

**Alberta  
Agriculture & Food**

**Saskatchewan  
Agriculture & Food**

**Manitoba Agriculture,  
Food and Rural Initiative**

**WFTEST:  
The Western Forage  
Testing System  
Report  
2007**



**\* 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 when statistically significant differences are present using the 5% level of significance. This means there is a 95% probability that you can reject the hypothesis that the treatments are the same or there is only a 5% probability that the treatment differences occurred by chance. 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

Revised January 2005

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## 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 and companies will be invoiced annually for each year of the test. If reseeded is required at any site, companies will not be invoiced for those sites in the year of reseeded. 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. General Information

#### 3.1 Sites

##### a) Manitoba

- Arborg (black) Area 3
- Rosebank (black) Area 3
- St-Pierre-Jolys (black) Area 3

##### b) Saskatchewan

- Swift Current (brown) Area 1
- Saskatoon (dark brown) Area 2
- Melfort (black) Area 3
- Outlook (dark brown) Irrigation

##### c) Alberta

- Vegreville (black) Area 3
- Fort Kent (grey wooded) Area 4
- Westlock (grey wooded) Area 4
- Lethbridge (dark brown) Irrigation



### 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 and trial data with CV's of 20% or higher will be noted.

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:**

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## Western Forage Testing Coordinating Committee

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## Species and Origin of Entries in WFTesting System

### Alfalfa 2004

1.	CW 52044	Brett-Young Seeds Ltd.
2.	MS Sunstra-422	Brett-Young Seeds Ltd.
3.	MS Sunstra-423	Brett-Young Seeds Ltd.
4.	FG-4G73 (dropped from testing 2006)	SW Seed Ltd.
5.	P435	Pickseed Canada Inc.
6.	CW 83021	Northstar Seeds Ltd.
7.	SCL30001	AAFC Swift Current
8.	SCL39801	AAFC Swift Current
9.	Beaver	Check
10.	AC Blue J	Check
11.	Rambler	Check
12.	Rangelander	Check

### Alfalfa 2005

1.	WL 319 HQ	W-L Research
2.	1P10 (Equinox)	AgricoreUnited / Proven Seeds
3.	1P11 (Convoy)	AgricoreUnited / Proven Seeds
4.	C211-201	Northstar Seed Ltd.
5.	53Q30	Pioneer Hi-Bred Ltd.
6.	SL-A5001	Seed-Link Inc.
7.	KL A100 (Keho Lake)	AAFC Lethbridge
8.	PG A8 (Prince George)	AAFC Lethbridge
9.	SC A101 (Salt Tolerant)	AAFC Lethbridge
10.	Beaver	Check
11.	AC Blue J	Check
12.	Rambler	Check
13.	Rangelander	Check

### **Alfalfa 2007**

1.	54V09	Pioneer Hi-Bred Ltd.
2.	DS721	Brett-Young Seeds Ltd.
3.	DS722	Brett-Young Seeds Ltd.
4.	PG	AAFC-Lethbridge
5.	LLB	AAFC-Lethbridge
6.	AMP 10Z	Ampac
7.	NS07-ALFQT	Northstar Seeds
8.	NS07-ALFI4	Northstar Seeds
9.	SF 2103	Coop fédérée
10.	SF 2104	Coop fédérée
11.	SF 2303	Coop fédérée
12.	CW 02001	Proven Seed
13.	Legendairy 5.0	Fraser Seeds
14.	Beaver	Check
15.	AC Blue J	Check
16.	Rambler	Check
17.	Rangelander	Check

### **Crested Wheatgrass 2007**

1.	S9240M	AAFC-Saskatoon
2.	S9489	AAFC-Saskatoon
3.	Kirk	Check

### **Italian Ryegrass 2007**

1.	Feast II	Ampac
2.	Maris Ledger	Check

### **Meadow Bromegrass 2004**

1.	S9465	AAFC Saskatoon
2.	SMB01	AAFC Saskatoon
3.	SMB02	AAFC Saskatoon
4.	Fleet	Check

### **Meadow Bromegrass 2007**

1.	NS07-01	Northstar Seeds
2.	Fleet	Check

### **Meadow Fescue 2004**

1.	Preval	Northstar Seeds Ltd.
2.	Mimer	Check

### **Misc Grasses 2005**

- |    |              |  |
|----|--------------|--|
| 1. | ARC 101-1    | Canadian Wildrye, Alberta Research Council |
| 2. | ARC 103-1    | Nodding Brome, Alberta Research Council    |
| 3. | Spring Green | Festulolium, Turf-Seed Inc.                |
| 4. | Carlton      | Smooth Brome, Check                        |
| 5. | Fleet        | Meadow Brome, Check                        |

### **Orchard grass 2004**

- |    |              |                     |
|----|--------------|---------------------|
| 1. | 2000ABC      | Northstar Seed Ltd. |
| 2. | 2000DEF      | Northstar Seed Ltd. |
| 3. | Early Arctic | Northstar Seed Ltd. |
| 4. | Kay          | Check               |

### **Orchard grass 2007**

- |    |         |                 |
|----|---------|-----------------|
| 1. | NOG01   | Farm-Pure       |
| 2. | TS-PX4  | Tomorrow Seeds  |
| 3. | OG 96-2 | AAFC Lethbridge |
| 4. | Tekapo  | Ampac           |
| 5. | Kay     | Check           |

### **Perennial Ryegrass 2007**

- |    |        |       |
|----|--------|-------|
| 1. | Power  | Ampac |
| 2. | Norlea | Check |

### **Red Clover 2007**

- |    |             |       |
|----|-------------|-------|
| 1. | Starfire II | Ampac |
| 2. | Atlaswede   | Check |

### **Smooth Brome 2007**

- |    |         |       |
|----|---------|-------|
| 1. | York    | Ampac |
| 2. | Carlton | Check |

### **Tall Fescue 2007**

- |    |           |           |
|----|-----------|-----------|
| 1. | NTF03     | Farm-Pure |
| 2. | Courtenay | Check     |

### **Timothy 2004**

- |    |           |              |
|----|-----------|--------------|
| 1. | SW TT2527 | SW Seed Ltd. |
| 2. | Climax    | Check        |

### **Timothy 2005**

- |    |           |              |
|----|-----------|--------------|
| 1. | SW TT2503 | SW Seed Ltd. |
| 2. | Climax    | Check        |

### **Timothy 2007**

- |    |            |                 |
|----|------------|-----------------|
| 1. | NS07-TIMHN | Northstar Seeds |
| 2. | NS07-TIMTE | Northstar Seeds |
| 3. | Climax     | Check           |

**2002 WFT Alfalfa, Outlook SK, Area - Irrigation**  
re-seeded in 2005

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 28-Jun	Cut 2 9-Aug	Cut 3 .		
Rangelander	3904	4216	.	8120	130
Rambler	4276	3326	.	7512	120
DS233	3281	3876	.	7157	115
DS234	2835	3651	.	6486	104
<b>Beaver</b>	<b>2940</b>	<b>3301</b>	.	<b>6241</b>	<b>100</b>
DS235	2674	3136	.	5810	93
AC Blue J	2412	3331	.	5743	92
LRC01CR	2112	3080	.	5192	83
DS236	2174	2959	.	5183	83
54Q25	2185	2562	.	4747	76
55V05	.	.	.	.	.
NS02CK	.	.	.	.	.
mean	2905	3352	.	6257	100
CV (%)	18.2	18.3	.	15.8	
LSD (0.05)	772	896	.	1444	
CV (%) (sqrt)	.	.	.	.	

Note: 55V05 and NS02CK were non productive due to winter kill

2004 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 June 13	Cut 2 July 30	Cut 3 Sept 28		
CW 83021	8189	5839	3205	17232	129
FG-4G73	7334	5398	2619	15351	115
CW 52044	7037	5406	2725	15167	114
Rangelander	7277	4586	1846	13709	103
<b>Beaver</b>	<b>6912</b>	<b>4710</b>	<b>1692</b>	<b>13313</b>	<b>100</b>
Rambler	6576	4594	2098	13268	100
AC Blue J	6163	5096	1773	13033	98
P435	6451	4741	1244	12436	93
MS Sunstra-422	6518	4222	1139	11879	89
MS Sunstra-423	5376	4006	724	10106	76
mean	6783	4860	1906	13549	102
CV (%)	16.48	13.24	30.42	15.88	
LSD (0.05)	1347	775	699	2592	
CV (%) (sqrt)	8.33	6.6	16.49	8.02	

2004 WFT Alfalfa, Vegreville AB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 July 3	Cut 2	Cut 3		
FG-4G73	4998	.	.	4998	106
CW 83021	4890	.	.	4890	104
<b>Beaver</b>	<b>4713</b>	.	.	<b>4713</b>	<b>100</b>
Rangelander	4670	.	.	4670	99
P435	4469	.	.	4469	95
CW 52044	4368	.	.	4368	93
AC Blue J	4238	.	.	4238	90
MS Sunstra-423	4153	.	.	4153	88
Rambler	4140	.	.	4140	88
MS Sunstra-422	3902	.	.	3902	83
mean	4454	.	.	4454	95
CV (%)	24.84	.	.	24.84	
LSD (0.05)	1333	.	.	1333	
CV (%) (sqrt)	12.41	.	.	12.41	



2004 WFT Alfalfa, Fort Kent AB, Area - 4

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 July 12	Cut 2	Cut 3		
<b>Beaver</b>	<b>8390</b>	.	.	<b>8390</b>	<b>100</b>
Rambler	8046	.	.	8046	96
Rangelander	7801	.	.	7801	93
CW 83021	7622	.	.	7622	91
MS Sunstra-422	7543	.	.	7543	90
CW 52044	7265	.	.	7265	87
MS Sunstra-423	7241	.	.	7241	86
P435	7224	.	.	7224	86
AC Blue J	6951	.	.	6951	83
FG-4G73	6422	.	.	6422	77
mean	7450	.	.	7450	89
CV (%)	19.13	.	.	19.13	
LSD (0.05)	1717	.	.	1717	
CV (%) (sqrt)	10.00	.	.	10.00	

2004 WFT Alfalfa, Brooks AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 11-Jun	Cut 2 18-Jul	Cut 3 04-Sep		
CW 83021	6955	4096	5111	16162	143
P435	6110	4026	4848	14984	133
MS Sunstra-423	5959	3593	4887	14438	128
MS Sunstra-422	6324	3471	4536	14332	127
FG-4G73	6030	3676	4503	14209	126
AC Blue J	5873	3332	4783	13988	124
CW 52044	4993	2728	4328	12049	107
Rangelander	5400	2953	3734	12087	107
Rambler	5132	3024	3446	11601	103
<b>Beaver</b>	<b>4639</b>	<b>2736</b>	<b>3920</b>	<b>11295</b>	<b>100</b>
mean	5742	3364	4410	13515	120
CV (%)	8.0	10.5	7.2	4.3	
LSD (0.05)	666	511	458	847	
CV (%) (sqrt)					

2004 WFT Alfalfa, Westlock AB, Area - 4

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 21-Jun	Cut 2 14-Aug	Cut 3 .		
P435	7739	5764	.	13503	107
CW 83021	7676	4915	.	12591	100
<b>Beaver</b>	<b>7600</b>	<b>4979</b>	.	<b>12578</b>	<b>100</b>
MS Sunstra-423	7617	4944	.	12561	100
MS Sunstra-422	6683	5627	.	12310	98
FG-4G73	7295	4945	.	12240	97
AC Blue J	7398	4647	.	12045	96
CW 52044	7658	4364	.	12023	96
Rambler	7389	3960	.	11349	90
Rangelander	7490	3832	.	11322	90
mean	7455	4798	.	12252	97
CV (%)	8.60	13.60	.	9.18	
LSD (0.05)	772	786	.	1354	
CV (%) (sqrt)	4.33	6.75	.	4.59	

2004 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
Rangelander	2516	.	.	2516	137
Rambler	1976	.	.	1976	108
AC Blue J	1862	.	.	1862	102
MS Sunstra-423	1861	.	.	1861	102
<b>Beaver</b>	<b>1830</b>	.	.	<b>1830</b>	<b>100</b>
CW 52044	1812	.	.	1812	99
FG-4G73	1686	.	.	1686	92
MS Sunstra-422	1645	.	.	1645	90
CW 83021	1580	.	.	1580	86
P435	1580	.	.	1580	86
mean	1835	.	.	1835	100
CV (%)	24.51	.	.	24.51	
LSD (0.05)	542	.	.	542	
CV (%) (sqrt)	12.59	.	.	12.59	

2004 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 04-Jul	Cut 2 13-Aug	Cut 3 .		
AC BLUE J	6347	3027	.	9374	111
P435	6209	2952	.	9161	109
MS SUNTRA 422	6324	2821	.	9145	108
CW 83021	5870	3077	.	8947	106
CW 52044	6477	2280	.	8757	104
MS SUNTRA 423	6155	2562	.	8717	103
FG-4G73	5815	2886	.	8702	103
RAMBLER	6513	2016	.	8529	101
<b>BEAVER</b>	<b>5761</b>	<b>2676</b>	.	<b>8437</b>	<b>100</b>
SCL 39801	6206	1827	.	8033	95
SCL 30001	5957	1667	.	7624	90
RANGELANDER	5876	1671	.	7547	89
mean	6126	2455	.	8581	102
CV (%)	12.5	24.9	.	12.7	
LSD (0.05)	1107	881	.	1569	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 03-Jul	Cut 2 02-Aug	Cut 3 .		
AC BLUE J	5319	4582	.	9901	108
FG-4G73	4820	4920	.	9740	106
SCL 30001	4635	4889	.	9524	104
MS SUNTRA 423	4900	4584	.	9484	103
CW 52044	4939	4492	.	9431	103
SCL 39801	4904	4526	.	9430	103
RAMBLER	4930	4446	.	9376	102
P435	5087	4237	.	9324	102
MS SUNTRA 422	5276	4042	.	9318	102
<b>BEAVER</b>	<b>4846</b>	<b>4334</b>	.	<b>9180</b>	<b>100</b>
CW 83021	4867	4159	.	9026	98
RANGELANDER	4945	4078	.	9023	98
mean	4956	4441	.	9396	102
CV (%)	13.4	12.9	.	9.8	
LSD (0.05)	960	825	.	1333	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Alfalfa, Arborg MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
MS Sunstra-423	4871	4413	.	9285	108
CW 52044	5190	4022	.	9213	108
CW 83021	5124	3901	.	9025	105
MS Sunstra-422	5001	3908	.	8909	104
AC Blue J	5163	3511	.	8674	101
P435	4557	4035	.	8592	100
<b>Beaver</b>	<b>4830</b>	<b>3731</b>	.	<b>8560</b>	<b>100</b>
FG-4G73	4520	3983	.	8502	99
Rangelander	4272	3352	.	7624	89
Rambler	4132	3492	.	7623	89
mean	4766	3835	.	8601	100
CV (%)	11.66	12.10	.	8.28	
LSD (0.05)	806	673	.	1034	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Alfalfa, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 15-Jun	Cut 2 20-Jul	Cut 3 17-Aug		
CW 83021	10069	5159	3903	19131	138
MS Sunstra-422	9042	4404	3423	17218	124
P435	7531	4931	3321	15783	114
MS Sunstra-423	8098	4327	3046	15471	111
AC Blue J	8657	3563	2467	14687	106
FG-4G73	7431	4225	3010	14667	106
<b>Beaver</b>	<b>8119</b>	<b>3484</b>	<b>2276</b>	<b>13879</b>	<b>100</b>
CW 52044	6703	3007	1809	11519	83
Rangelander	7241	2450	1451	11142	80
Rambler	6884	2239	1061	10183	73
mean	7977	3779	2577	14368	104
CV (%)	18.47	7.56	24.32	14.19	
LSD (0.05)	2142	415	909	2963	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Alfalfa, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
Rambler	4541	3120	.	7661	113
FG-4G73	4628	2997	.	7625	112
Rangelander	4398	2921	.	7320	108
CW 83021	4360	2899	.	7258	107
MS Sunstra-422	4597	2583	.	7180	106
P435	4348	2562	.	6910	102
<b>Beaver</b>	<b>3876</b>	<b>2910</b>	.	<b>6785</b>	<b>100</b>
MS Sunstra-423	4500	1752	.	6252	92
AC Blue J	3523	2354	.	5876	87
CW 52044	2688	2766	.	5454	80
mean	4146	2686	.	6832	101
CV (%)	28.04	36.92	.	22.12	
LSD (0.05)	1687	1439	.	2193	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 26-Jun	Cut 2 31-Jul	Cut 3 .		
SL-A5001	6757	4459	.	11215	108
WL 319 HQ	6662	4484	.	11146	107
53Q30	6551	4574	.	11125	107
Keho Lake	6465	4140	.	10604	102
<b>Beaver</b>	<b>6307</b>	<b>4108</b>	.	<b>10415</b>	<b>100</b>
Prince George	6315	4006	.	10320	99
AC Blue J	5959	4248	.	10208	98
Equinox	5896	4133	.	10030	96
Salt Tolerante	6023	3961	.	9984	96
Rambler	6031	3636	.	9666	93
Rangelander	5991	3508	.	9499	91
Convoy	5377	4027	.	9404	90
C211-201	5375	3859	.	9234	89
mean	6131	4088	.	10219	98
CV (%)	14.29	13.83	.	13.35	
LSD (0.05)	929	600	.	1447	
CV (%) (sqr)	7.18	6.96	.	6.69	

2005 WFT Alfalfa, Vegreville AB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 3-Jul	Cut 2 .	Cut 3 .		
Convoy	6710	.	.	6710	105
<b>Beaver</b>	<b>6371</b>	.	.	<b>6371</b>	<b>100</b>
Rangelander	6208	.	.	6208	97
53Q30	6065	.	.	6065	95
SL-A5001	6014	.	.	6014	94
Keho Lake	5671	.	.	5671	89
Equinox	5659	.	.	5659	89
Salt Tolerante	5409	.	.	5409	85
Rambler	5358	.	.	5358	84
WL 319 HQ	5330	.	.	5330	84
C211-201	5265	.	.	5265	83
Prince George	4481	.	.	4481	70
AC Blue J	4288	.	.	4288	67
mean	5602	.	.	5602	88
CV (%)	21.53	.	.	21.53	
LSD (0.05)	1440	.	.	1440	
CV (%) (sqr)	10.57	.	.	10.57	

### 2005 WFT Alfalfa, Brooks AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )				% of Beaver
	Cut 1 11-Jun	Cut 2 18-Jul	Cut 3 4-Sep	Total	
SL-A5001	5776	3352	4973	14102	119
53Q30	5584	3316	5191	14091	119
Equinox	5466	3319	5164	13949	118
Convoy	5279	3200	5295	13774	117
WL 319 HQ	5409	3247	4669	13325	113
Prince George	5250	3143	4761	13154	111
AC Blue J	4638	3045	5301	12984	110
Salt Tolerant	5037	2864	4464	12365	105
Keho Lake	4795	2579	4604	11978	101
C211-201	4724	2971	4245	11940	101
Rangelander	5437	2655	3834	11926	101
<b>Beaver</b>	<b>4414</b>	<b>2627</b>	<b>4762</b>	<b>11803</b>	<b>100</b>
Rambler	5206	2294	3867	11367	96
mean	5155	2970	4702	12828	109
CV (%)	10.7	9.8	10.9	8.0	
LSD (0.05)	789	419	735	1464	
CV (%) (sqrt)	.	.	.	.	

### 2005 WFT Alfalfa, Westlock AB, Area - 4

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )				% of Beaver
	Cut 1 22-Jun	Cut 2 14-Aug	Cut 3 .	Total	
Rambler	7684	4236	.	11920	106
SL-A5001	7132	4492	.	11624	103
53Q30	7464	4144	.	11608	103
Keho Lake	6980	4453	.	11433	101
<b>Beaver</b>	<b>6792</b>	<b>4494</b>	.	<b>11286</b>	<b>100</b>
Equinox	6619	4564	.	11182	99
WL 319 HQ	6872	4193	.	11065	98
Salt Tolerante	7392	3496	.	10888	96
C211-201	6733	4145	.	10878	96
AC Blue J	6735	3899	.	10634	94
Prince George	6355	4141	.	10496	93
Rangelander	6725	3633	.	10357	92
Convoy	7019	2783	.	9802	87
mean	6962	4052	.	11013	98
CV (%)	18.52	17.69	.	12.82	
LSD (0.05)	1539	856	.	1686	
CV (%) (sqrt)	9.18	8.6	.	6.43	

2005 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 20-Jun	Cut 2	Cut 3		
Rangelander	2281	.	.	2281	111
SL-A5001	2082	.	.	2082	101
Keho Lake	2064	.	.	2064	100
<b>Beaver</b>	<b>2058</b>	.	.	<b>2058</b>	<b>100</b>
Prince George	2049	.	.	2049	100
Rambler	2043	.	.	2043	99
Equinox	2024	.	.	2024	98
Convoy	1932	.	.	1932	94
WL 319 HQ	1924	.	.	1924	93
C211-201	1897	.	.	1897	92
Salt Tolerante	1891	.	.	1891	92
53Q30	1782	.	.	1782	87
AC Blue J	1715	.	.	1715	83
mean	1980	.	.	1980	96
CV (%)	7.85	.	.	7.85	
LSD (0.05)	186	.	.	186	
CV (%) (sqrt)	3.95	.	.	3.95	

2005 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 5-Jul	Cut 2 13-Aug	Cut 3		
Convoy	6001	4015	.	10016	102
AC BLUE J	6357	3581	.	9938	101
53Q30	6061	3877	.	9938	101
Equinox	5900	3926	.	9826	100
<b>BEAVER</b>	<b>6326</b>	<b>3466</b>	.	<b>9792</b>	<b>100</b>
RANGELANDER	6698	3075	.	9773	100
Keho Lake	6404	3299	.	9702	99
SL-A5001	5963	3701	.	9664	99
WL319HQ	5807	3699	.	9506	97
Prince George	6060	3439	.	9499	97
Salt Tolerant	6051	3115	.	9166	94
C211-201	5735	3275	.	9010	92
RAMBLER	6078	2914	.	8992	92
mean	6111	3491	.	9602	98
CV (%)	8	11.2	.	7.7	
LSD (0.05)	704	561	.	1061	
CV (%) (sqrt)	.	.	.	.	



2005 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )				% of Beaver
	Cut 1 4-Jul	Cut 2 3-Aug	Cut 3 .	Total	
AC BLUE J	6300	6032	.	12332	101
<b>BEAVER</b>	<b>6331</b>	<b>5849</b>	.	<b>12180</b>	<b>100</b>
Equinox	5945	6169	.	12114	99
Convoy	6071	5923	.	11994	98
WL319HQ	6152	5765	.	11917	98
SL-A5001	5948	5768	.	11716	96
53Q30	5603	6044	.	11647	96
Salt Tolerant	5852	5615	.	11467	94
RANGELANDER	6170	4859	.	11029	91
Keho Lake	5770	5160	.	10930	90
Prince George	5552	5167	.	10719	88
RAMBLER	5916	4500	.	10416	86
C211-201	4975	5334	.	10309	85
mean	5891	5553	.	11443	94
CV (%)	9.8	8.5	.	7.7	
LSD (0.05)	836	679	.	1276	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Alfalfa, Outlook SK, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )				% of Beaver
	Cut 1 28-Jun	Cut 2 9-Aug	Cut 3 .	Total	
Prince George	4005	3755	.	7760	121
RAMBLER	4489	3166	.	7655	119
Keho Lake	4223	3426	.	7649	119
Salt Tolerant	3542	4013	.	7555	117
SL-A5001	3202	3668	.	6870	107
RANGELANDER	3604	3202	.	6806	106
WL319HQ	3163	3468	.	6631	103
AC BLUE J	2831	3669	.	6500	101
C211-201	3002	3490	.	6492	101
<b>BEAVER</b>	<b>3168</b>	<b>3268</b>	.	<b>6436</b>	<b>100</b>
Convoy	2787	3263	.	6050	94
Equinox	2823	3219	.	6042	94
53Q30	2623	3163	.	5786	90
mean	3343	3444	.	6787	105
CV (%)	21.7	15.8	.	14.4	
LSD (0.05)	1043	782	.	1407	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Alfalfa, Arborg MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
53Q30	6443	5321	.	11764	106
Convoy	6054	5604	.	11657	105
Prince George	6420	4715	.	11135	101
Rambler	6452	4681	.	11133	101
<b>Beaver</b>	<b>6405</b>	<b>4671</b>	.	<b>11076</b>	<b>100</b>
AC Blue J	6306	4675	.	10981	99
C211-201	5870	4946	.	10816	98
Rangelander	6227	4546	.	10773	97
SL-A5001	5364	5177	.	10542	95
Equinox	5510	5004	.	10513	95
Keho Lake	6126	4169	.	10294	93
WL 319HQ	5694	4539	.	10232	92
Salt Tolerant	5796	4254	.	10050	91
mean	6051	4792	.	10843	98
CV (%)	12.50	13.94	.	10.50	
LSD (0.05)	1085	958	.	1633	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Alfalfa, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1 14-Jun	Cut 2	Cut 3		
Prince George	7263	.	.	7263	100
<b>Beaver</b>	<b>7251</b>	.	.	<b>7251</b>	<b>100</b>
Keho Lake	7212	.	.	7212	99
Rambler	7150	.	.	7150	99
C211-201	6875	.	.	6875	95
53Q30	6798	.	.	6798	94
Salt Tolerante	6777	.	.	6777	93
WL 319 HQ	6633	.	.	6633	91
Convoy	6609	.	.	6609	91
Equinox	6328	.	.	6328	87
SL-A5001	6135	.	.	6135	85
AC Blue J	6014	.	.	6014	83
Rangelander	5920	.	.	5920	82
mean	6690	.	.	6690	92
CV (%)	14.35	.	.	14.35	
LSD (0.05)	1376	.	.	1376	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Alfalfa, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Beaver
	Cut 1	Cut 2	Cut 3		
Salt Tolerant	5245	4081	.	9326	105
Equinox	5112	3934	.	9046	102
WL 319HQ	4866	4033	.	8899	100
<b>Beaver</b>	<b>4949</b>	<b>3919</b>	.	<b>8868</b>	<b>100</b>
Rangelander	4820	3986	.	8806	99
Rambler	5091	3626	.	8717	98
Keho Lake	4851	3796	.	8646	97
53Q30	4692	3906	.	8599	97
Convoy	4876	3681	.	8556	96
Prince George	4998	3555	.	8553	96
C211-201	4722	3763	.	8485	96
AC Blue J	4636	3625	.	8261	93
SL-A5001	3451	3754	.	7205	81
mean	4793	3820	.	8613	97
CV (%)	23.02	11.81	.	14.68	
LSD (0.05)	1582	647	.	1813	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Italian Ryegrass, Lethbridge AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of <b>Maris Ledger</b>
	Cut 1 30-Jul	Cut 2 1-Oct	Cut 3 .		
NS04-I01	2256	1169	.	3426	105
<b>Maris Ledger</b>	<b>2125</b>	<b>1126</b>	.	<b>3251</b>	<b>100</b>
mean	2190	1148	.	3338	97
CV (%)	19.52	24.96	.	19.49	
LSD (0.05)	577	386	.	877	
CV (%) (sqrt)	10.47	12.26	.	9.89	

**2004 WFT Meadow Bromegrass, Lethbridge AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 15-Jun	Cut 2 30-Jul	Cut 3 1-Oct		
S9465	5858	1233	2389	9480	102
SMB01	5522	1361	2705	9588	103
SMB02	6272	1202	1974	9448	101
<b>Fleet</b>	<b>5331</b>	<b>1170</b>	<b>2836</b>	<b>9337</b>	<b>100</b>
mean	5746	1241	2476	9463	101
CV (%)	22.71	27.02	52.59	23.90	
LSD (0.05)	1692	435	1688	2932	
CV (%) (sqrt)	11.51	13.69	24.90	12.36	

**2004 WFT Meadow Bromegrass, Vegreville AB, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 4-Jul	Cut 2	Cut 3		
SMB02	3761	.	.	3761	159
SMB01	3505	.	.	3505	149
S9465	3460	.	.	3460	147
<b>Fleet</b>	<b>2358</b>	.	.	<b>2358</b>	<b>100</b>
mean	3271	.	.	3271	139
CV (%)	15.20	.	.	15.20	
LSD (0.05)	644	.	.	644	
CV (%) (sqrt)	8.04	.	.	8.04	

**2004 WFT Meadow Bromegrass, Fort Kent AB, Area - 4**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 18-Jul	Cut 2	Cut 3		
SMB01	2021	.	.	2021	136
S9465	1863	.	.	1863	126
SMB02	1666	.	.	1666	112
<b>Fleet</b>	<b>1482</b>	.	.	<b>1482</b>	<b>100</b>
mean	1758	.	.	1758	119
CV (%)	36.71	.	.	36.71	
LSD (0.05)	836	.	.	836	
CV (%) (sqrt)	19.47	.	.	19.47	

**2004 WFT Meadow Bromegrass, Brooks AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 11-Jun	Cut 2 4-Sep	Cut 3 .		
SMB01	9221	4913	.	14134	101
SMB02	9385	4652	.	14037	100
<b>Fleet</b>	<b>9543</b>	<b>4487</b>	.	<b>14030</b>	<b>100</b>
S9465	8841	4158	.	12999	93
mean	9248	4553	.	13800	
CV (%)	10.1	12.4	.	9.2	
LSD (0.05)	NS	NS	.	NS	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Bromegrass, Westlock AB, Area - 4**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 21-Jun	Cut 2 14-Aug	Cut 3 .		
SMB01	7196	1256	.	8451	103
<b>Fleet</b>	<b>7018</b>	<b>1221</b>	.	<b>8239</b>	<b>100</b>
SMB02	7094	1037	.	8132	99
S9465	6249	1055	.	7304	89
mean	6889	1142	.	8031	97
CV (%)	8.43	30.48	.	7.97	
LSD (0.05)	752	451	.	829	
CV (%) (sqrt)	3.78	14.86	.	3.72	

**2004 WFT Meadow Bromegrass, Swift Current SK, Area - 1**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 21-Jun	Cut 2 .	Cut 3 .		
S9465	990	.	.	990	121
SMB01	901	.	.	901	110
SMB02	857	.	.	857	105
<b>Fleet</b>	<b>819</b>	.	.	<b>819</b>	<b>100</b>
mean	892	.	.	892	109
CV (%)	17.35	.	.	17.35	
LSD (0.05)	247	.	.	247	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Bromegrass, Saskatoon SK, Area - 2**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 4-Jul	Cut 2 27-Sep	Cut 3 .		
SMB01	6587	1024	.	7611	119
S-9465	6203	1095	.	7298	114
<b>FLEET</b>	<b>5580</b>	<b>805</b>	.	<b>6386</b>	<b>100</b>
SMB02	5180	899	.	6079	95
mean	5888	956	.	6843	107
CV (%)	8.10	20.80	.	7.50	
LSD (0.05)	767	318	.	822	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Bromegrass, Melfort SK, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 26-Jul	Cut 2 .	Cut 3 .		
S-9465	6217	.	.	6217	106
SMB01	6130	.	.	6130	104
SMB02	6059	.	.	6059	103
<b>FLEET</b>	<b>5886</b>	.	.	<b>5886</b>	<b>100</b>
mean	6073	.	.	6073	
CV (%)	6.40	.	.	6.40	
LSD (0.05)	625	.	.	625	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Bromegrass, Arborg MB, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 .	Cut 2 .	Cut 3 .		
SMB01	5471	.	.	5471	100
<b>Fleet</b>	<b>5459</b>	.	.	<b>5459</b>	<b>100</b>
SMB02	5341	.	.	5341	98
S9465	5031	.	.	5031	92
mean	5325	.	.	5325	98
CV (%)	13.70	.	.	13.70	
LSD (0.05)	1167	.	.	1167	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Meadow Bromegrass, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 17-Jul	Cut 2	Cut 3		
SMB01	9907	.	.	9907	110
SMB02	9470	.	.	9470	105
S9465	9461	.	.	9461	105
<b>Fleet</b>	<b>9048</b>	.	.	<b>9048</b>	<b>100</b>
mean	9472	.	.	9472	105
CV (%)	12.68	.	.	12.68	
LSD (0.05)	1920	.	.	1920	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Meadow Bromegrass, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1	Cut 2	Cut 3		
<b>Fleet</b>	<b>4373</b>	.	.	<b>4373</b>	<b>100</b>
SMB01	4130	.	.	4130	94
S9465	3999	.	.	3999	91
SMB02	3904	.	.	3904	89
mean	4101	.	.	4101	94
CV (%)	6.75	.	.	6.75	
LSD (0.05)	443	.	.	443	
CV (%) (sqrt)	.	.	.	.	



**2004 WFT Meadow Fescue, Lethbridge AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 15-Jun	Cut 2	Cut 3		
Preval	2099	.	.	2099	112
<b>Mimer</b>	<b>1876</b>	.	.	<b>1876</b>	<b>100</b>
mean	1988	.	.	1988	106
CV (%)	12.03	.	.	12.03	
LSD (0.05)	398	.	.	398	
CV (%) (sqrt)	6.31	.	.	6.31	

**2004 WFT Meadow Fescue, Brooks AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 11-Jun	Cut 2 4-Sep	Cut 3		
Preval	6818	4197	.	11015	106
<b>Mimer</b>	<b>6587</b>	<b>3839</b>	.	<b>10426</b>	<b>100</b>
mean	6703	4018	.	10721	103
CV (%)	7.10	9.80	.	6.70	
LSD (0.05)	.	.	.	.	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Fescue, Saskatoon SK, Area - 2**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 4-Jul	Cut 2 27-Sep	Cut 3		
PREVAL	4562	178	.	4740	114
<b>MIMER</b>	<b>3869</b>	<b>306</b>	.	<b>4175</b>	<b>100</b>
mean	4216	242	.	4457	107
CV (%)	7.00	71.6	.	8.80	
LSD (0.05)	665	390	.	890	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Fescue, Melfort SK, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 26-Jul	Cut 2	Cut 3		
<b>MIMER</b>	<b>3884</b>	.	.	<b>3884</b>	<b>100</b>
PREVAL	3851	.	.	3851	99
mean	3868	.	.	3868	100
CV (%)	9.4	.	.	9.4	
LSD (0.05)	825	.	.	825	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Fescue, Outlook SK, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 28-Jun	Cut 2 29-Aug	Cut 3		
<b>MIMER</b>	<b>6234</b>	<b>4305</b>	.	<b>10539</b>	<b>100</b>
PREVAL	5940	4065	.	10005	95
mean	6087	4185	.	10272	98
CV (%)	6.1	17	.	8.9	
LSD (0.05)	843	1601	.	2079	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Meadow Fescue, Arborg MB, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1	Cut 2	Cut 3		
Preval	3111	.	.	3111	103
<b>Mimer</b>	<b>3032</b>	.	.	<b>3032</b>	<b>100</b>
mean	3071	.	.	3071	101
CV (%)	10.74	.	.	10.74	
LSD (0.05)	742	.	.	742	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Meadow Fescue, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1 17-Jul	Cut 2	Cut 3		
<b>Mimer</b>	<b>8950</b>	.	.	<b>8950</b>	<b>100</b>
Preval	8012	.	.	8012	90
mean	8481	.	.	8481	95
CV (%)	10.23	.	.	10.23	
LSD (0.05)	1952	.	.	1952	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Meadow Fescue, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Mimer
	Cut 1	Cut 2	Cut 3		
Preval	3814	.	.	3814	101
<b>Mimer</b>	<b>3771</b>	.	.	<b>3771</b>	<b>100</b>
mean	3793	.	.	3793	101
CV (%)	10.00	.	.	10.00	
LSD (0.05)	889	.	.	889	
CV (%) (sqrt)	.	.	.	.	

2005 WFT Misc. Grass, Lethbridge AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 15-Jun	Cut 2 27-Aug	Cut 3 .		
Carlton (SB)	6750	2266	.	9016	106
<b>Fleet (MB)</b>	<b>6636</b>	<b>1844</b>	.	<b>8480</b>	<b>100</b>
ARC 101-1 (CWR)	5722	1486	.	7208	85
ARC 103-1 (NB)	3041	727	.	3768	44
Spring Green (FEST)	264	390	.	654	8
mean	4483	1343	.	5825	69
CV (%)	18.13	42.36	.	22.15	
LSD (0.05)	897	628	.	1425	
CV (%) (sqrt)	10.15	20.21	.	10.68	

2005 WFT Misc. Grass, Vegreville AB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 4-Jul	Cut 2 .	Cut 3 .		
Carlton (SB)	6501	.	.	6501	163
ARC 101-1 (CWR)	5600	.	.	5600	141
ARC 103-1 (NB)	4587	.	.	4587	115
<b>Fleet (MB)</b>	<b>3982</b>	.	.	<b>3982</b>	<b>100</b>
Spring Green (FEST)	3664	.	.	3664	92
mean	4867	.	.	4867	122
CV (%)	18.10	.	.	18.10	
LSD (0.05)	1111	.	.	1111	
CV (%) (sqrt)	9.15	.	.	9.15	

CWR = Canadian Wildrye  
 Fest = Festulolium  
 MB = Meadow Bromegrass  
 NB = Nodding Brome  
 SB = Smooth Bromegrass

**2005 WFT Misc. Grass, Fort Kent AB, Area - 4**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 19-Jul	Cut 2	Cut 3		
<b>Fleet (MB)</b>	<b>4081</b>	.	.	<b>4081</b>	<b>100</b>
Carlton (SB)	3893	.	.	3893	95
ARC 101-1 (CWR)	3375	.	.	3375	83
ARC 103-1 (NB)	2080	.	.	2080	51
mean	3357	.	.	3357	82
CV (%)	20.24	.	.	20.24	
LSD (0.05)	881	.	.	881	
CV (%) (sqrt)	9.81	.	.	9.81	

**2005 WFT Misc. Grass, Brooks AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 11-Jun	Cut 2 4-Sep	Cut 3		
<b>Fleet (MB)</b>	<b>8414</b>	<b>3104</b>	.	<b>11518</b>	<b>100</b>
Carlton (SB)	10404	4880	.	15284	133
ARC 101-1 (CWR)	6184	3208	.	9392	82
Spring Green (FEST)	4739	3237	.	7976	69
ARC 103-1 (NB)	3429	901	.	4330	38
mean	6634	3066	.	9700	84
CV (%)	15.70	33.40	.	16.60	
LSD (0.05)	1603	1580	.	2478	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Misc. Grass, Westlock AB, Area - 4**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Fleet
	Cut 1 21-Jun	Cut 2 15-Aug	Cut 3		
<b>Fleet (MB)</b>	<b>9128</b>	<b>1830</b>	.	<b>10958</b>	<b>100</b>
Carlton (SB)	9227	1840	.	11067	101
ARC 101-1 (CWR)	5358	1854	.	7212	66
ARC 103-1 (NB)	3161	1047	.	4208	38
mean	6718	1643	.	8361	76
CV (%)	25.44	25.25	.	24.41	
LSD (0.05)	2215	538	.	2646	
CV (%) (sqrt)	14.21	15.09	.	13.73	

### 2004 WFT Orchardgrass, Lethbridge AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 15-Jun	Cut 2	Cut 3		
Early Arctic	3663	.	.	3663	118
2000ABC	3575	.	.	3575	115
<b>Kay</b>	<b>3105</b>	.	.	<b>3105</b>	<b>100</b>
2000DEF	2711	.	.	2711	87
mean	3264	.	.	3264	105
CV (%)	14.59	.	.	14.59	
LSD (0.05)	617	.	.	617	
CV (%) (sqrt)	6.82	.	.	6.82	

### 2004 WFT Orchardgrass, Brooks AB, Area - Irrigation

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 11-Jun	Cut 2 4-Sep	Cut 3		
Early Arctic	9897	6203	.	16100	103
<b>Kay</b>	<b>9567</b>	<b>6009</b>	.	<b>15576</b>	<b>100</b>
2000ABC	9021	5543	.	14564	94
2000DEF	8880	5553	.	14433	93
mean	9341	5827	.	15168	97
CV (%)	12.00	7.5	.	8.30	
LSD (0.05)		.	.		
CV (%) (sqrt)	.	.	.	.	

### 2004 WFT Orchardgrass, Saskatoon SK, Area - 2

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 4-Jul	Cut 2 27-Sep	Cut 3		
2000DEF	6498	667	.	7165	104
2000ABC	6661	397	.	7058	103
<b>KAY</b>	<b>6396</b>	<b>481</b>	.	<b>6876</b>	<b>100</b>
EARLY ARCTIC	6011	429	.	6440	94
mean	6391	493	.	6885	100
CV (%)	6.1	34.7	.	7.6	
LSD (0.05)	633	274	.	846	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Orchardgrass, Melfort SK, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 26-Jul	Cut 2	Cut 3		
2000ABC	5505	.	.	5505	110
<b>KAY</b>	<b>5012</b>	.	.	<b>5012</b>	<b>100</b>
EARLY ARCTIC	4775	.	.	4775	95
2000DEF	4318	.	.	4318	86
mean	4903	.	.	4903	98
CV (%)	18.9	.	.	18.9	
LSD (0.05)	1484	.	.	1484	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Orchardgrass, Outlook SK, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 28-Jun	Cut 2 29-Aug	Cut 3		
EARLY ARCTIC	5862	3642	.	9504	131
2000ABC	5878	3415	.	9293	128
2000DEF	4176	3578	.	7754	107
<b>KAY</b>	<b>3888</b>	<b>3378</b>	.	<b>7266</b>	<b>100</b>
mean	4951	3503	.	8454	116
CV (%)	22.2	13.8	.	14.8	
LSD (0.05)	1765	778	.	2008	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Orchardgrass, Arborg MB, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1	Cut 2	Cut 3		
<b>Kay</b>	<b>4279</b>	.	.	<b>4279</b>	<b>100</b>
2000 DEF	4053	.	.	4053	95
2000 ABC	4018	.	.	4018	94
Early Arctic	3919	.	.	3919	92
mean	4067	.	.	4067	95
CV (%)	13.97	.	.	13.97	
LSD (0.05)	909	.	.	909	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Orchardgrass, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1 19-Jul	Cut 2	Cut 3		
2000ABC	9992	.	.	9992	136
Early Arctic	9275	.	.	9275	126
<b>Kay</b>	<b>7370</b>	.	.	<b>7370</b>	<b>100</b>
2000DEF	7117	.	.	7117	97
mean	8439	.	.	8439	114
CV (%)	7.05	.	.	7.05	
LSD (0.05)	951	.	.	951	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Orchardgrass, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Kay
	Cut 1	Cut 2	Cut 3		
2000 ABC	3033	.	.	3033	111
Early Arctic	2940	.	.	2940	107
<b>Kay</b>	<b>2742</b>	.	.	<b>2742</b>	<b>100</b>
2000 DEF	2508	.	.	2508	91
mean	2806	.	.	2806	102
CV (%)	14.17	.	.	14.17	
LSD (0.05)	636	.	.	636	
CV (%) (sqrt)	.	.	.	.	



**2003 WFT Tall Fescue, Saskatoon SK, Area - 2  
re-seeded in 2004**

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Cultivar	<b>2007 Forage Yield (kg DM ha<sup>-1</sup>)</b>			Total	% of Courtenay
	Cut 1 4-Jul	Cut 2 27-Sep	Cut 3 .		
<b>COURTENAY</b>	<b>7004</b>	<b>862</b>	<b>.</b>	<b>7866</b>	<b>100</b>
UMTF	6341	589	.	6930	88
TF 10111	5473	805	.	6277	80
mean	6273	752	.	7024	89
CV (%)	12.6	35	.	14.6	
LSD (0.05)	1372	456	.	1779	
CV (%) (sqrt)	.	.	.	.	

**2002 WFT Timothy Fort Kent AB, Area - 4**  
re-seeded in 2004

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 18-Jul	Cut 2	Cut 3		
NS2TY	2389	.	.	2389	115
<b>Climax</b>	<b>2079</b>	.	.	<b>2079</b>	<b>100</b>
45-214	2075	.	.	2075	100
Jonaton	2047	.	.	2047	98
Charlton	2045	.	.	2045	98
Alma	1925	.	.	1925	93
mean	2093	.	.	2093	101
CV (%)	18.53	.	.	18.53	
LSD (0.05)	481	.	.	481	
CV (%) (sqrt)	9.62	.	.	9.62	

**2004 WFT Timothy, Lethbridge AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 15-Jun	Cut 2 27-Aug	Cut 3 .		
<b>Climax</b>	<b>6413</b>	<b>3451</b>	<b>.</b>	<b>9864</b>	<b>100</b>
SW TT2527	5458	2996	.	8454	86
mean	5935	3223	.	9159	93
CV (%)	8.38	12.18	.	8.11	
LSD (0.05)	828	654	.	1237	
CV (%) (sqrt)	4.30	5.78	.	3.75	

**2004 WFT Timothy, Brooks AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 19-Jun	Cut 2 4-Sep	Cut 3 .		
<b>Climax</b>	<b>8335</b>	<b>3494</b>	<b>.</b>	<b>11828</b>	<b>100</b>
SW TT2527	8821	3876	.	12697	107
mean	8578	3685	.	12263	104
CV (%)	9.3	17.6	.	11.6	
LSD (0.05)	.	.	.	.	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Timothy, Saskatoon SK, Area - 2**  
re-seeded in 2005

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 05-Jul	Cut 2 27-Sep	Cut 3 .		
<b>CLIMAX</b>	<b>7328</b>	<b>864</b>	<b>.</b>	<b>8192</b>	<b>100</b>
SWTT2527	6622	858	.	7480	91
mean	6975	861	.	7836	96
CV (%)	11.8	17.9	.	11.7	
LSD (0.05)	1856	347	.	2080	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Timothy, Melfort SK, Area - 3**

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Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 25-Jul	Cut 2	Cut 3		
SW TT2527	7930	.	.	7930	106
<b>CLIMAX</b>	<b>7512</b>	.	.	<b>7512</b>	<b>100</b>
mean	7721	.	.	7721	103
CV (%)	9.6	.	.	9.6	
LSD (0.05)	1672	.	.	1672	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Timothy, Outlook SK, Area - Irrigation**

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Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 28-Jun	Cut 2 29-Aug	Cut 3		
SW TT2527	8950	5290	.	14240	104
<b>CLIMAX</b>	<b>8333</b>	<b>5422</b>	.	<b>13755</b>	<b>100</b>
mean	8641	5356	.	13998	102
CV (%)	4.8	22.1	.	11.2	
LSD (0.05)	937	2665	.	3549	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Timothy, Arborg MB, Area - 3**

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Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1	Cut 2	Cut 3		
<b>Climax</b>	<b>8617</b>	.	.	<b>8617</b>	<b>100</b>
SW TT2527	6849	.	.	6849	79
mean	7733	.	.	7733	90
CV (%)	5.63	.	.	5.63	
LSD (0.05)	981	.	.	981	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Timothy, Rosebank MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1	Cut 2	Cut 3		
<b>Climax</b>	<b>11465</b>	.	.	<b>11465</b>	<b>100</b>
SW TT2527	9239	.	.	9239	81
mean	10352	.	.	10352	90
CV (%)	4.08	.	.	4.08	
LSD (0.05)	951	.	.	951	
CV (%) (sqrt)	.	.	.	.	

2004 WFT Timothy, St. Pierre MB, Area - 3

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1	Cut 2	Cut 3		
<b>Climax</b>	<b>5278</b>	.	.	<b>5278</b>	<b>100</b>
SW TT2527	4095	.	.	4095	78
mean	4687	.	.	4687	89
CV (%)	7.84	.	.	7.84	
LSD (0.05)	827	.	.	827	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Timothy, Lethbridge AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 15-Jun	Cut 2 1-Oct	Cut 3 .		
SW TT2503	4128	461	.	4589	104
<b>Climax</b>	<b>3672</b>	<b>746</b>	.	<b>4419</b>	<b>100</b>
mean	3900	604	.	4504	106
CV (%)	19.24	45.19	.	18.29	
LSD (0.05)	1012	368	.	1111	
CV (%) (sqrt)	9.58	23.3	.	8.88	

**2005 WFT Timothy, Brooks AB, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 19-Jun	Cut 2 4-Sep	Cut 3 .		
SW TT2503	8737	2408	.	11145	108
<b>Climax</b>	<b>7611</b>	<b>2661</b>	.	<b>10272</b>	<b>100</b>
mean	8174	2535	.	10709	104
CV (%)	5.00	13.00	.	3.70	
LSD (0.05)	.	.	.	.	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Timothy, Saskatoon SK, Area - 2**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 5-Jul	Cut 2 27-Sep	Cut 3 .		
SWTT2503	7894	1005	.	8899	105
<b>CLIMAX</b>	<b>7502</b>	<b>976</b>	.	<b>8478</b>	<b>100</b>
mean	7698	990	.	8688	102
CV (%)	10.70	31.50	.	13.00	
LSD (0.05)	1859	704	.	2554	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Timothy, Melfort SK, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 24-Jul	Cut 2	Cut 3		
SW TT2503	8287	.	.	8287	102
<b>CLIMAX</b>	<b>8139</b>	.	.	<b>8139</b>	<b>100</b>
mean	8213	.	.	8213	101
CV (%)	4.10	.	.	4.10	
LSD (0.05)	752	.	.	752	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Timothy, Outlook SK, Area - Irrigation**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 28-Jun	Cut 2 29-Aug	Cut 3		
SW TT2503	6293	2972	.	9265	109
<b>CLIMAX</b>	<b>5768</b>	<b>2748</b>	.	<b>8516</b>	<b>100</b>
mean	6030	2860	.	8890	104
CV (%)	12.80	18.90	.	10.10	
LSD (0.05)	1738	1219	.	2034	
CV (%) (sqrt)	.	.	.	.	

**2005 WFT Timothy, Rosebank MB, Area - 3**

Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Climax
	Cut 1 29-Jun	Cut 2	Cut 3		
<b>Climax</b>	<b>13490</b>	.	.	<b>13490</b>	<b>100</b>
SW TT2503	10379	.	.	10379	77
mean	11934	.	.	11934	88
CV (%)	6.32	.	.	6.32	
LSD (0.05)	2296	.	.	2296	
CV (%) (sqrt)	.	.	.	.	

**2004 WFT Westerwold Ryegrass, Lethbridge AB  
Area - Irrigation**

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Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Aubade
	Cut 1 July 31	Cut 2 Oct 1	Cut 3 .		
<b>Aubade</b>	<b>3858</b>	<b>2058</b>	<b>.</b>	<b>5916</b>	<b>100</b>
Elunaria	3702	1812	.	5514	93
mean	3780	1935	.	5715	97
CV (%)	7.28	21.41	.	4.88	
LSD (0.05)	458	690	.	464	
CV (%) (sqrt)	3.76	11.22	.	2.36	

**2005 WFT Westerwold Ryegrass, Lethbridge AB, Area -  
Irrigation**

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Cultivar	2007 Forage Yield (kg DM ha <sup>-1</sup> )			Total	% of Aubade
	Cut 1 30-Jul	Cut 2 1-Oct	Cut 3 .		
<b>Aubade</b>	<b>1903</b>	<b>1117</b>	<b>.</b>	<b>3019</b>	<b>100</b>
Elunaria	1747	1091	.	2838	94
mean	1825	1104	.	2929	97
CV (%)	16.36	17.30	.	15.88	
LSD (0.05)	403	257	.	627	
CV (%) (sqrt)	8.70	9.20	.	8.37	



## Summary WFT 2002 Alfalfa - Saskatchewan

(Outlook re-seeded in 2005)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	1			2						3				Irrigation	
	Swift Current			Saskatoon			Scott			Canora			Outlook		
	2003	2004	2005	2003	2004	2005	2003	.	.	2003	.	.	2003	2007	.
54Q25	2,892	3,804	2,810	3,699	5,817	10,984	596	.	.	7,494	.	.	14,054	4,747	.
55V05	2,768	3,698	2,420	3,206	5,278	10,458	627	.	.	6,217	.	.	12,586	.	.
AC Blue J	3,060	3,796	3,001	3,095	5,523	11,368	402	.	.	5,272	.	.	13,248	5,743	.
Beaver	2,374	2,882	3,353	4,500	6,454	10,511	684	.	.	5,982	.	.	12,732	6,241	.
DS233	2,697	3,665	3,566	3,476	5,432	10,848	453	.	.	7,570	.	.	13,573	7,157	.
DS234	2,684	3,225	2,329	3,047	5,542	10,714	852	.	.	7,041	.	.	13,170	6,486	.
DS235	2,947	3,356	2,926	3,575	5,619	11,351	575	.	.	6,668	.	.	13,324	5,810	.
DS236	2,817	3,584	2,850	3,105	5,129	11,024	613	.	.	7,217	.	.	13,597	5,183	.
LRC01CR	2,165	2,995	2,827	3,573	5,853	11,017	453	.	.	6,792	.	.	11,915	5,192	.
NS02CK	3,059	3,683	2,629	3,013	5,635	11,276	544	.	.	6,613	.	.	11,805	.	.
Rambler	2,977	3,715	3,429	3,593	6,184	10,231	645	.	.	5,579	.	.	13,028	7,512	.
Rangelander	3,005	3,205	3,305	3,869	6,882	10,854	599	.	.	5,607	.	.	12,581	8,120	.
Cuts	1	2	1	2	2	2	1			2			3	2	
CV (%)	13.2	14.4	19.8	13.4	7.3	6.1	23.0			16.0			8.2	15.8	
Trial Mean (kg/ha)	2,787	3,467	2,954	3,479	5,779	10,886	587	.	.	6,504	.	.	12,968	6,219	.

## Summary WFT 2002 Alfalfa - Saskatchewan

(Outlook re-seeded in 2005)

Cultivar	Forage Yield as % of Beaver														
	1			2			3			Irrigation					
	Swift Current			Saskatoon			Scott			Canora			Outlook		
	2003	2004	2005	2003	2004	2005	2003	.	.	2003	.	.	2003	2007	.
54Q25	122	132	84	82	90	105	87	.	.	125	.	.	110	76	.
55V05	117	128	72	71	82	99	92	.	.	104	.	.	99	.	.
AC Blue J	129	132	90	69	86	108	59	.	.	88	.	.	104	92	.
Beaver	100	100	100	100	100	100	100	.	.	100	.	.	100	100	.
DS233	114	127	106	77	84	103	66	.	.	127	.	.	107	115	.
DS234	113	112	69	68	86	102	125	.	.	118	.	.	103	104	.
DS235	124	116	87	79	87	108	84	.	.	111	.	.	105	93	.
DS236	119	124	85	69	79	105	90	.	.	121	.	.	107	83	.
LRC01CR	91	104	84	79	91	105	66	.	.	114	.	.	94	83	.
NS02CK	129	128	78	67	87	107	80	.	.	111	.	.	93	.	.
Rambler	125	129	102	80	96	97	94	.	.	93	.	.	102	120	.
Rangelander	127	111	99	86	107	103	88	.	.	94	.	.	99	130	.
Cuts	1	2	1	2	2	2	1	.	.	2	.	.	3	2	.
CV (%)	13.2	14.4	19.8	13.4	7.3	6.1	23.0	.	.	16.0	.	.	8.2	15.8	.
Beaver (kg/ha)	2,374	2,882	3,353	4,500	6,454	10,511	684	.	.	5,982	.	.	12,732	6,241	.

## Summary WFT 2004 Alfalfa - Alberta

(Vegreville seeded in 2005)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2006	2007	.	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
AC Blue J	7,108	4,238	.	10,243	6,602	6,951	5,093	8,747	12,045	15,692	15,885	13,988	7,503	11,155	13,033
Beaver	8,066	4,713	.	9,947	6,409	8,390	5,364	9,596	12,578	15,844	14,158	11,295	8,086	12,788	13,313
CW 52044	7,171	4,368	.	10,392	7,448	7,265	3,863	7,434	12,023	15,657	14,754	12,049	7,883	13,749	15,167
CW 83021	7,375	4,890	.	10,773	6,894	7,622	4,128	8,146	12,591	14,792	15,590	16,162	8,472	16,938	17,232
MS Sunstra-422	8,132	3,902	.	10,410	7,243	7,543	4,999	8,464	12,310	15,846	16,164	14,332	8,664	12,253	11,879
MS Sunstra-423	6,720	4,153	.	9,772	7,056	7,241	4,832	8,104	12,561	14,185	16,013	14,438	7,091	10,087	10,106
P435	6,769	4,469	.	9,401	6,390	7,224	5,431	8,112	13,503	15,954	16,140	14,984	8,562	12,319	12,436
Rambler	7,537	4,140	.	11,240	6,992	8,046	4,964	8,512	11,349	12,698	14,597	11,601	7,242	12,671	13,268
Rangelander	7,680	4,670	.	11,652	6,495	7,801	5,233	8,648	11,322	13,860	14,635	12,087	8,029	12,721	13,709
Cuts	1	1	.	1	1	1	2	2	2	3	3	3	2	3	3
CV (%)	11.8	24.8	.	17.5	19.0	19.1	14.1	7.2	9.2	6.6	3.9	4.3	10.9	11.8	15.9
Trial Mean (kg/ha)	7,395	4,394	.	10,426	6,837	7,565	4,879	8,418	12,254	14,948	15,326	13,437	7,948	12,742	13,349

## Summary WFT 2004 Alfalfa - Alberta

(Vegreville seeded in 2005)

Cultivar	Forage Yield as % of Beaver														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2006	2007	.	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
AC Blue J	88	90	.	103	103	83	95	91	96	99	112	124	93	87	98
Beaver	100	100	.	100	100	100	100	100	100	100	100	100	100	100	100
CW 52044	89	93	.	104	116	87	72	77	96	99	104	107	97	108	114
CW 83021	91	104	.	108	108	91	77	85	100	93	110	143	105	132	129
MS Sunstra-422	101	83	.	105	113	90	93	88	98	100	114	127	107	96	89
MS Sunstra-423	83	88	.	98	110	86	90	84	100	90	113	128	88	79	76
P435	84	95	.	95	100	86	101	85	107	101	114	133	106	96	93
Rambler	93	88	.	113	109	96	93	89	90	80	103	103	90	99	100
Rangelander	95	99	.	117	101	93	98	90	90	87	103	107	99	99	103
Cuts	1	1	.	1	1	1	2	2	2	3	3	3	2	3	3
CV (%)	11.8	24.8	.	17.5	19.0	19.1	14.1	7.2	9.2	6.6	3.9	4.3	10.9	11.8	15.9
Beaver (kg/ha)	8,066	4,713	.	9,947	6,409	8,390	5,364	9,596	12,578	15,844	14,158	11,295	8,086	12,788	13,313

## Summary WFT 2004 Alfalfa - Saskatchewan

(Swift Current A seeded in 2005)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	1						2			3			Irrigation		
	Swift Current			Swift Current A			Saskatoon			Melfort			Outlook		
	2005	2006	.	2006	2007	.	2005	2006	2007	2005	2006	2007	2005	2006	.
AC Blue J	4,810	954	.	2,585	1,862	.	12,511	6,852	9,374	7,185	8,496	9,901	15,493	14,241	.
Beaver	4,931	1,179	.	2,929	1,830	.	13,450	7,254	8,437	7,933	8,641	9,180	14,321	12,166	.
CW 52044	5,009	969	.	2,417	1,812	.	12,060	6,567	8,757	7,262	7,965	9,431	14,100	10,860	.
CW 83021	4,148	804	.	2,341	1,580	.	11,902	5,716	8,947	6,323	8,244	9,026	15,300	14,223	.
MS Sunstra-422	4,913	1,089	.	2,481	1,645	.	11,843	6,762	9,145	6,902	8,252	9,318	14,965	12,489	.
MS Sunstra-423	4,799	1,005	.	2,505	1,861	.	11,276	5,765	8,717	6,363	8,518	9,484	14,702	12,421	.
P435	4,149	904	.	2,103	1,580	.	11,627	6,236	9,161	7,615	9,164	9,324	14,877	13,163	.
Rambler	4,707	1,388	.	3,324	1,976	.	11,629	6,796	8,529	7,625	8,941	9,376	12,078	9,906	.
Rangelander	4,675	1,109	.	3,427	2,516	.	12,487	6,259	7,547	8,094	9,727	9,023	13,597	10,257	.
Cuts	2	1	.	1	1	.	2	1	2	2	2	2	3	3	.
CV (%)	9.1	11.2	.	14.3	24.5	.	7.6	14.9	12.7	9.3	10.0	9.8	12.0	11.9	.
Trial Mean (kg/ha)	4,682	1,045	.	2,679	1,851	.	12,087	6,467	8,735	7,256	8,661	9,340	14,381	12,192	.

## Summary WFT 2004 Alfalfa - Saskatchewan

(Swift Current A seeded in 2005)

Cultivar	Forage Yield as % of Beaver														
	1						2			3			Irrigation		
	Swift Current			Swift Current A			Saskatoon			Melfort			Outlook		
	2005	2006	.	2006	2007	.	2005	2006	2007	2005	2006	2007	2005	2006	.
AC Blue J	98	81	.	88	102	.	93	94	111	91	98	108	108	117	.
Beaver	100	100	.	100	100	.	100	100	100	100	100	100	100	100	.
CW 52044	102	82	.	83	99	.	90	91	104	92	92	103	98	89	.
CW 83021	84	68	.	80	86	.	88	79	106	80	95	98	107	117	.
MS Sunstra-422	100	92	.	85	90	.	88	93	108	87	95	102	104	103	.
MS Sunstra-423	97	85	.	86	102	.	84	79	103	80	99	103	103	102	.
P435	84	77	.	72	86	.	86	86	109	96	106	102	104	108	.
Rambler	95	118	.	113	108	.	86	94	101	96	103	102	84	81	.
Rangelander	95	94	.	117	137	.	93	86	89	102	113	98	95	84	.
Cuts	2	1	.	1	1	.	2	1	2	2	2	2	3	3	.
CV (%)	9.1	11.2	.	14.3	24.5	.	7.6	14.9	12.7	9.3	10.0	9.8	12.0	11.9	.
Beaver (kg/ha)	4,931	1,179	.	2,929	1,830	.	13,450	7,254	8,437	7,933	8,641	9,180	14,321	12,166	.

## Summary WFT 2004 Alfalfa - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2007	.	.
AC Blue J	6,944	8,661	8,674	12,130	12,870	14,687	5,876	.	.
Beaver	6,892	7,887	8,560	12,110	12,294	13,879	6,785	.	.
CW 52044	7,103	8,163	9,213	12,390	11,681	11,519	5,454	.	.
CW 83021	7,349	8,581	9,025	13,004	14,552	19,131	7,258	.	.
MS Sunstra-422	7,677	8,826	8,909	12,559	13,626	17,218	7,180	.	.
MS Sunstra-423	6,913	9,128	9,285	13,413	13,713	15,471	6,252	.	.
P435	7,113	8,537	8,592	12,048	15,542	15,783	6,910	.	.
Rambler	6,238	7,561	7,623	10,295	10,523	10,183	7,661	.	.
Rangelander	6,462	8,202	7,624	11,651	10,756	11,142	7,320	.	.
Cuts	2	3	2	2	3	3	2	.	.
CV (%)	6.5	6.7	8.3	9.2	7.8	14.2	22.1	.	.
Trial Mean (kg/ha)	6,966	8,394	8,612	12,178	12,840	14,335	6,744	.	.

## Summary WFT 2004 Alfalfa - Manitoba

Cultivar	Forage Yield as % of Beaver								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2007	.	.
AC Blue J	101	110	101	100	105	106	87	.	.
Beaver	100	100	100	100	100	100	100	.	.
CW 52044	103	103	108	102	95	83	80	.	.
CW 83021	107	109	105	107	118	138	107	.	.
MS Sunstra-422	111	112	104	104	111	124	106	.	.
MS Sunstra-423	100	116	108	111	112	111	92	.	.
P435	103	108	100	99	126	114	102	.	.
Rambler	91	96	89	85	86	73	113	.	.
Rangelander	94	104	89	96	87	80	108	.	.
Cuts	2	3	2	2	3	3	2	.	.
CV (%)	6.5	6.7	8.3	9.2	7.8	14.2	22.1	.	.
Beaver (kg/ha)	6,892	7,887	8,560	12,110	12,294	13,879	6,785	.	.



## Summary WFT 2005 Alfalfa - Alberta

(Vegreville seeded in 2005)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4			Irrigation					
	Vegreville			Westlock			Brooks			Lethbridge		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
53Q30	5,432	6,065	.	8,222	11,608	.	17,219	14,091	.	15,799	11,125	.
AC Blue J	6,576	4,288	.	7,225	10,634	.	17,718	12,984	.	14,779	10,208	.
Beaver	4,952	6,371	.	5,517	11,286	.	16,766	11,803	.	14,642	10,415	.
C211-201	5,472	5,265	.	7,448	10,878	.	16,046	11,940	.	13,203	9,234	.
Convoy	5,223	6,710	.	6,182	9,802	.	17,697	13,774	.	13,423	9,404	.
Equinox	6,353	5,659	.	7,051	11,182	.	18,581	13,949	.	15,116	10,030	.
Keho Lake	6,372	5,671	.	9,616	11,433	.	16,223	11,978	.	14,546	10,604	.
Prince George	6,496	4,481	.	8,530	10,496	.	17,018	13,154	.	14,212	10,320	.
Rambler	6,218	5,358	.	8,711	11,920	.	15,670	11,367	.	12,810	9,666	.
Rangelander	5,594	6,208	.	7,461	10,357	.	15,732	11,926	.	12,616	9,499	.
Salt Tolerant	5,455	5,409	.	6,872	10,888	.	16,807	12,365	.	12,732	9,984	.
SL-A5001	6,055	6,014	.	6,740	11,624	.	17,546	14,102	.	14,559	11,215	.
WL 319 HQ	5,397	5,330	.	6,530	11,065	.	17,733	13,325	.	14,795	11,146	.
Cuts	1	1	.	2	2	.	3	3	.	3	2	.
CV (%)	18.0	21.5	.	11.7	12.8	.	4.0	8.0	.	6.4	13.4	.
Trial Mean (kg/ha)	5,815	5,602	.	7,393	11,013	.	16,981	12,828	.	14,095	10,219	.

## Summary WFT 2005 Alfalfa - Alberta

(Vegreville seeded in 2005)

Cultivar	Forage Yield as % of Beaver											
	3			4			Irrigation					
	Vegreville			Westlock			Brooks			Lethbridge		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
53Q30	110	95	.	149	103	.	103	119	.	108	107	.
AC Blue J	133	67	.	131	94	.	106	110	.	101	98	.
Beaver	100	100	.	100	100	.	100	100	.	100	100	.
C211-201	111	83	.	135	96	.	96	101	.	90	89	.
Convoy	105	105	.	112	87	.	106	117	.	92	90	.
Equinox	128	89	.	128	99	.	111	118	.	103	96	.
Keho Lake	129	89	.	174	101	.	97	101	.	99	102	.
Prince George	131	70	.	155	93	.	102	111	.	97	99	.
Rambler	126	84	.	158	106	.	93	96	.	87	93	.
Rangelander	113	97	.	135	92	.	94	101	.	86	91	.
Salt Tolerant	110	85	.	125	96	.	100	105	.	87	96	.
SL-A5001	122	94	.	122	103	.	105	119	.	99	108	.
WL 319 HQ	109	84	.	118	98	.	106	113	.	101	107	.
Cuts	1	1	.	2	2	.	3	3	.	3	2	.
CV (%)	18.0	21.5	.	11.7	12.8	.	4.0	8.0	.	6.4	13.4	.
Beaver (kg/ha)	4,952	6,371	.	5,517	11,286	.	16,766	11,803	.	14,642	10,415	.

## Summary WFT 2005 Alfalfa - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2005	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
53Q30	2,370	1,782	.	8,937	9,506	.	10,598	11,647	.	14,845	5,786	.
AC Blue J	2,474	1,715	.	10,145	9,938	.	8,721	12,332	.	15,771	6,500	.
Beaver	3,093	2,058	.	9,363	9,792	.	11,438	12,180	.	14,877	6,436	.
C211-201	2,865	1,897	.	8,128	9,010	.	9,958	10,309	.	14,745	6,492	.
Convoy	2,538	1,932	.	9,228	10,016	.	10,397	11,994	.	15,263	6,050	.
Equinox	2,805	2,024	.	9,839	9,826	.	10,393	12,114	.	16,965	6,042	.
Keho Lake	3,246	2,064	.	9,369	9,702	.	9,757	10,930	.	13,185	7,649	.
Prince George	3,026	2,049	.	9,720	9,499	.	9,213	10,719	.	13,531	7,760	.
Rambler	3,241	2,043	.	8,351	8,992	.	10,140	10,416	.	12,764	7,655	.
Rangelander	3,477	2,281	.	8,667	9,773	.	10,617	11,029	.	12,110	6,806	.
Salt Tolerant	2,894	1,891	.	10,628	9,166	.	10,160	11,467	.	15,038	7,555	.
SL-A5001	2,813	2,082	.	9,871	9,664	.	10,368	11,716	.	14,222	6,870	.
WL 319 HQ	2,620	1,924	.	8,883	9,506	.	10,553	11,917	.	16,016	6,631	.
Cuts	1	1	.	2	2	.	2	2	.	3	2	.
CV (%)	8.9	4.0	.	13.1	7.7	.	10.7	7.7	.	8.2	14.4	.
Trial Mean (kg/ha)	2,882	1,980	2,008	9,318	9,568	2,008	10,178	11,444	2,008	14,564	6,787	2,008

## Summary WFT 2005 Alfalfa - Saskatchewan

Cultivar	Forage Yield as % of Beaver											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2005	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
53Q30	77	87	.	95	97	.	93	96	.	100	90	.
AC Blue J	80	83	.	108	101	.	76	101	.	106	101	.
Beaver	100	100	.	100	100	.	100	100	.	100	100	.
C211-201	93	92	.	87	92	.	87	85	.	99	101	.
Convoy	82	94	.	99	102	.	91	98	.	103	94	.
Equinox	91	98	.	105	100	.	91	99	.	114	94	.
Keho Lake	105	100	.	100	99	.	85	90	.	89	119	.
Prince George	98	100	.	104	97	.	81	88	.	91	121	.
Rambler	105	99	.	89	92	.	89	86	.	86	119	.
Rangelander	112	111	.	93	100	.	93	91	.	81	106	.
Salt Tolerant	94	92	.	114	94	.	89	94	.	101	117	.
SL-A5001	91	101	.	105	99	.	91	96	.	96	107	.
WL 319 HQ	85	93	.	95	97	.	92	98	.	108	103	.
Cuts	1	1	.	2	2	.	2	2	.	3	2	.
CV (%)	8.9	4.0	.	13.1	7.7	.	10.7	7.7	.	8.2	14.4	.
Beaver (kg/ha)	3,093	2,058	.	9,363	9,792	.	11,438	12,180	.	14,877	6,436	.

## Summary WFT 2005 Alfalfa - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Rosebank			Thunder Bay			St. Pierre		
	2007	2008	2009	2006	2007	2008	2006	2007	2008	2007	2008	2009
53Q30	11,764	.	.	8,974	6,798	.	5,653	.	.	8,599	.	.
AC Blue J	10,981	.	.	9,576	6,014	.	6,708	.	.	8,261	.	.
Beaver	11,076	.	.	8,813	7,251	.	6,182	.	.	8,868	.	.
C211-201	10,816	.	.	9,135	6,875	.	.	.	.	8,485	.	.
Convoy	11,657	.	.	8,644	6,609	.	.	.	.	8,556	.	.
Equinox	10,513	.	.	9,025	6,328	.	.	.	.	9,046	.	.
Keho Lake	10,294	.	.	9,556	7,212	.	5,629	.	.	8,646	.	.
Prince George	11,135	.	.	9,330	7,263	.	6,736	.	.	8,553	.	.
Rambler	11,133	.	.	8,612	7,150	.	7,754	.	.	8,717	.	.
Rangelander	10,773	.	.	8,941	5,920	.	8,341	.	.	8,806	.	.
Salt Tolerant	10,050	.	.	9,104	6,777	.	6,681	.	.	9,326	.	.
SL-A5001	10,542	.	.	8,581	6,135	.	.	.	.	7,205	.	.
WL 319 HQ	10,232	.	.	8,551	6,633	.	.	.	.	8,899	.	.
Cuts	2	.	.	3	1	.	2	.	.	2	.	.
CV (%)	10.5	.	.	10.9	14.4	.	18.7	.	.	14.7	.	.
Trial Mean (kg/ha)	10,844	.	.	8,988	6,690	#DIV/0!	6,711	.	.	8,613	.	.

## Summary WFT 2005 Alfalfa - Manitoba

Cultivar	Forage Yield as % of Beaver											
	3											
	Arborg			Rosebank			Thunder Bay			St. Pierre		
	2007	2008	2009	2006	2007	2008	2006	2007	2008	2007	2008	2009
53Q30	106	.	.	102	94	.	91	.	.	97	.	.
AC Blue J	99	.	.	109	83	.	109	.	.	93	.	.
Beaver	100	.	.	100	100	.	100	.	.	100	.	.
C211-201	98	.	.	104	95	.	.	.	.	96	.	.
Convoy	105	.	.	98	91	.	.	.	.	96	.	.
Equinox	95	.	.	102	87	.	.	.	.	102	.	.
Keho Lake	93	.	.	108	99	.	91	.	.	97	.	.
Prince George	101	.	.	106	100	.	109	.	.	96	.	.
Rambler	101	.	.	98	99	.	125	.	.	98	.	.
Rangelander	97	.	.	101	82	.	135	.	.	99	.	.
Salt Tolerant	91	.	.	103	93	.	108	.	.	105	.	.
SL-A5001	95	.	.	97	85	.	.	.	.	81	.	.
WL 319 HQ	92	.	.	97	91	.	.	.	.	100	.	.
Cuts	2	.	.	3	1	.	2	.	.	2	.	.
CV (%)	10.5	.	.	10.9	14.4	.	18.7	.	.	14.7	.	.
Beaver (kg/ha)	11,076	.	.	8,813	7,251	.	6,182	.	.	8,868	.	.

### Summary WFT 2004 Meadow Bromegrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	12,382	7,834	2,358	10,057	4,134	1,482	9,399	7,586	8,239	15,273	13,737	14,030	11,260	9,756	9,337
S9465	13,284	7,759	3,460	7,814	4,067	1,863	8,566	7,102	7,304	16,573	13,519	12,999	11,151	9,167	9,480
SMB01	13,913	7,503	3,505	9,724	4,494	2,021	9,224	7,291	8,451	15,328	14,010	14,134	10,542	11,503	9,588
SMB02	12,392	7,605	3,761	9,763	4,664	1,666	9,328	7,044	8,132	15,727	13,968	14,037	10,461	9,746	9,448
Cuts	2	1	1	1	1	1	2	2	2	2	2	2	1	2	3
CV (%)	6.7	9.9	15.2	23.3	20.7	36.7	5.6	5.8	8.0	14.0	6.8	9.2	6.9	7.8	23.9
Trial Mean (kg/ha)	12,993	7,675	3,271	9,340	4,340	1,758	9,129	7,256	8,032	15,725	13,809	13,800	10,854	10,043	9,463

### Summary WFT 2004 Meadow Bromegrass - Alberta

Cultivar	Forage Yield as % of Fleet														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
S9465	107	99	147	78	98	126	91	94	89	109	98	93	99	94	102
SMB01	112	96	149	97	109	136	98	96	103	100	102	101	94	118	103
SMB02	100	97	159	97	113	112	99	93	99	103	102	100	93	100	101
Cuts	2	1	1	1	1	1	2	2	2	2	2	2	1	2	3
CV (%)	6.7	9.9	15.2	23.3	20.7	36.7	5.6	5.8	8.0	14.0	6.8	9.2	6.9	7.8	23.9
Fleet (kg/ha)	12,382	7,834	2,358	10,057	4,134	1,482	9,399	7,586	8,239	15,273	13,737	14,030	11,260	9,756	9,337

## Summary WFT 2004 Meadow Bromegrass - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	3,899	913	819	12,515	8,083	6,386	9,336	5,395	5,886	14,751	.	.
S9465	5,458	1,460	990	13,145	7,807	7,298	8,494	5,000	6,217	16,258	.	.
SMB01	4,406	1,087	901	12,495	8,381	7,611	9,550	5,719	6,130	15,573	.	.
SMB02	4,823	1,157	857	11,410	8,100	6,079	8,498	5,278	6,059	16,233	.	.
Cuts	1	1	1	2	1	2	2	2	1	2	.	.
CV (%)	23.7	36.7	17.4	9.2	9.9	7.5	9.3	8.5	6.4	13.0	.	.
Trial Mean (kg/ha)	4,647	1,154	892	12,391	8,093	6,844	8,970	5,348	6,073	15,704	.	.

## Summary WFT 2004 Meadow Bromegrass - Saskatchewan

Cultivar	Forage Yield as % of Fleet											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	100	100	100	100	100	100	100	100	100	100	.	.
S9465	140	160	121	105	97	114	91	93	106	110	.	.
SMB01	113	119	110	100	104	119	102	106	104	106	.	.
SMB02	124	127	105	91	100	95	91	98	103	110	.	.
Cuts	1	1	1	2	1	2	2	2	1	2	.	.
CV (%)	23.7	36.7	17.35	9.2	9.9	7.5	9.3	8.5	6.4	13.0	.	.
Fleet (kg/ha)	3,899	913	819	12,515	8,083	6,386	9,336	5,395	5,886	14,751	.	.



### Summary WFT 2004 Meadow Bromegrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	3,704	4,578	5,459	6,504	8,149	9,048	2,279	1,930	4,373
S9465	4,159	3,704	5,031	7,993	8,112	9,461	2,913	2,330	3,999
SMB01	3,628	3,792	5,471	7,673	7,360	9,907	2,224	1,969	4,130
SMB02	4,034	4,133	5,341	8,619	8,084	9,470	2,352	1,895	3,904

Cuts	1	1	1	1	1	1	1	1	1
CV (%)	11.5	6.4	13.7	11.3	8.5	12.7	15.2	11.6	6.8
Trial Mean (kg/ha)	3,881	4,052	5,326	7,697	7,926	9,472	2,442	2,031	4,102

### Summary WFT 2004 Meadow Bromegrass - Manitoba

Cultivar	Forage Yield as % of Fleet								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Fleet	100	100	100	100	100	100	100	100	100
S9465	112	81	92	123	100	105	128	121	91
SMB01	98	83	100	118	90	109	98	102	94
SMB02	109	90	98	133	99	105	103	98	89

Cuts	1	1	1	1	1	1	1	1	1
CV (%)	11.5	6.4	13.7	11.3	8.5	12.7	15.2	11.6	6.8

Fleet (kg/ha) 3,704 4,578 5,459 6,504 8,149 9,048 2,279 1,930 4,373

### Summary WFT 2004 Meadow Fescue - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
Preval	.	.	.	.	.	.	.	.	.	14,414	12,369	11,015	8,451	5,619	2,099
Mimer	.	.	.	.	.	.	.	.	.	13,684	12,032	10,426	6,586	4,847	1,876
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	1	2	1
CV (%)	.	.	.	.	.	.	.	.	.	10.5	4.2	6.7	20.1	4.5	12.0
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	14,049	12,201	10,721	7,519	5,233	1,988

### Summary WFT 2004 Meadow Fescue - Alberta

Cultivar	Forage Yield as % of Mimer														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
Preval	.	.	.	.	.	.	.	.	.	105	103	106	128	116	112
Mimer	.	.	.	.	.	.	.	.	.	100	100	100	100	100	100
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	1	2	1
CV (%)	.	.	.	.	.	.	.	.	.	10.5	4.2	6.7	20.1	4.5	12.0
Mimer (kg/ha)	.	.	.	.	.	.	.	.	.	13,684	12,032	10,426	6,586	4,847	1,876

### Summary WFT 2004 Meadow Fescue - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2005	2006	2007	2005	2006	2007	2005	2006	2007
Preval	.	.	.	11,208	7,751	4,740	11,225	5,961	3,851	15,133	14,888	10,005
Mimer	.	.	.	9,993	7,601	4,175	10,507	5,175	3,884	14,602	13,785	10,539
Cuts	.	.	.	2	1	2	2	2	1	2	2	2
CV (%)	.	.	.	11.6	8.1	8.8	9.6	5.3	9.4	7.7	11.3	8.9
Trial Mean (kg/ha)	.	.	.	10,601	7,676	4,458	10,866	5,568	3,868	14,868	14,337	10,272

### Summary WFT 2004 Meadow Fescue - Saskatchewan

Cultivar	Forage Yield as % of Mimer											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2005	2006	2007	2005	2006	2007	2005	2006	2007
Preval	.	.	.	112	102	114	107	115	99	104	108	95
Mimer	.	.	.	100	100	100	100	100	100	100	100	100
Cuts	.	.	.	2	1	2	2	2	1	2	2	2
CV (%)	.	.	.	11.6	8.1	8.8	9.6	5.3	9.4	7.7	11.3	8.9
Mimer (kg/ha)	.	.	.	9,993	7,601	4,175	10,507	5,175	3,884	14,602	13,785	10,539

### Summary WFT 2004 Meadow Fescue - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Preval	2,272	1,107	3,111	6,741	6,420	8,012	1,606	2,261	3,814
Mimer	2,344	1,279	3,032	5,519	6,572	8,950	1,726	2,281	3,771

Cuts	1	1	1	1	1	1	1	1	1
CV (%)	11.6	22.6	10.7	8.5	11.9	10.2	19.6	12.5	10.0
Trial Mean (kg/ha)	2,308	1,193	3,072	6,130	6,496	8,481	1,666	2,271	3,793

### Summary WFT 2004 Meadow Fescue - Manitoba

Cultivar	Forage Yield as % of Mimer								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Preval	97	87	103	122	98	90	93	99	101
Mimer	100	100	100	100	100	100	100	100	100

Cuts	1	1	1	1	1	1	1	1	1
CV (%)	11.6	22.6	10.7	8.5	11.9	10.2	19.6	12.5	10.0
Mimer (kg/ha)	2,344	1,279	3,032	5,519	6,572	8,950	1,726	2,281	3,771

## Summary WFT 2004 Misc. Grass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
ARC 101-1 (CWR)	9,018	5,600	.	7,065	3,375	.	9,307	7,212	.	14,303	9,392	.	10,573	7,208	.
ARC 103-1 (NB)	6,728	4,587	.	5,131	2,080	.	5,523	4,208	.	5,870	4,330	.	7,256	3,768	.
Carlton (SB)	9,004	6,501	.	5,895	3,893	.	6,614	11,067	.	17,922	15,284	.	12,706	9,016	.
Fleet (MB)	7,467	3,982	.	8,930	4,081	.	7,564	10,958	.	15,396	11,518	.	12,300	8,480	.
Spring Green (Fest)	2,256	3,664	.	.	.	.	.	.	.	9,428	7,976	.	11,466	654	.
Cuts	1	1	.	1	1	.	2	2	.	2	2	.	3	2	.
CV (%)	19.3	18.1	.	12.8	20.2	.	7.2	24.4	.	8.7	16.6	.	4.3	22.2	.
Trial Mean (kg/ha)	6,895	4,867	.	6,755	3,357	.	7,252	8,361	.	12,584	9,700	.	10,860	5,825	.

CWR = Canadian Wildrye  
 Fest = Festulolium  
 MB = Meadow Bromegrass  
 NB = Nodding Brome  
 SB = Smooth Bromegrass

### Summary WFT 2004 Misc. Grass - Alberta

Cultivar	Forage Yield as % of Fleet														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008	2006	2007	2008
ARC 101-1 (CWR)	121	141	.	79	83	.	123	66	.	93	82	.	86	85	.
ARC 103-1 (NB)	90	115	.	57	51	.	73	38	.	38	38	.	59	44	.
Carlton (SB)	121	163	.	66	95	.	87	101	.	116	133	.	103	106	.
Fleet (MB)	100	100	.	100	100	.	100	100	.	100	100	.	100	100	.
Spring Green (Fest)	30	92	.	.	.	.	.	.	.	61	69	.	93	8	.
Cuts	1	1	.	1	1	.	2	2	.	2	2	.	3	2	.
CV (%)	19.3	18.1	.	12.8	20.2	.	7.2	24.4	.	8.7	16.6	.	4.3	22.2	.
Fleet (kg/ha)	7,467	3,982	.	8,930	4,081	.	7,564	10,958	.	15,396	11,518	.	12,300	8,480	.

CWR = Canadian Wildrye  
 Fest = Festulolium  
 MB = Meadow Bromegrass  
 NB = Nodding Brome  
 SB = Smooth Bromegrass

### Summary WFT 2004 Orchardgrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
2000ABC	.	.	.	.	.	.	.	.	.	15,762	15,655	14,564	13,645	10,671	3,575
2000DEF	.	.	.	.	.	.	.	.	.	16,696	13,850	14,433	12,145	9,001	2,711
Early Arctic	.	.	.	.	.	.	.	.	.	17,841	15,635	16,100	13,487	11,059	3,663
Kay	.	.	.	.	.	.	.	.	.	19,004	15,045	15,576	13,328	10,036	3,105
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	2	2	1
CV (%)	.	.	.	.	.	.	.	.	.	6.7	7.3	8.3	7.9	7.2	14.6
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	17,326	15,046	15,168	13,151	10,192	3,264

### Summary WFT 2004 Orchardgrass - Alberta

Cultivar	heavy Forage Yield as % of Kay														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
2000ABC	.	.	.	.	.	.	.	.	.	83	104	94	102	106	115
2000DEF	.	.	.	.	.	.	.	.	.	88	92	93	91	90	87
Early Arctic	.	.	.	.	.	.	.	.	.	94	104	103	101	110	118
Kay	.	.	.	.	.	.	.	.	.	100	100	100	100	100	100
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	2	2	1
CV (%)	.	.	.	.	.	.	.	.	.	6.7	7.3	8.3	7.9	7.2	14.6
Kay (kg/ha)	.	.	.	.	.	.	.	.	.	19,004	15,045	15,576	13,328	10,036	3,105

## Summary WFT 2004 Orchardgrass - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2005	2006	2007	2005	2006	2007	2005	2006	2007
2000ABC	.	.	.	11,176	9,015	7,058	8,480	6,131	5,505	19,542	19,784	9,293
2000DEF	.	.	.	8,376	7,467	7,165	7,354	5,962	4,318	16,112	14,302	7,754
Early Arctic	.	.	.	10,088	8,475	6,440	8,765	6,583	4,775	19,086	18,163	9,504
Kay	.	.	.	9,814	7,100	6,876	7,965	6,591	5,012	18,625	15,194	7,266
Cuts	.	.	.	2	1	2	2	2	1	2	2	2
CV (%)	.	.	.	8.3	12.8	7.6	5.7	6.7	18.9	19.8	11.6	14.8
Trial Mean (kg/ha)	.	.	.	9,864	8,014	6,885	8,141	6,317	4,903	18,341	16,861	8,454

## Summary WFT 2004 Orchardgrass - Saskatchewan

Cultivar	Forage Yield as % of Kay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2005	2006	2007	2005	2006	2007	2005	2006	2007
2000ABC	.	.	.	114	127	103	106	93	110	105	130	128
2000DEF	.	.	.	85	105	104	92	90	86	87	94	107
Early Arctic	.	.	.	103	119	94	110	100	95	102	120	131
Kay	.	.	.	100	100	100	100	100	100	100	100	100
Cuts	.	.	.	2	1	2	2	2	1	2	2	2
CV (%)	.	.	.	8.3	12.8	7.6	5.7	6.7	18.9	19.8	11.6	14.8
Kay (kg/ha)	.	.	.	9,814	7,100	6,876	7,965	6,591	5,012	18,625	15,194	7,266



## Summary WFT 2004 Orchardgrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
2000ABC	4,541	886	4,018	15,254	8,711	9,992	1,633	2,162	3,033
2000DEF	3,571	977	4,053	11,053	8,621	7,117	1,783	2,353	2,508
Early Arctic	4,693	945	3,919	14,184	8,282	9,275	1,431	2,269	2,940
Kay	4,121	1,064	4,279	12,348	8,661	7,370	1,647	2,059	2,742
Cuts	2	1	1	2	1	1	1	1	1
CV (%)	6.8	14.4	14.0	5.3	13.7	7.1	15.2	10.6	14.2
Trial Mean (kg/ha)	4,232	968	4,067	13,210	8,569	8,439	1,624	2,211	2,806

## Summary WFT 2004 Orchardgrass - Manitoba

Cultivar	Forage Yield as % of Kay								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
2000ABC	110	83	94	124	101	136	99	105	111
2000DEF	87	92	95	90	100	97	108	114	91
Early Arctic	114	89	92	115	96	126	87	110	107
Kay	100	100	100	100	100	100	100	100	100
Cuts	2	1	1	2	1	1	1	1	1
CV (%)	6.8	14.4	14.0	5.3	13.7	7.1	15.2	10.6	14.2
Kay (kg/ha)	4,121	1,064	4,279	12,348	8,661	7,370	1,647	2,059	2,742

## Summary WFT 2002 Tall Fescue - Saskatchewan

(Saskatoon seeded in 2004)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	1			2			Irrigation		
	Swift Current			Saskatoon			Outlook		
	2004	2005	.	2005	2006	2007	2004	2005	2006
Courtenay	4,308	1,667	.	12,087	9,032	7,866	10,444	19,781	14,549
TF 10111	2,367	1,199	.	7,614	7,313	6,277	5,171	14,686	10,149
UMTF	5,297	1,842	.	9,212	9,134	6,930	10,514	18,640	14,634

Cuts	1	1	.	2	1	2	2	2	2
CV (%)	15.8	17.0	.	5.6	5.5	14.6	7.5	13.3	22.5
Trial Mean (kg/ha)	3,991	1,569	.	9,638	8,493	7,024	8,710	17,702	13,111

## Summary WFT 2002 Tall Fescue - Saskatchewan

(Saskatoon seeded in 2004)

Cultivar	Forage Yield as % of Courtenay								
	1			2			Irrigation		
	Swift Current			Saskatoon			Outlook		
	2004	2005	.	2005	2006	2007	2004	2005	2006
Courtenay	100	100	.	100	100	100	100	100	100
TF 10111	55	72	.	63	81	80	50	74	70
UMTF	123	110	.	76	101	88	101	94	101

Cuts	1	1	.	2	1	2	2	2	2
CV (%)	15.8	17.0	.	5.6	5.5	14.6	7.5	13.3	22.5
Courtenayr (kg/ha)	4,308	1,667	.	12,087	9,032	7,866	10,444	19,781	14,549

## Summary WFT 2002 Timothy - Alberta

(Vegreville, Westlock & Brooks seeded 2003, Fort Kent seeded 2004)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2004	2005	2006	2005	2006	2007	2004	2005	2006	2004	2005	2006	2003	2004	2005
45-214	6,254	8,344	3,867	9,559	4,421	2,075	7,862	8,461	5,318	18,002	13,593	8,568	5,359	2,843	2,711
ALMA	6,444	7,818	3,863	9,413	4,666	1,925	7,897	9,046	5,303	13,878	10,726	7,864			
Charlton	6,166	10,597	4,096	8,201	3,598	2,045	6,618	6,321	4,668	12,312	10,060	7,394	4,485	2,813	3,488
Climax	6,086	9,550	4,021	10,570	4,774	2,079	7,934	8,183	5,071	17,086	11,911	8,265	6,286	2,625	3,337
Jonaton	6,496	8,238	3,942	10,731	4,250	2,047	8,101	8,992	6,293	14,081	10,691	8,092	6,137	3,219	3,370
NS02TY	6,796	9,799	4,058	10,870	4,973	2,389	7,771	8,461	5,865	14,033	11,815	8,331	4,773	3,536	3,056
Cuts	1	2	1	1	1	1	1	2	1	2	2	2	1	1	1
CV (%)	8.2	8.6	9.8	20.4	21.1	18.5	3.3	4.4	10.1	7.7	10.4	5.0	10.9	16.1	5.8
Trial Mean (kg/ha)	6,374	9,058	3,975	9,891	4,447	2,093	7,697	8,244	5,420	14,899	11,466	8,086	5,408	3,007	3,192

## Summary WFT 2002 Timothy - Alberta

(Vegreville, Westlock & Brooks seeded 2003, Fort Kent seeded 2004)

Cultivar	Forage Yield as % of Climax														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2004	2005	2006	2005	2006	2007	2004	2005	2006	2004	2005	2006	2003	2004	2005
45-214	103	87	96	90	93	100	99	103	105	105	114	104	85	108	81
ALMA	106	82	96	89	98	93	100	111	105	81	90	95			
Charlton	101	111	102	78	75	98	83	77	92	72	84	89	71	107	105
Climax	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Jonaton	107	86	98	102	89	98	102	110	124	82	90	98	98	123	101
NS02TY	112	103	101	103	104	115	98	103	116	82	99	101	76	135	92
Cuts	1	2	1	1	1	1	1	2	1	2	2	2	1	1	1
CV (%)	8.2	8.6	9.8	20.4	21.1	18.5	3.3	4.4	10.1	7.7	10.4	5.0	10.9	16.1	5.8
Climax (kg/ha)	6,086	9,550	4,021	10,570	4,774	2,079	7,934	8,183	5,071	17,086	11,911	8,265	6,286	2,625	3,337

### Summary WFT 2004 Timothy - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
Climax	.	.	.	.	.	.	.	.	.	14,066	10,907	11,828	13,427	6,398	8,454
SW TT2527	.	.	.	.	.	.	.	.	.	14,518	13,583	12,697	11,590	8,264	9,864
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2
CV (%)	.	.	.	.	.	.	.	.	.	14.3	8.4	11.6	5.1	5.7	8.1
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	14,292	12,245	12,263	12,509	7,331	9,159

### Summary WFT 2004 Timothy - Alberta

Cultivar	Forage Yield as % of Climax														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2005	2006	2007	2005	2006	2007
Climax	.	.	.	.	.	.	.	.	.	100	100	100	100	100	100
SW TT2527	.	.	.	.	.	.	.	.	.	103	125	107	86	129	117
Cuts	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2
CV (%)	.	.	.	.	.	.	.	.	.	14.3	8.4	11.6	5.1	5.7	8.1
Climax (kg/ha)	.	.	.	.	.	.	.	.	.	14,066	10,907	11,828	13,427	6,398	8,454

## Summary WFT 2004 Timothy - Saskatchewan

Saskatoon re-seeded in 2005

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	1						2			3			Irrigation		
	Swift Current			Swift Current A			Saskatoon			Melfort			Outlook		
	.	.	.	.	.	.	2006	2007	.	2005	2006	2007	2005	2006	2007
Climax	.	.	.	.	.	.	9,155	8,192	.	11,257	9,041	7,512	12,941	15,020	13,755
SW TT2527	.	.	.	.	.	.	8,676	7,480	.	11,304	8,581	7,930	13,848	13,458	14,240
Cuts	.	.	.	.	.	.	1	2	.	2	2	1	2	2	2
CV (%)	.	.	.	.	.	.	5.1	11.7	.	2.3	6.0	9.6	8.2	5.4	11.2
Trial Mean (kg/ha)	.	.	.	.	.	.	8,916	7,836	.	11,281	8,811	7,721	13,395	14,239	13,998

## Summary WFT 2004 Timothy - Saskatchewan

Saskatoon re-seeded in 2005

Cultivar	Forage Yield as % of Climax														
	1						2			3			Irrigation		
	Swift Current			Swift Current A			Saskatoon			Melfort			Outlook		
	.	.	.	.	.	.	2006	2007	.	2005	2006	2007	2005	2006	2007
Climax	.	.	.	.	.	.	100	100	.	100	100	100	100	100	100
SW TT2527	.	.	.	.	.	.	95	91	.	100	95	106	107	90	104
Cuts	.	.	.	.	.	.	1	2	.	2	2	1	2	2	2
CV (%)	.	.	.	.	.	.	5.1	11.7	.	2.3	6.0	9.6	8.2	5.4	11.2
Climax (kg/ha)	.	.	.	.	.	.	9,155	8,192	.	11,257	9,041	7,512	12,941	15,020	13,755

### Summary WFT 2004 Timothy - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Climax	5,450	2,068	8,617	14,539	9,472	11,465	2,526	2,242	5,278
SW TT2527	5,078	1,973	6,849	10,323	8,110	9,239	2,241	2,390	4,095

Cuts	2	1	1	2	1	1	1	1	1
CV (%)	8.8	10.6	5.6	4.2	7.8	4.1	17.7	4.6	7.8
Trial Mean (kg/ha)	5,264	2,021	7,733	12,431	8,791	10,352	2,384	2,316	4,687

### Summary WFT 2004 Timothy - Manitoba

Cultivar	Forage Yield as % of Climax								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2005	2006	2007
Climax	100	100	100	100	100	100	100	100	100
SW TT2527	93	95	79	71	86	81	89	107	78

Cuts	2	1	1	2	1	1	1	1	1
CV (%)	8.8	10.6	5.6	4.2	7.8	4.1	17.7	4.6	7.8
Climax (kg/ha)	5,450	2,068	8,617	14,539	9,472	11,465	2,526	2,242	5,278

### Summary WFT 2005 Timothy - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2006	2007	2008	2006	2007	2008
Climax	.	.	.	.	.	.	.	.	.	13,500	10,272	.	9,268	4,419	.
SW TT2503	.	.	.	.	.	.	.	.	.	13,699	11,145	.	10,084	4,589	.
Cuts	.	.	.	.	.	.	.	.	.	2	2	.	2	2	.
CV (%)	.	.	.	.	.	.	.	.	.	6.4	3.7	.	8.7	18.3	.
Trial Mean (kg/ha)	.	.	.	.	.	.	.	.	.	13,600	10,709	.	9,676	4,504	.

### Summary WFT 2005 Timothy - Alberta

Cultivar	Forage Yield as % of Climax														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	.	.	.	.	.	.	.	.	.	2006	2007	2008	2006	2007	2008
Climax	.	.	.	.	.	.	.	.	.	100	100	.	100	100	.
SW TT2503	.	.	.	.	.	.	.	.	.	101	108	.	109	104	.
Cuts	.	.	.	.	.	.	.	.	.	2	2	.	2	2	.
CV (%)	.	.	.	.	.	.	.	.	.	6.4	3.7	.	8.7	18.3	.
Climax (kg/ha)	.	.	.	.	.	.	.	.	.	13,500	10,272	.	9,268	4,419	.



### Summary WFT 2005 Timothy - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2006	2007	2008	2006	2007	2008	2006	2007	2008
Climax	.	.	.	9,813	8,478	.	9,213	8,139	.	17,050	8,516	.
SW TT2503	.	.	.	9,396	8,899	.	8,824	8,287	.	15,610	9,265	.
Cuts	.	.	.	1	2	.	2	1	.	2	2	.
CV (%)	.	.	.	6.4	13.0	.	5.7	4.1	.	11.1	10.1	.
Trial Mean (kg/ha)	.	.	.	9,605	8,689	.	9,019	8,213	.	16,330	8,891	.

### Summary WFT 2005 Timothy - Saskatchewan

Cultivar	Forage Yield as % of Climax											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	.	.	.	2006	2007	2008	2006	2007	2008	2006	2007	2008
Climax	.	.	.	100	100	.	100	100	.	100	100	.
SW TT2503	.	.	.	96	105	.	96	102	.	92	109	.
Cuts	.	.	.	1	2	.	2	1	.	2	2	.
CV (%)	.	.	.	6.4	13.0	.	5.7	4.1	.	11.1	10.1	.
Climax (kg/ha)	.	.	.	9,813	8,478	.	9,213	8,139	.	17,050	8,516	.

### Summary WFT 2005 Timothy - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Climax	5,313	.	.	9,697	13,490	.	.	.	.
SW TT2503	5,477	.	.	8,730	10,379	.	.	.	.

Cuts	1	.	.	1	1	.	.	.	.
CV (%)	11.2	.	.	9.2	6.3	.	.	.	.
Trial Mean (kg/ha)	5,395	.	.	9,214	11,935	.	.	.	.

### Summary WFT 2005 Meadow Bromegrass - Manitoba

Cultivar	Forage Yield as % of Climax								
	3								
	Arborg			Rosebank			St. Pierre		
	2006	2007	2008	2006	2007	2008	2006	2007	2008
Climax	100	.	.	100	100	.	.	.	.
SW TT2503	103	.	.	90	77	.	.	.	.

Cuts	1	.	.	1	1	.	.	.	.
CV (%)	11.2	.	.	9.2	6.3	.	.	.	.
Climax (kg/ha)	5,313	.	.	9,697	13,490	.	.	.	.

## Application for Entry into Registration Trials

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

2. Experimental Name or Number :

3. Variety Name (if named) :

4.

	Name	Address	E-mail
<b>Applicant</b>			
<b>Breeder</b>			
<b>Who to Invoice</b>			

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.

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
- St-Pierre-Joylys

**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 to:

**DOUG FRIEBEL**  
Agriculture & Agri-Food Canada  
5403 – 1<sup>st</sup> 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: [Friebeld@agr.gc.ca](mailto:Friebeld@agr.gc.ca)

**Deadlines:**

Entries – February 15  
Seed – March 15

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**Western Forage Testing Coordination Committee**  
**Forage Trial Assessment Form**

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Location

Year of Seeding

Species

Assessors

Decision

\_\_\_\_\_ Accept

\_\_\_\_\_ Reject  
Accept

\_\_\_\_\_ Conditionally

Comments and Conditions of Acceptance: