692	95
CV (%)	8.40	12.10	.	8.80	
LSD (0.05)	839	1056	.	1657	

2011 WFT Sainfoin, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 29/Jun	Cut 2 8/Aug	Cut 3 .		
Nova	2874	2031	.	4905	100
LRC3432	1573	2372	.	3945	80
LRC3519	1442	2248	.	3690	75
LRC3901	1471	1584	.	3055	62
mean	1840	2059	.	3899	79
CV (%)	23.50	32.20	.	26.60	
LSD (0.05)	693	1063	.	1663	

2011 WFT Sainfoin, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 10/Jul	Cut 2 20/Aug	Cut 3 .		
LRC3901	6151	3394	.	9545	102
Nova	6002	3390	.	9392	100
LRC3519	5410	3699	.	9109	97
LRC3432	5568	3430	.	8998	96
mean	5783	3478	.	9261	99
CV (%)	31.70	12.1	.	20.00	
LSD (0.05)	2936	677	.	2968	

2011 WFT Sainfoin, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha-1)			Total	% of Nova
	Cut 1 .	Cut 2 .	Cut 3 .		
Nova	5348	.	.	5348	100
LRC3432	3219	.	.	3219	60
LRC3901	3175	.	.	3175	59
LRC3519	2928	.	.	2928	55
mean	3668	.	.	3668	69
CV (%)	15.50	.	.	15.50	
LSD (0.05)	1307	.	.	1307	

2011 WFT Tall Fescue, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
Courtenay	9618	2829	.	12447	100
Swaj	8048	3813	.	11861	95
mean	8833	3321	.	12154	98
CV (%)	7.92	16.72	.	8.10	
LSD (0.05)	1229	975	.	1728	

2011 WFT Tall Fescue, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
Courtenay	5423	8306	.	13729	100
Swaj	4628	8103	.	12731	93
mean	5026	8205	.	13230	96
CV (%)	12.00	3.60	.	4.70	
LSD (0.05)	1362	681	.	1428	

2011 WFT Tall Fescue, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 26/Jun	Cut 2 16/Aug	Cut 3 .		
Courtenay	7427	3756	.	11183	100
Swaj	6230	3751	.	9981	89
mean	6829	3754	.	10582	95
CV (%)	11.30	6.70	.	9.30	
LSD (0.05)	1748	570	.	2224	

2011 WFT Tall Fescue, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 10/Jul	Cut 2 21/Aug	Cut 3 .		
Courtenay	10843	1815	.	12658	100
Swaj	10782	1856	.	12638	100
mean	10813	1836	.	12648	100
CV (%)	10.30	6.70	.	8.10	
LSD (0.05)	2517	279	.	2302	

2011 WFT Tall Fescue, Swift Current SK, Area - 1

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 .	Cut 2 .	Cut 3 .		
Courtenay	4053	.	.	4053	100
Swaj	3807	.	.	3807	94
mean	3930	.	.	3930	97
CV (%)	2.93	.	.	2.93	
LSD (0.05)	476	.	.	476	

2011 WFT Timothy, Lethbridge AB, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 6/Jul	Cut 2 24/Sep	Cut 3 .		
Climax	9557	1857	.	11414	100
AC Pratt	9681	1593	.	11274	99
ST1	7387	1456	.	8843	77
mean	8875	1635	.	10510	92
CV (%)	11.91	31.55	.	11.71	
LSD (0.05)	1542	752	.	1795	
CV (%) (sqrt)			.		

2011 WFT Timothy, Melfort SK, Area - 3

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 23/Jul	Cut 2 24/Sep	Cut 3 .		
AC Pratt	9935	3801	.	13736	122
ST1	9152	3810	.	12962	116
Climax	8703	2516	.	11219	100
mean	9263	3376	.	12639	113
CV (%)	9.20	21.80	.	10.80	
LSD (0.05)	1480	1276	.	2364	
CV (%) (sqrt)	.	.	.	.

2011 WFT Timothy, Outlook SK, Area - Irrigation

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 28/Jun	Cut 2 16/Aug	Cut 3 .		
AC Pratt	4682	2756	.	7438	118
ST1	4522	2610	.	7132	113
Climax	4043	2253	.	6296	100
mean	4416	2540	.	6955	110
CV (%)	8.40	21.50	.	12.50	
LSD (0.05)	645	945	.	1512	
CV (%) (sqrt)	.	.	.	.

2011 WFT Timothy, Saskatoon SK, Area - 2

Cultivar	2012 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 10/Jul	Cut 2 21/Aug	Cut 3 .		
AC Pratt	14631	1088	.	15719	138
ST1	11244	1268	.	12512	110
Climax	10349	1023	.	11372	100
mean	12075	1126	.	13201	116
CV (%)	24.40	25.50	.	22.50	
LSD (0.05)	5099	497	.	515	
CV (%) (sqrt)	.	.	.	.

Summary WFT 2009 Alfalfa - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Beaver	8,411	2,736	.	.	.	9,780	11,182	9,528
AC Blue J	9,327	2,921	.	.	.	10,950	11,666	10,414
L333HD	8,216	2,802	.	.	.	11,926	11,646	9,977
NS09-MF01	8,787	3,013	.	.	.	13,882	11,198	9,732
NS09-ST01	8,755	2,851	.	.	.	11,312	11,446	9,473
PC 09050	8,296	2,475	.	.	.	12,486	10,839	9,183
PC 09051	9,243	2,973	.	.	.	11,213	10,985	9,336
PC 09070	7,806	2,203	.	.	.	11,719	9,957	8,612
PC 09080	8,195	2,386	.	.	.	11,741	10,721	10,884
PC 09081	8,316	2,682	.	.	.	12,479	10,677	9,876
PC 09082	8,736	2,851	.	.	.	11,457	10,557	9,245
PF 09010	7,499	2,270	.	.	.	13,506	10,396	9,610
Radiant HD	8,075	2,717	.	.	.	11,082	11,199	8,905
Rambler	8,836	2,550	.	.	.	9,118	10,717	10,190
Rangelander	9,129	2,876	.	.	.	8,996	10,750	8,594
TS-3025	7,938	2,796	.	.	.	10,433	11,192	10,188
TS-4002	8,630	2,403	.	.	.	10,632	10,761	9,972
VC 09101	8,770	2,676	.	.	.	11,314	10,782	9,568
VC 09102	7,692	2,698	.	.	.	12,438	11,102	10,518
VT 09001	10,243	2,738	.	.	.	11,846	11,792	10,305
VT 09002	8,052	2,321	.	.	.	11,911	10,563	9,680
VT 09003	9,311	2,746	.	.	.	13,231	10,563	9,932
Cuts	2	1	.	.	.	3	3	2
CV (%)	8.6	13.4	.	.	.	7.3	7.7	10.9
Trial Mean (kg/ha)	8,557	2,667	.	.	.	11,521	10,941	9,715

Summary WFT 2009 Alfalfa - Alberta

Cultivar	Forage Yield as % of Beaver											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Beaver	100	100	.	.	.	100	100	100
AC Blue J	111	107	.	.	.	112	104	109
L333HD	98	102	.	.	.	122	104	105
NS09-MF01	104	110	.	.	.	142	100	102
NS09-ST01	104	104	.	.	.	116	102	99
PC 09050	99	90	.	.	.	128	97	96
PC 09051	110	109	.	.	.	115	98	98
PC 09070	93	81	.	.	.	120	89	90
PC 09080	97	87	.	.	.	120	96	114
PC 09081	99	98	.	.	.	128	95	104
PC 09082	104	104	.	.	.	117	94	97
PF 09010	89	83	.	.	.	138	93	101
Radiant HD	96	99	.	.	.	113	100	93
Rambler	105	93	.	.	.	93	96	107
Rangelander	109	105	.	.	.	92	96	90
TS-3025	94	102	.	.	.	107	100	107
TS-4002	103	88	.	.	.	109	96	105
VC 09101	104	98	.	.	.	116	96	100
VC 09102	91	99	.	.	.	127	99	110
VT 09001	122	100	.	.	.	121	105	108
VT 09002	96	85	.	.	.	122	94	102
VT 09003	111	100	.	.	.	135	94	104
Cuts	2	1	.	.	.	3	3	2
CV (%)	8.6	13.4	.	.	.	7.3	7.7	10.9
Beaver (kg/ha)	8,411	2,736	.	.	.	9,780	11,182	9,528

Summary WFT 2009 Alfalfa - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Beaver	9,749	8,973	5,486	9,932	9,308	9,724	14,084	12,543	11,378	11,965	15,107	7,941
AC Blue J	9,247	9,423	5,333	9,803	10,520	11,038	14,032	12,587	11,790	13,212	17,613	11,610
L333HD	9,344	9,247	5,270	10,216	12,037	9,639	14,563	13,347	11,162	10,630	17,378	11,010
NS09-MF01	.	.	.	10,910	11,933	8,623	13,381	12,496	11,264	12,794	17,310	11,814
NS09-ST01	.	.	.	9,629	10,980	8,301	13,564	12,580	11,207	12,018	18,063	11,375
PC 09050	8,278	8,923	4,654	9,940	11,138	8,335	11,959	10,929	10,033	11,770	18,661	13,246
PC 09051	8,691	10,555	5,272	10,773	10,822	9,127	12,713	12,261	10,346	12,021	18,086	12,760
PC 09070	9,185	8,368	5,104	9,401	10,373	6,978	12,009	11,178	10,095	9,955	17,764	9,967
PC 09080	9,000	9,277	5,697	9,552	10,791	8,172	13,178	11,598	10,257	12,336	17,679	10,894
PC 09081	9,283	9,640	5,146	9,605	12,739	9,251	13,501	11,597	10,313	12,435	18,827	11,947
PC 09082	8,592	9,418	5,109	10,547	11,253	9,514	12,978	12,144	10,666	12,795	18,342	9,811
PF 09010	9,343	9,841	5,611	10,243	10,959	8,722	13,163	12,059	10,621	11,529	16,634	12,040
Radiant HD	9,210	10,310	5,126	9,869	11,395	8,644	13,029	12,329	11,297	12,792	17,839	10,483
Rambler	10,158	9,865	6,096	10,514	8,428	9,890	13,541	12,611	11,261	10,095	12,612	6,458
Rangelander	10,624	10,132	5,969	8,790	8,582	9,679	13,806	12,841	11,909	10,889	12,281	6,700
TS-3025	8,465	9,856	5,279	8,903	10,695	8,077	13,140	11,893	11,725	12,260	17,560	12,439
TS-4002	7,966	8,807	5,430	8,954	10,528	7,696	13,792	12,494	10,861	10,832	17,568	9,096
VC 09101	8,577	9,129	5,188	8,909	11,486	9,030	13,725	12,653	12,704	11,957	18,599	11,565
VC 09102	9,083	9,339	5,176	11,001	10,646	9,977	12,293	12,107	11,308	11,947	17,336	11,564
VT 09001	9,837	9,358	5,024	9,725	11,449	8,865	13,746	12,358	11,417	12,681	17,148	12,152
VT 09002	7,975	7,361	4,409	9,505	10,896	7,518	14,426	11,870	10,983	13,316	16,974	10,641
VT 09003	9,291	8,996	5,514	10,123	11,064	8,956	13,046	12,508	11,728	12,255	17,388	9,809
Cuts	2	2	1	2	2	2	2	2	2	2	3	3
CV (%)	11.8	10.8	7.9	11.1	8.4	12.9	11.3	7.9	10.4	12.7	11.6	10.7
Trial Mean (kg/ha)	9,095	9,341	5,295	9,857	10,819	8,898	13,349	12,227	11,106	11,931	17,126	10,696

Summary WFT 2009 Alfalfa - Saskatchewan

Cultivar	Forage Yield as % of Beaver											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Beaver	100	100	100	100	100	100	100	100	100	100	100	100
AC Blue J	95	105	97	99	113	114	100	100	104	110	117	146
L333HD	96	103	96	103	129	99	103	106	98	89	115	139
NS09-MF01	.	.	.	110	128	89	95	100	99	107	115	149
NS09-ST01	.	.	.	97	118	85	96	100	98	100	120	143
PC 09050	85	99	85	100	120	86	85	87	88	98	124	167
PC 09051	89	118	96	108	116	94	90	98	91	100	120	161
PC 09070	94	93	93	95	111	72	85	89	89	83	118	126
PC 09080	92	103	104	96	116	84	94	92	90	103	117	137
PC 09081	95	107	94	97	137	95	96	92	91	104	125	150
PC 09082	88	105	93	106	121	98	92	97	94	107	121	124
PF 09010	96	110	102	103	118	90	93	96	93	96	110	152
Radiant HD	94	115	93	99	122	89	93	98	99	107	118	132
Rambler	104	110	111	106	91	102	96	101	99	84	83	81
Rangelander	109	113	109	89	92	100	98	102	105	91	81	84
TS-3025	87	110	96	90	115	83	93	95	103	102	116	157
TS-4002	82	98	99	90	113	79	98	100	95	91	116	115
VC 09101	88	102	95	90	123	93	97	101	112	100	123	146
VC 09102	93	104	94	111	114	103	87	97	99	100	115	146
VT 09001	101	104	92	98	123	91	98	99	100	106	114	153
VT 09002	82	82	80	96	117	77	102	95	97	111	112	134
VT 09003	95	100	101	102	119	92	93	100	103	102	115	124
Cuts	2	2	1	2	2	2	2	2	2	2	3	3
CV (%)	11.8	10.8	7.9	11.1	8.4	12.9	11.3	7.9	10.4	12.7	11.6	10.7
Beaver (kg/ha)	9,749	8,973	5,486	9,932	9,308	9,724	14,084	12,543	11,378	11,965	15,107	7,941

Summary WFT 2009 Alfalfa - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2010	2011	2012	2010	2011	2012
Beaver	.	9,120	8,436	11,756	3,703	.	.	7,231	5,433	13,514	.	.
AC Blue J	.	9,317	8,276	12,703	3,524	.	.	6,482	4,443	14,386	.	.
L333HD	.	8,896	7,339	11,768	3,030	.	.	7,010	5,880	14,348	.	.
NS09-MF01	.	9,582	8,082	.	.	.	.	5,765	4,667	.	.	.
NS09-ST01	.	9,184	8,244	.	.	.	.	6,571	4,716	.	.	.
PC 09050	.	9,158	7,981	11,698	3,138	.	.	6,623	4,835	14,071	.	.
PC 09051	.	9,353	8,135	12,342	3,391	.	.	6,965	4,196	13,564	.	.
PC 09070	.	8,814	6,841	11,829	3,413	.	.	7,193	5,215	13,400	.	.
PC 09080	.	9,157	7,834	12,704	3,491	.	.	7,071	4,401	14,178	.	.
PC 09081	.	9,165	7,896	11,909	2,946	.	.	6,799	4,577	13,764	.	.
PC 09082	.	9,495	8,550	11,897	3,540	.	.	7,153	5,027	14,005	.	.
PF 09010	.	9,268	6,539	11,106	2,649	.	.	6,577	4,878	11,805	.	.
Radiant HD	.	9,654	7,996	12,326	3,203	.	.	7,318	4,522	14,516	.	.
Rambler	.	8,695	7,236	11,515	3,631	.	.	6,562	4,886	11,526	.	.
Rangelander	.	8,587	8,224	12,048	3,448	.	.	6,699	5,542	11,491	.	.
TS-3025	.	9,426	7,502	11,914	3,582	.	.	6,722	5,626	14,210	.	.
TS-4002	.	8,836	7,835	11,913	3,740	.	.	6,994	4,477	13,436	.	.
VC 09101	.	9,254	7,258	12,221	2,946	.	.	6,386	4,470	13,673	.	.
VC 09102	.	8,701	7,377	11,767	2,808	.	.	5,763	4,538	12,358	.	.
VT 09001	.	9,481	8,361	13,455	3,445	.	.	7,375	5,430	15,429	.	.
VT 09002	.	8,996	8,108	12,385	3,731	.	.	7,026	4,648	13,953	.	.
VT 09003	.	8,846	8,297	12,573	3,763	.	.	7,050	4,556	14,356	.	.
Cuts	.	2	2	2	1	.	.	2	1	3	.	.
CV (%)	.	6.3	9.5	7.3	12.4	.	.	11.9	26.6	8.2	.	.
Trial Mean (kg/ha)	.	9,136	7,834	12,091	3,356	.	.	6,788	4,862	13,599	.	.

Summary WFT 2009 Alfalfa - Manitoba

Cultivar	Forage Yield as % of Beaver											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2010	2011	2012	2010	2011	2012
Beaver	.	100	100	100	100	.	.	100	100	100	.	.
AC Blue J	.	102	98	108	95	.	.	90	82	106	.	.
L333HD	.	98	87	100	82	.	.	97	108	106	.	.
NS09-MF01	.	105	96	.	.	.	.	80	86	.	.	.
NS09-ST01	.	101	98	.	.	.	.	91	87	.	.	.
PC 09050	.	100	95	100	85	.	.	92	89	104	.	.
PC 09051	.	103	96	105	92	.	.	96	77	100	.	.
PC 09070	.	97	81	101	92	.	.	99	96	99	.	.
PC 09080	.	100	93	108	94	.	.	98	81	105	.	.
PC 09081	.	100	94	101	80	.	.	94	84	102	.	.
PC 09082	.	104	101	101	96	.	.	99	93	104	.	.
PF 09010	.	102	78	94	72	.	.	91	90	87	.	.
Radiant HD	.	106	95	105	86	.	.	101	83	107	.	.
Rambler	.	95	86	98	98	.	.	91	90	85	.	.
Rangelander	.	94	97	102	93	.	.	93	102	85	.	.
TS-3025	.	103	89	101	97	.	.	93	104	105	.	.
TS-4002	.	97	93	101	101	.	.	97	82	99	.	.
VC 09101	.	101	86	104	80	.	.	88	82	101	.	.
VC 09102	.	95	87	100	76	.	.	80	84	91	.	.
VT 09001	.	104	99	114	93	.	.	102	100	114	.	.
VT 09002	.	99	96	105	101	.	.	97	86	103	.	.
VT 09003	.	97	98	107	102	.	.	97	84	106	.	.
Cuts	.	2	2	2	1	.	.	2	1	3	.	.
CV (%)	.	6.3	9.5	7.3	12.4	.	.	11.9	26.6	8.2	.	.
Beaver (kg/ha)	.	9,120	8,436	11,756	3,703	.	.	7,231	5,433	13,514	.	.

Summary WFT 2009 Orchardgrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Kay	4,881	.	.	.	9,821	1,941	.	.	.	7,788	6,568	2,810
NS09-OG-01	4,348	.	.	.	10,157	2,349	.	.	.	8,354	6,971	3,225
OG426	5,444	.	.	.	10,611	2,538	.	.	.	9,718	6,620	3,178
96 OG-2	3,932	.	.	.	7,827	1,398	.	.	.	7,872	6,454	2,292
Cuts	1	.	.	.	2	1	.	.	.	3	1	1
CV (%)	58.1	.	.	.	10.4	17.0	.	.	.	11.4	13.7	18.9
Trial Mean (kg/ha)	4,651	.	.	.	9,604	2,057	.	.	.	8,433	6,653	2,876

Summary WFT 2009 Orchardgrass - Alberta

Cultivar	Forage Yield as % of Kay											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Kay	100	.	.	.	100	100	.	.	.	100	100	100
NS09-OG-01	89	.	.	.	103	121	.	.	.	107	106	115
OG426	112	.	.	.	108	131	.	.	.	125	101	113
96 OG-2	81	.	.	.	80	72	.	.	.	101	98	82
Cuts	1	.	.	.	2	1	.	.	.	3	1	1
CV (%)	58.1	.	.	.	10.4	17.0	.	.	.	11.4	13.7	18.9
Beaver (kg/ha)	4,881	.	.	.	9,821	1,941	.	.	.	7,788	6,568	2,810

Summary WFT 2009 Orchardgrass - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Kay	.	.	.	6,615	6,220	4,473	4,144	7,195	8,922	9,653	8,617	3,315
NS09-OG-01	.	.	.	8,028	5,931	5,709	4,482	7,096	8,561	9,885	9,312	4,064
OG426	.	.	.	10,063	5,903	5,751	4,350	7,273	10,901	9,205	7,493	3,009
96 OG-2	.	.	.	6,195	5,415	3,253	3,719	6,667	7,373	8,326	6,981	2,603
Cuts	.	.	.	1	1	1	2	2	2	2	2	2
CV (%)	.	.	.	8.8	6.0	25.5	7.6	6.6	10.4	14.3	14.6	22.5
Trial Mean (kg/ha)	.	.	.	7,725	5,867	4,797	4,174	7,058	8,939	9,267	8,101	3,248

Summary WFT 2009 Orchardgrass - Saskatchewan

Cultivar	Forage Yield as % of Kay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Kay	.	.	.	100	100	100	100	100	100	100	100	100
NS09-OG-01	.	.	.	121	95	128	108	99	96	102	108	123
OG426	.	.	.	152	95	129	105	101	122	95	87	91
96 OG-2	.	.	.	94	87	73	90	93	83	86	81	79
Cuts	.	.	.	1	1	1	2	2	2	2	2	2
CV (%)	.	.	.	8.8	6.0	25.5	7.6	6.6	10.4	14.3	14.6	22.5
Beaver (kg/ha)	.	.	.	6,615	6,220	4,473	4,144	7,195	8,922	9,653	8,617	3,315

Summary WFT 2009 Orchardgrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Kay	.	4,705	3,434	5,469	.	.	1,438	.	.	13,080	6,762	6,173
NS09-OG-01	.	4,398	3,622	5,381	.	.	1,560	.	.	15,898	7,176	5,157
OG426	.	3,936	4,288	5,064	.	.	1,292	.	.	15,567	7,030	5,138
96 OG-2	.	4,200	2,397	5,415	.	.	1,727	.	.	14,109	6,587	6,439
Cuts	.	1	1	1	.	.	1	.	.	2	1	1
CV (%)	.	18.0	18.9	10.4	.	.	22.5	.	.	10.3	20.8	11.1
Trial Mean (kg/ha)	.	4,310	3,435	5,332	.	.	1,504	.	.	14,664	6,889	5,727

Summary WFT 2009 Orchardgrass - Manitoba

Cultivar	Forage Yield as % of Kay											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Kay	.	100	100	100	.	.	100	.	.	100	100	100
NS09-OG-01	.	93	105	98	.	.	108	.	.	122	106	84
OG426	.	84	125	93	.	.	90	.	.	119	104	83
96 OG-2	.	89	70	99	.	.	120	.	.	108	97	104
Cuts	.	1	1	1	.	.	1	.	.	2	1	1
CV (%)	.	18.0	18.9	10.4	.	.	22.5	.	.	10.3	20.8	11.1
Beaver (kg/ha)	.	4,705	3,434	5,469	.	.	1,438	.	.	13,080	6,762	6,173

Summary WFT 2009 Red Clover - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Altaswede	12,994	3,115	.	.	.	9,784	6,260	3,295
Starfire	7,183	2,225	.	.	.	13,755	6,143	3,843

Cuts	.	.	.	.	1	1	.	.	.	3	2	2
CV (%)	.	.	.	.	10.1	12.7	.	.	.	13.2	6.9	6.7
Trial Mean (kg/ha)	.	.	.	.	10,089	2,670	.	.	.	11,770	6,202	3,569

Summary WFT 2009 Red Clover - Alberta

Cultivar	Forage Yield as % of Altaswede											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Altaswede	100	100	.	.	.	100	100	100
Starfire	55	71	.	.	.	141	98	117

Cuts	.	.	.	.	1	1	.	.	.	3	2	2
CV (%)	.	.	.	.	10.1	12.7	.	.	.	13.2	6.9	6.7
Beaver (kg/ha)	.	.	.	.	12,994	3,115	.	.	.	9,784	6,260	3,295

Summary WFT 2009 Red Clover - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Altaswede	3,405	6,197	2,603	5,683	12,221	6,850	13,131	10,896	4,055	11,025	12,473	9,476
Starfire	6,178	6,290	889	4,745	10,096	6,665	12,482	8,853	3,764	13,057	11,491	10,661

Cuts	2	2	1	2	2	2	2	2	1	2	2	3
CV (%)	6.6	.	58.5	14.7	5.1	8.2	8.4	8.1	17.4	4.4	11.1	6.2
Trial Mean (kg/ha)	4,792	6,244	1,746	5,214	11,159	6,758	12,807	9,875	3,910	12,041	11,982	10,069

Summary WFT 2009 Red Clover - Saskatchewan

Cultivar	Forage Yield as % of Altaswede											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Altaswede	100	100	100	100	100	100	100	100	100	100	100	100
Starfire	181	102	34	83	83	97	95	81	93	118	92	113

Cuts	2	2	1	2	2	2	2	2	1	2	2	3
CV (%)	6.6	.	58.5	14.7	5.1	8.2	8.4	8.1	17.4	4.4	11.1	6.2
Beaver (kg/ha)	3,405	6,197	2,603	5,683	12,221	6,850	13,131	10,896	4,055	11,025	12,473	9,476

Summary WFT 2009 Red Clover - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Altaswede	.	5,431	3,295	7,404	.	.	6,674	4,076	.	9521	6,246	.
Starfire	.	8,159	2,299	10,888	.	.	5,325	2,859	.	11671	8,227	.

Cuts	.	2	1	2	.	.	1	1	.	2	1	.
CV (%)	.	8.6	30.3	.	.	.	7.3	18.8	.	3.9	6.5	.
Trial Mean (kg/ha)	.	6,795	2,797	9,146	.	.	6,000	3,468	.	10,596	7,237	.

Summary WFT 2009 Red Clover - Manitoba

Cultivar	Forage Yield as % of Altaswede											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Altaswede	.	100	100	100	.	.	100	100	.	100	100	.
Starfire	.	150	70	147	.	.	80	70	.	123	132	.

Cuts	.	2	1	2	.	.	1	1	.	2	1	.
CV (%)	.	8.6	30.3	.	.	.	7.3	18.8	.	3.9	6.5	.
Beaver (kg/ha)	.	5,431	3,295	7,404	.	.	6,674	4,076	.	9,521	6,246	.

Summary WFT 2009 Sainfoin - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Nova	2,945	2,848	.	.	.	13,506	6,743	8,023
LRC05-3900	2,041	2,068	.	.	.	10,791	7,776	9,336
LRC05-3901	2,409	2,292	.	.	.	11,809	8,086	9,628
LRC05-3902	2,378	1,673	.	.	.	11,079	7,982	9,723
Cuts	1	1	.	.	.	3	2	2
CV (%)	14.8	9.5	.	.	.	9.9	8.6	9.9
Trial Mean (kg/ha)	2,443	2,220	.	.	.	11,796	7,647	9,178

Summary WFT 2009 Sainfoin - Alberta

Cultivar	Forage Yield as % of Nova											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Nova	100	100	.	.	.	100	100	100
LRC05-3900	69	73	.	.	.	80	115	116
LRC05-3901	82	80	.	.	.	87	120	120
LRC05-3902	81	59	.	.	.	82	118	121
Cuts	1	1	.	.	.	3	2	2
CV (%)	14.8	9.5	.	.	.	9.9	8.6	9.9
Beaver (kg/ha)	2,945	2,848	.	.	.	13,506	6,743	8,023

Summary WFT 2009 Sainfoin - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Nova	1,830	3,634	.	7,592	9,182	10,331	6,678	.	.	7,783	5,597	8,761
LRC05-3900	1,133	3,095	.	7,053	9,083	9,998	6,376	.	.	7,396	5,900	7,707
LRC05-3901	1,238	2,950	.	5,514	9,694	10,295	5,654	.	.	7,767	5,860	7,472
LRC05-3902	1,215	3,014	.	6,190	8,873	9,920	6,143	.	.	7,556	6,160	7,285
Cuts	2	2	.	2	2	2	2	.	.	2	2	2
CV (%)	10.2	10.7	.	20.7	9.0	15.3	14.2	.	.	11.6	6.3	9.1
Trial Mean (kg/ha)	1,354	3,173	.	6,587	9,208	10,136	6,213	.	.	7,626	5,879	7,806

Summary WFT 2009 Sainfoin - Saskatchewan

Cultivar	Forage Yield as % of Nova											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2010	2011	2012	2010	2011	2012	2010	2011	2012	2010	2011	2012
Nova	100	100	.	100	100	100	100	.	.	100	100	100
LRC05-3900	62	85	.	93	99	97	95	.	.	95	105	88
LRC05-3901	68	81	.	73	106	100	85	.	.	100	105	85
LRC05-3902	66	83	.	82	97	96	92	.	.	97	110	83
Cuts	2	2	.	2	2	2	2	.	.	2	2	2
CV (%)	10.2	10.7	.	20.7	9.0	15.3	14.2	.	.	11.6	6.3	9.1
Beaver (kg/ha)	1,830	3,634	.	7,592	9,182	10,331	6,678	.	.	7,783	5,597	8,761

Summary WFT 2009 Sainfoin - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Nova	.	3,470	1,163	4,017	.	.	3,023	4,831	.	10,452	3,335	.
LRC05-3900	.	3,423	645	4,520	.	.	2,364	3,398	.	9,721	2,511	.
LRC05-3901	.	2,927	321	4,239	.	.	1,906	3,120	.	9,604	3,374	.
LRC05-3902	.	3,436	1,032	3,702	.	.	2,827	3,418	.	9,534	2,439	.

Cuts	.	1	1	1	.	.	1	1	.	2	1	.
CV (%)	.	15.0	39.1	11.3	.	.	24.4	3.7	.	7.2	42.4	.
Trial Mean (kg/ha)	.	3,314	790	4,120	.	.	2,530	3,692	.	9,828	2,915	.

Summary WFT 2009 Sainfoin - Manitoba

Cultivar	Forage Yield as % of Nova											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2010	2011	2012	2011	2012	2013	2011	2012	2013	2010	2011	2012
Nova	.	100	100	100	.	.	100	100	.	100	100	.
LRC05-3900	.	99	55	113	.	.	78	70	.	93	75	.
LRC05-3901	.	84	28	106	.	.	63	65	.	92	101	.
LRC05-3902	.	99	89	92	.	.	94	71	.	91	73	.

Cuts	.	1	1	1	.	.	1	1	.	2	1	.
CV (%)	.	15.0	39.1	11.3	.	.	24.4	3.7	.	7.2	42.4	.
Beaver (kg/ha)	.	3,470	1,163	4,017	.	.	3,023	4,831	.	10,452	3,335	.

Summary WFT 2011 Alfalfa - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	10,944	.	.
AC Blue J	12,901	.	.
AC Manitou	12,919	.	.
AC Totem	12,524	.	.
AT05	13,079	.	.
LRC07-4151L	11,587	.	.
Rambler	9,602	.	.
Rangelander	10,589	.	.
SC A101	11,244	.	.
Cuts	3	.	.
CV (%)	7.1	.	.
Trial Mean (kg/ha)	11,710	.	.

Summary WFT 2011 Alfalfa - Alberta

Cultivar	Forage Yield as % of Beaver											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	100	.	.
AC Blue J	118	.	.
AC Manitou	118	.	.
AC Totem	114	.	.
AT05	120	.	.
LRC07-4151L	106	.	.
Rambler	88	.	.
Rangelander	97	.	.
SC A101	103	.	.
Cuts	3	.	.
CV (%)	7.1	.	.
Beaver (kg/ha)	10,944	.	.

Summary WFT 2011 Alfalfa - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	6,088	.	.	10,105	.	.	11,453	.	.	11,904	.	.
AC Blue J	5,754	.	.	10,926	.	.	12,786	.	.	12,851	.	.
AC Manitou	5,416	.	.	11,614	.	.	13,533	.	.	15,792	.	.
AC Totem	5,795	.	.	12,210	.	.	12,212	.	.	14,517	.	.
AT05	6,112	.	.	11,439	.	.	13,117	.	.	13,242	.	.
LRC07-4151L	5,807	.	.	11,492	.	.	13,511	.	.	13,471	.	.
Rambler	5,631	.	.	10,282	.	.	11,745	.	.	10,767	.	.
Rangelander	6,617	.	.	10,227	.	.	12,551	.	.	11,632	.	.
SC A101	4,823	.	.	11,429	.	.	12,577	.	.	11,417	.	.
Cuts	2	.	.	2	.	.	2	.	.	3	.	.
CV (%)	10.6	.	.	20.1	.	.	7.2	.	.	8.4	.	.
Trial Mean (kg/ha)	5,783	.	.	11,080	.	.	12,609	.	.	12,844	.	.

Summary WFT 2011 Alfalfa - Saskatchewan

Cultivar	Forage Yield as % of Beaver											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	100	.	.	100	.	.	100	.	.	100	.	.
AC Blue J	95	.	.	108	.	.	112	.	.	108	.	.
AC Manitou	89	.	.	115	.	.	118	.	.	133	.	.
AC Totem	95	.	.	121	.	.	107	.	.	122	.	.
AT05	100	.	.	113	.	.	115	.	.	111	.	.
LRC07-4151L	95	.	.	114	.	.	118	.	.	113	.	.
Rambler	92	.	.	102	.	.	103	.	.	90	.	.
Rangelander	109	.	.	101	.	.	110	.	.	98	.	.
SC A101	79	.	.	113	.	.	110	.	.	96	.	.
Cuts	2	.	.	2	.	.	2	.	.	3	.	.
CV (%)	10.6	.	.	20.1	.	.	7.2	.	.	8.4	.	.
Beaver (kg/ha)	6,088	.	.	10,105	.	.	11,453	.	.	11,904	.	.

Summary WFT 2011 Alfalfa - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	.	.	.	3,166	.	.	.	.	.	.	.	.
AC Blue J	.	.	.	3,278	.	.	.	.	.	.	.	.
AC Manitou	.	.	.	3,221	.	.	.	.	.	.	.	.
AC Totem	.	.	.	3,173	.	.	.	.	.	.	.	.
AT05	.	.	.	3,482	.	.	.	.	.	.	.	.
LRC07-4151L	.	.	.	3,206	.	.	.	.	.	.	.	.
Rambler	.	.	.	3,416	.	.	.	.	.	.	.	.
Rangelander	.	.	.	3,252	.	.	.	.	.	.	.	.
SC A101	.	.	.	3,435	.	.	.	.	.	.	.	.
Cuts	.	.	.	1	.	.	.	.	.	.	.	.
CV (%)	.	.	.	10.2	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	3,292	.	.	.	.	.	.	.	.

Summary WFT 2011 Alfalfa - Manitoba

Cultivar	Forage Yield as % of Beaver											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Beaver	.	.	.	100	.	.	.	.	.	.	.	.
AC Blue J	.	.	.	104	.	.	.	.	.	.	.	.
AC Manitou	.	.	.	102	.	.	.	.	.	.	.	.
AC Totem	.	.	.	100	.	.	.	.	.	.	.	.
AT05	.	.	.	110	.	.	.	.	.	.	.	.
LRC07-4151L	.	.	.	101	.	.	.	.	.	.	.	.
Rambler	.	.	.	108	.	.	.	.	.	.	.	.
Rangelander	.	.	.	103	.	.	.	.	.	.	.	.
SC A101	.	.	.	108	.	.	.	.	.	.	.	.
Cuts	.	.	.	1	.	.	.	.	.	.	.	.
CV (%)	.	.	.	10.2	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	3,166	.	.	.	.	.	.	.	.

Summary WFT 2011 Cicer - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley	3,194	.	.
LRC00-04-06	2,997	.	.
LRC04-4051	3,314	.	.
LRC0405	2,851	.	.
Cuts	1	.	.
CV (%)	13.4	.	.
Trial Mean (kg/ha)	3,089	.	.

Summary WFT 2011 Cicer - Alberta

Cultivar	Forage Yield as % of Oxley											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley	100	.	.
LRC00-04-06	94	.	.
LRC04-4051	104	.	.
LRC0405	89	.	.
Cuts	1	.	.
CV (%)	13.4	.	.
Beaver (kg/ha)	3,194	.	.

Summary WFT 2011 Cicer - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley	4,069	.	.	5,919	.	.	6,813	.	.	5,723	.	.
LRC00-04-06	4,664	.	.	7,531	.	.	9,861	.	.	5,321	.	.
LRC04-4051	5,587	.	.	7,953	.	.	9,953	.	.	5,801	.	.
LRC0405	5,128	.	.	6,275	.	.	9,529	.	.	5,262	.	.
Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	11.3	.	.	14.6	.	.	9.4	.	.	9.3	.	.
Trial Mean (kg/ha)	4,862	.	.	6,920	.	.	9,039	.	.	5,527	.	.

Summary WFT 2011 Cicer - Saskatchewan

Cultivar	Forage Yield as % of Oxley											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley	100	.	.	100	.	.	100	.	.	100	.	.
LRC00-04-06	115	.	.	127	.	.	145	.	.	93	.	.
LRC04-4051	137	.	.	134	.	.	146	.	.	101	.	.
LRC0405	126	.	.	106	.	.	140	.	.	92	.	.
Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	11.3	.	.	14.6	.	.	9.4	.	.	9.3	.	.
Beaver (kg/ha)	4,069	.	.	5,919	.	.	6,813	.	.	5,723	.	.

Summary WFT 2011 Cicer - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley
LRC00-04-06
LRC04-4051
LRC0405
Cuts
CV (%)
Trial Mean (kg/ha)

Summary WFT 2011 Cicer - Manitoba

Cultivar	Forage Yield as % of Oxley											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Oxley
LRC00-04-06
LRC04-4051
LRC0405
Cuts
CV (%)
Beaver (kg/ha)

Summary WFT 2011 Hybrid Brome - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles	12,062	.	.
S9478B	13,176	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	12.4	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	12,619	.	.

Summary WFT 2011 Hybrid Brome - Alberta

Cultivar	Forage Yield as % of AC Knowles											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles	100	.	.
S9478B	109	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	12.4	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	12,062	.	.

Summary WFT 2011 Hybrid Brome - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles	4,328	.	.	14,413	.	.	12,304	.	.	9,565	.	.
S9478B	3,589	.	.	13,149	.	.	11,679	.	.	8,723	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	13.2	.	.	9.2	.	.	9.3	.	.	5.2	.	.
Trial Mean (kg/ha)	3,959	.	.	13,781	.	.	11,992	.	.	9,144	.	.

Summary WFT 2011 Hybrid Brome - Saskatchewan

Cultivar	Forage Yield as % of AC Knowles											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles	100	.	.	100	.	.	100	.	.	100	.	.
S9478B	83	.	.	91	.	.	95	.	.	91	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	13.2	.	.	9.2	.	.	9.3	.	.	5.2	.	.
Beaver (kg/ha)	4,328	.	.	14,413	.	.	12,304	.	.	9,565	.	.

Summary WFT 2011 Hybrid Brome - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles
S9478B

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Hybrid Brome - Manitoba

Cultivar	Forage Yield as % of AC Knowles											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
AC Knowles
S9478B

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Meadow Brome - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet	10,069	.	.
S9522	10,193	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	11.1	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	10,131	.	.

Summary WFT 2011 Meadow Brome - Alberta

Cultivar	Forage Yield as % of Fleet											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet	100	.	.
S9522	101	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	11.1	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	10,069	.	.

Summary WFT 2011 Meadow Brome - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet	3,752	.	.	14,306	.	.	16,269	.	.	9,650	.	.
S9522	4,133	.	.	15,399	.	.	14,297	.	.	10,150	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	20.6	.	.	1.6	.	.	18.4	.	.	20.4	.	.
Trial Mean (kg/ha)	3,943	.	.	14,853	.	.	15,283	.	.	9,900	.	.

Summary WFT 2011 Meadow Brome - Saskatchewan

Cultivar	Forage Yield as % of Fleet											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet	100	.	.	100	.	.	100	.	.	100	.	.
S9522	110	.	.	108	.	.	88	.	.	105	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	20.6	.	.	1.6	.	.	18.4	.	.	20.4	.	.
Beaver (kg/ha)	3,752	.	.	14,306	.	.	16,269	.	.	9,650	.	.

Summary WFT 2011 Meadow Brome - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet
S9522

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Meadow Brome - Manitoba

Cultivar	Forage Yield as % of Fleet											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Fleet
S9522

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Orchardgrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay	9,058	.	.
OG426	8,772	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	6.1	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	8,915	.	.

Summary WFT 2011 Orchardgrass - Alberta

Cultivar	Forage Yield as % of Kay											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay	100	.	.
OG426	97	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	6.1	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	9,058	.	.

Summary WFT 2011 Orchardgrass - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay	.	.	.	10,820	.	.	11,642	.	.	6,783	.	.
OG426	.	.	.	12,482	.	.	12,602	.	.	6,973	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	2.0	.	.	9.9	.	.	16.2	.	.
Trial Mean (kg/ha)	.	.	.	11,651	.	.	12,122	.	.	6,878	.	.

Summary WFT 2011 Orchardgrass - Saskatchewan

Cultivar	Forage Yield as % of Kay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay	.	.	.	100	.	.	100	.	.	100	.	.
OG426	.	.	.	115	.	.	108	.	.	103	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	2.0	.	.	9.9	.	.	16.2	.	.
Beaver (kg/ha)	.	.	.	10,820	.	.	11,642	.	.	6,783	.	.

Summary WFT 2011 Orchardgrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay
OG426

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Orchardgrass - Manitoba

Cultivar	Forage Yield as % of Kay											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Kay
OG426

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Red Clover - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede	5,539	.	.
Brandon Dwarf	3,337	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	12.4	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	4,438	.	.

Summary WFT 2011 Red Clover - Alberta

Cultivar	Forage Yield as % of Altaswede											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede	100	.	.
Brandon Dwarf	60	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	12.4	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	5,539	.	.

Summary WFT 2011 Red Clover - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede	13,561	.	.	.	.	.
Brandon Dwarf	7,291	.	.	.	.	.

Cuts	.	.	.	.	.	.	2	.	.	.	.	.
CV (%)	.	.	.	.	.	.	11.6	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	10,426	.	.	.	.	.

Summary WFT 2011 Red Clover - Saskatchewan

Cultivar	Forage Yield as % of Altaswede											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede	100	.	.	.	.	.
Brandon Dwarf	54	.	.	.	.	.

Cuts	.	.	.	.	.	.	2	.	.	.	.	.
CV (%)	.	.	.	.	.	.	11.6	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	13,561	.	.	.	.	.

Summary WFT 2011 Red Clover - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede
Brandon Dwarf

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Red Clover - Manitoba

Cultivar	Forage Yield as % of Altaswede											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Altaswede
Brandon Dwarf

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Sainfoin - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova	8,872	.	.
LRC3432	10,644	.	.
LRC3519	10,554	.	.
LRC3901	11,564	.	.
Cuts	2	.	.
CV (%)	10.3	.	.
Trial Mean (kg/ha)	10,409	.	.

Summary WFT 2011 Sainfoin - Alberta

Cultivar	Forage Yield as % of Nova											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova	100	.	.
LRC3432	120	.	.
LRC3519	119	.	.
LRC3901	130	.	.
Cuts	2	.	.
CV (%)	10.3	.	.
Beaver (kg/ha)	8,872	.	.

Summary WFT 2011 Sainfoin - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova	5,348	.	.	9,392	.	.	12,272	.	.	4,905	.	.
LRC3432	3,219	.	.	8,998	.	.	11,591	.	.	3,945	.	.
LRC3519	2,928	.	.	9,109	.	.	11,610	.	.	3,690	.	.
LRC3901	3,175	.	.	9,545	.	.	11,293	.	.	3,055	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	15.5	.	.	20.0	.	.	8.8	.	.	26.6	.	.
Trial Mean (kg/ha)	3,668	.	.	9,261	.	.	11,692	.	.	3,899	.	.

Summary WFT 2011 Sainfoin - Saskatchewan

Cultivar	Forage Yield as % of Nova											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova	100	.	.	100	.	.	100	.	.	100	.	.
LRC3432	60	.	.	96	.	.	94	.	.	80	.	.
LRC3519	55	.	.	97	.	.	95	.	.	75	.	.
LRC3901	59	.	.	102	.	.	92	.	.	62	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	15.5	.	.	20.0	.	.	8.8	.	.	26.6	.	.
Beaver (kg/ha)	5,348	.	.	9,392	.	.	12,272	.	.	4,905	.	.

Summary WFT 2011 Sainfoin - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova
LRC3432
LRC3519
LRC3901
Cuts
CV (%)
Trial Mean (kg/ha)

Summary WFT 2011 Sainfoin - Manitoba

Cultivar	Forage Yield as % of Nova											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Nova
LRC3432
LRC3519
LRC3901
Cuts
CV (%)
Beaver (kg/ha)

Summary WFT 2011 Tall Fescue - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay	12,447	.	.
Swaj	11,861	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	8.1	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	12,154	.	.

Summary WFT 2011 Tall Fescue - Alberta

Cultivar	Forage Yield as % of Courtenay											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay	100	.	.
Swaj	95	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	8.1	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	12,447	.	.

Summary WFT 2011 Tall Fescue - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay	4,053	.	.	12,658	.	.	13,729	.	.	11,183	.	.
Swaj	3,807	.	.	12,638	.	.	12,731	.	.	9,982	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	2.9	.	.	8.1	.	.	4.7	.	.	9.3	.	.
Trial Mean (kg/ha)	3,930	.	.	12,648	.	.	13,230	.	.	10,583	.	.

Summary WFT 2011 Tall Fescue - Saskatchewan

Cultivar	Forage Yield as % of Courtenay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay	100	.	.	100	.	.	100	.	.	100	.	.
Swaj	94	.	.	100	.	.	93	.	.	89	.	.

Cuts	1	.	.	2	.	.	2	.	.	2	.	.
CV (%)	2.9	.	.	8.1	.	.	4.7	.	.	9.3	.	.
Beaver (kg/ha)	4,053	.	.	12,658	.	.	13,729	.	.	11,183	.	.

Summary WFT 2011 Tall Fescue - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay
Swaj

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Tall Fescue - Manitoba

Cultivar	Forage Yield as % of Courtenay											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Courtenay
Swaj

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Timothy - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax	11,414	.	.
AC Pratt	11,274	.	.
ST1	8,843	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	11.7	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	10,510	.	.

Summary WFT 2011 Timothy - Alberta

Cultivar	Forage Yield as % of Climax											
	3			4						Irrigation		
	Vegreville			Fort Kent			Westlock			Lethbridge		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax	100	.	.
AC Pratt	99	.	.
ST1	77	.	.

Cuts	.	.	.	.	.	.	.	.	.	2	.	.
CV (%)	.	.	.	.	.	.	.	.	.	11.7	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	11,414	.	.

Summary WFT 2011 Timothy - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax	.	.	.	11,372	.	.	11,219	.	.	6,296	.	.
AC Pratt	.	.	.	15,719	.	.	13,736	.	.	7,438	.	.
ST1	.	.	.	12,512	.	.	12,962	.	.	7,132	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	22.5	.	.	10.8	.	.	12.5	.	.
Trial Mean (kg/ha)	.	.	.	13,201	.	.	12,639	.	.	6,955	.	.

Summary WFT 2011 Timothy - Saskatchewan

Cultivar	Forage Yield as % of Climax											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax	.	.	.	100	.	.	100	.	.	100	.	.
AC Pratt	.	.	.	138	.	.	122	.	.	118	.	.
ST1	.	.	.	110	.	.	116	.	.	113	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	22.5	.	.	10.8	.	.	12.5	.	.
Beaver (kg/ha)	.	.	.	11,372	.	.	11,219	.	.	6,296	.	.

Summary WFT 2011 Timothy - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax
AC Pratt
ST1

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2011 Timothy - Manitoba

Cultivar	Forage Yield as % of Climax											
	3											
	Arborg			Carberry			Kelburn			Rosebank		
	2012	2013	2014	2012	2013	2014	2012	2013	2014	2012	2013	2014
Climax
AC Pratt
ST1

Cuts	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	.	.	.	.	.	.	.	.	.	.	.	.
Beaver (kg/ha)	.	.	.	.	.	.	.	.	.	.	.	.

Application for Entry into Registration Trials

1. Species (Alfalfa, *Medicago sativa*) :

2. Experimental Name or Number :

3. Variety Name (if named) :

	Name	Address	E-mail
Applicant			
Breeder			
Who to Invoice			

5. Seed Origin: Outline the procedure for producing the seed that has been submitted; include the location, year and procedure for producing each synthetic seed generation.

6. Brief Variety Description

7. Maturity: Indicate the relative maturity (early, medium, late) if applicable.

8. Specialty Traits: Other noteworthy traits of the entry, if applicable.

Submit 2kg seed

9. Check locations where you would like the seed tested:

All Locations - or

Alberta

- Fort Kent
- Lethbridge
- Vegreville
- Westlock

Saskatchewan

- Melfort
- Outlook
- Saskatoon
- Swift Current

Manitoba

- Arborg
- Rosebank
- Carberry
- Glenlea

The fee for all 12 sites is \$900/entry/year (\$75/entry/location). Companies will be invoiced annually for each year of the test (establishment year plus three harvest years). If reseeding is required at any site, companies will not be invoiced for those sites in the year of reseeding.

Note:

Seed entering Canada from the U.S.A. must have a purity and germination certificate from a lab using the official Canadian Methods and Procedures for Testing Seed. Seed sent without this certificate will not be accepted.

Send applications for entries and seed (2kg) to:

DOUG FRIEBEL
Agriculture & Agri-Food Canada
5403 – 1st Ave. S.
Box 3000 Main
LETHBRIDGE, AB T1J 4B1
Phone: 403-317-2151 ext 4227
Cell: 403-894-0315
Fax: 403-382-3156
E-mail: doug.friebel@agr.gc.ca

Deadlines:

Entry Form:
 - February 15

Seed:
 - March 15

Submit 2kg seed

Western Forage Testing Coordination Committee
Forage Trial Assessment Form

Location
Year of Seeding
Species
Assessors
Decision:

_____ **Accept** _____ **Reject** _____ **Conditionally Accept**

Comments and Conditions of Acceptance: