

**Alberta
Agriculture & Food**

**Saskatchewan
Agriculture & Food**

**Manitoba Agriculture,
Food and Rural Initiative**

**WFTEST:
The Western Forage
Testing System
Report
2008**



**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.

Table of Contents

		Page No.
Western Forage Testing System Guidelines		i
Species and Origin of Entries in WFTesting System		vi
Alfalfa 2002	Saskatchewan	Outlook .....1
Alfalfa 2004	Alberta	Vegreville.....2
	Saskatchewan	Swift Current.....2
	Manitoba	St. Pierre.....3
Alfalfa 2005	Alberta	Lethbridge .....4
		Vegreville.....4
		Brooks .....5
	Saskatchewan	Swift Current.....5
		Saskatoon .....6
		Melfort .....6
		Outlook .....7
	Manitoba	Arborg .....7
		Rosebank.....8
		St. Pierre.....8
Alfalfa 2007	Alberta	Lethbridge .....9
		Vegreville.....10
		Westlock .....11
		Swift Current.....12
	Saskatchewan	Saskatoon .....13
		Melfort .....14
		Outlook .....15
	Manitoba	Rosebank.....16
		St. Pierre.....17
Crested Wheat 2007	Alberta	Vegreville.....18
		Westlock .....18
	Saskatchewan	Saskatoon .....19
		Melfort .....19
		Outlook .....19
	Manitoba	Rosebank.....18
		St. Pierre.....18
Italian Ryegrass 2007	Alberta	Vegreville.....21
	Manitoba	Arborg .....21

Meadow Brome 2007	Alberta	Vegreville.....	22
	Saskatchewan	Saskatoon	22
		Melfort	22
	Manitoba	Outlook	23
		Rosebank.....	23
		St. Pierre.....	23
Miscellaneous Grass 2005	Alberta	Lethbridge.....	24
		Vegreville.....	24
		Brooks.....	25
Orchardgrass 2007	Alberta	Vegreville.....	26
	Saskatchewan	Westlock	26
		Saskatoon	27
		Melfort	27
	Manitoba	Outlook	28
		Rosebank.....	28
Red Clover 2007	Manitoba	Rosebank.....	29
Smooth Brome 2007	Alberta	Vegreville.....	30
	Saskatchewan	Saskatoon	30
		Melfort	30
		Outlook	31
	Manitoba	Rosebank.....	31
		St. Pierre.....	31
Tall Fescue 2007	Alberta	Vegreville.....	32
	Saskatchewan	Westlock	32
		Saskatoon	32
		Melfort	33
	Manitoba	Outlook	33
		Rosebank.....	33
St. Pierre.....		34	
Timothy 2004	Saskatchewan	Saskatoon	35
Timothy 2005	Alberta	Lethbridge.....	36
		Brooks.....	36
	Saskatchewan	Saskatoon	36
		Melfort	37
		Outlook	37
	Manitoba	Arborg.....	37
Rosebank.....		38	
	St. Pierre.....	38	

Timothy 2007	Alberta	Vegreville.....	39
		Westlock	39
Saskatchewan		Saskatoon	40
		Melfort	40
		Outlook	41
		Rosebank.....	41
Manitoba		St. Pierre.....	42

Summary Tables:

Alfalfa 2002	Saskatchewan.....	44-45
Alfalfa 2004	Alberta.....	46-47
	Saskatchewan.....	48-49
	Manitoba	50-51
Alfalfa 2005	Alberta.....	52-53
	Saskatchewan.....	54-55
	Manitoba	56-57
Alfalfa 2007	Alberta.....	58-59
	Saskatchewan.....	60-61
	Manitoba	62-63
Crested Wheat 2007	Alberta.....	64
	Saskatchewan.....	65
	Manitoba	66
Italian Ryegrass 2007	Alberta.....	67
	Manitoba	68
Meadow Brome 2007	Alberta.....	69
	Saskatchewan.....	70
	Manitoba	71
Miscellaneous Grass 2005	Alberta.....	72-73
Orchard Grass 2007	Alberta.....	74-75
	Saskatchewan.....	76-77
	Manitoba	78-79
Red Clover 2007	Manitoba	80
Smooth Brome 2007	Alberta.....	81
	Saskatchewan.....	82
	Manitoba	83

Tall Fescue 2007	Alberta.....	84
	Saskatchewan.....	85
	Manitoba	86
Timothy 2004	Alberta.....	87
	Saskatchewan.....	88
	Manitoba	89
Timothy 2005	Alberta.....	90
	Saskatchewan.....	91
	Manitoba	92
Timothy 2007	Alberta.....	93
	Saskatchewan.....	94
	Manitoba	95
Appendix 3- Application Form.....		97

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 11 sites is \$825/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

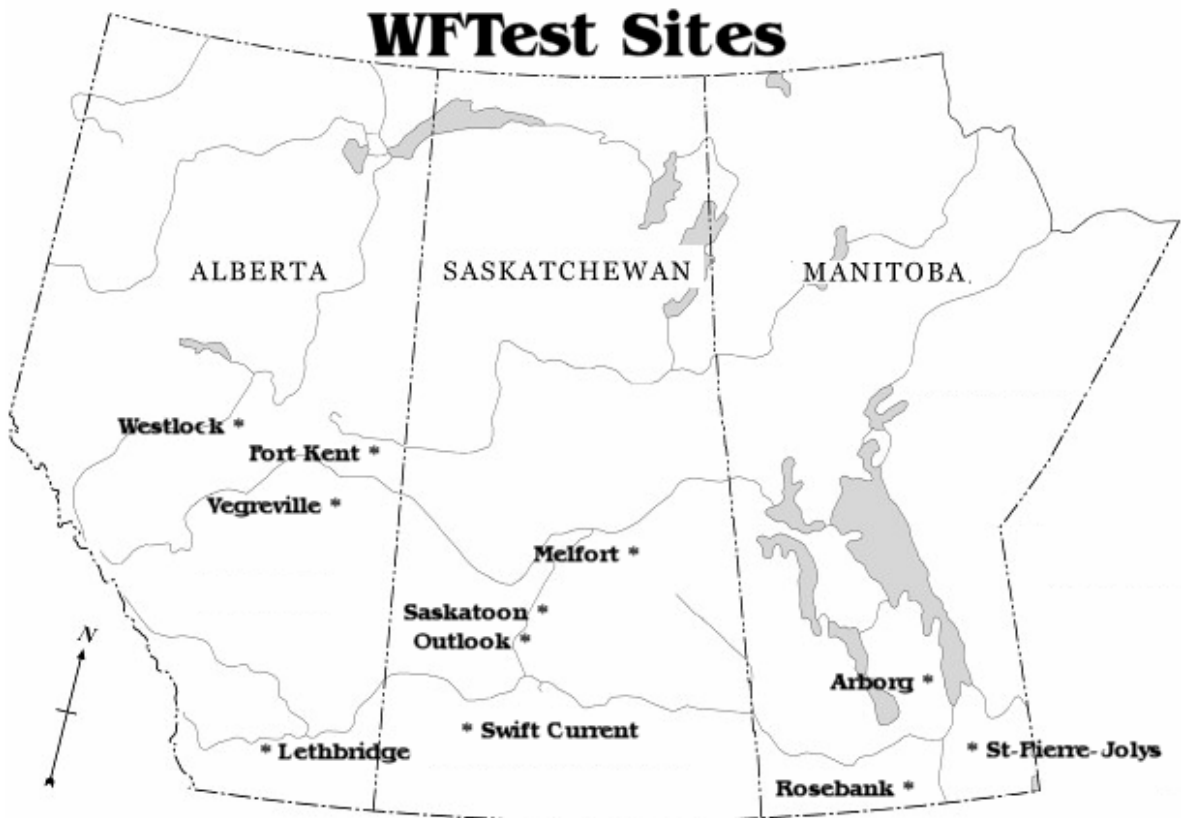
- Arborg (black) Area 3
- Rosebank (black) Area 3
- St-Pierre-Jolys (black) Area 3

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.

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
5403 – 1st Avenue South
P.O. Box 3000 Main
Lethbridge, AB T1J 4B1
Phone: (403) 317-2151 ext. 4227
Fax: (403) 382-3156
E-mail: friebeld@agr.gc.ca

Manitoba

Glen Friesen
Manitoba Agriculture, Food and Rural
Initiative
Box 1149 #65 – 3rd Ave. N. E.
Carmen, MB R0G 0J0
Phone: (204) 745-5672
Fax: (204) 745-5690
E-mail: glenn.frisen@gov.mb.ca

Saskatchewan

Tim Nelson
Agriculture and Agri-Food Canada
Saskatoon Research Centre
107 Science Place
Saskatoon, SK S7N 0X2
Phone: (306) 956-7233
Fax: (306) 956-7247
E-mail: nelsont@agr.gc.ca

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>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>Michel Tremblay Saskatchewan Agriculture & Food 133, 3085 Albert St. REGINA, SK S4S 0B1 Phone: 306-787-7712 Fax: 306-787-0428 e-mail: mtremblay@agr.gov.sk.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>	<p>Glen Friesen Manitoba Agriculture, Food and Rural Initiative Box 1149 #65-3rd Ave. N. E. CARMEN, MB R0G 0J0 Phone: 204-745-5672 Fax: 204-745-5690 e-mail: glenn.friesen@gov.mb.ca</p>

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 2007

1.	NS07-01	Northstar Seeds
2.	Fleet	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 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. | Altaswede | 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	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 25-Jun	Cut 2 6-Aug	Cut 3 .		
Rangelander	4215	4009	.	8260	117
DS233	3396	4516	.	7912	112
Rambler	3739	4052	.	7791	111
DS235	3058	4278	.	7336	104
LRC01CR	3088	4208	.	7296	103
DS236	2967	4197	.	7164	102
Beaver	3216	3834	.	7050	100
DS234	3062	3909	.	6971	99
AC Blue J	3006	3882	.	6888	98
54Q25	2644	3984	.	6629	94
55V05	.	.	.	.	.
NS02CK	.	.	.	.	.
mean	3263	4084	.	7348	104
CV (%)	20.6	16.1	.	16.9	
LSD (0.05)	981	962	.	1812	
CV (%) (sqrt)	.	.	.	.

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

2004 WFT Alfalfa, Vegreville AB, Area - 3
re-seeded in 2005

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Beaver
	Cut 1 July 9	Cut 2	Cut 3		
MS Sunstra-422	4878	.	.	4878	130
AC Blue J	4312	.	.	4312	115
P435	4255	.	.	4255	113
Rangelander	4142	.	.	4142	110
Rambler	3776	.	.	3776	100
Beaver	3764	.	.	3764	100
MS Sunstra-423	3678	.	.	3678	98
CW 52044	3673	.	.	3673	98
CW 83021	3487	.	.	3487	93
mean	3996	.	.	3996	106
CV (%)	24.03	.	.	24.03	
LSD (0.05)	1162	.	.	1162	
CV (%) (sqrt)	11.88	.	.	11.88	

2004 WFT Alfalfa, Swift Current SK, Area - 1
re-seeded in 2005

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Beaver
	Cut 1 03-Jul	Cut 2 19-Aug	Cut 3		
Rangelander	2534	779	.	3313	111
Beaver	2140	856	.	2996	100
MS Sunstra-423	2049	927	.	2976	99
CW 52044	2105	733	.	2838	95
Rambler	2171	645	.	2816	94
AC Blue J	1925	816	.	2741	91
MS Sunstra-422	1895	792	.	2687	90
P435	1644	767	.	2411	80
CW 83021	1479	774	.	2253	75
mean	2049	766	.	2815	94
CV (%)	12.82	20.67	.	14.17	
LSD (0.05)	378	228	.	574	
CV (%) (sqrt)	.	.	.	.
Cultivar FG-4G73 dropped from testing					

2004 WFT Alfalfa, St. Pierre MB, Area - 3
re-seeded in 2006

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 05-Jul	Cut 2 18-Aug	Cut 3 .		
Beaver	5223	4691	.	9914	100
P435	5511	4044	.	9555	96
AC Blue J	5122	4258	.	9380	95
Rambler	5545	3757	.	9302	94
MS Sunstra-423	5354	3921	.	9275	94
CW 83021	5165	4104	.	9269	93
MS Sunstra-422	4485	4524	.	9009	91
CW 52044	5053	3947	.	9000	91
Rangelander	4867	3730	.	8597	87
mean	5160	4138	.	9298	94
CV (%)	10.06	19.32	.	10.27	
LSD (0.05)	753	1160	.	1385	
CV (%) (sqrt)	.	.	.	.
Cultivar FG-4G73 dropped from testing					

2005 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)				% of Beaver
	Cut 1 30-Jun	Cut 2 7-Aug	Cut 3 15-Oct	Total	
WL 319 HQ	5531	3949	1330	10810	116
Prince George	5856	3652	1187	10695	114
53Q30	5335	3640	1562	10537	113
AC Blue J	5531	3675	1178	10384	111
Salt Tolerant	5791	3471	937	10199	109
SL-A5001	5075	3675	1446	10196	109
Equinox	5010	3570	1437	10017	107
Convoy	4945	3314	1618	9877	106
Keho Lake	5270	3203	902	9375	100
Beaver	5140	3331	884	9355	100
C211-201	5010	2731	1071	8812	94
Rambler	5270	2248	554	8072	86
Rangelander	5140	2167	312	7619	81
mean	5300	3279	1109	9688	104
CV (%)	9.17	16.44	20.06	9.44	
LSD (0.05)	515	568	221	960	
CV (%) (sqrt)	4.60	7.93	11.00	4.66	

2005 WFT Alfalfa, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)				% of Beaver
	Cut 1 9-Jul	Cut 2	Cut 3	Total	
Rambler	3730	.	.	3730	105
Beaver	3546	.	.	3546	100
Keho Lake	3510	.	.	3510	99
SL-A5001	3448	.	.	3448	97
Convoy	3141	.	.	3141	89
Prince George	3120	.	.	3120	88
WL 319 HQ	3047	.	.	3047	86
53Q30	3042	.	.	3042	86
Rangelander	2949	.	.	2949	83
Equinox	2729	.	.	2729	77
AC Blue J	2697	.	.	2697	76
C211-201	2602	.	.	2602	73
Salt Tolerant	2457	.	.	2457	69
mean	3078	.	.	3078	87
CV (%)	26.72	.	.	26.72	
LSD (0.05)	982	.	.	982	
CV (%) (sqrt)	14.24			14.24	

2005 WFT Alfalfa, Brooks AB, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)				% of Beaver
	Cut 1 20-Jun	Cut 2 22-Jul	Cut 3 4-Sep	Total	
Equinox	5671	4150	4097	13919	106
AC Blue J	5796	4118	3795	13709	104
Convoy	5492	4188	3999	13680	104
53Q30	5541	4078	3915	13534	103
SL-A5001	5929	4046	3674	13650	103
WL 319 HQ	5462	3908	3888	13258	101
Beaver	5469	3780	3940	13189	100
Salt Tolerant	5380	3802	3650	12831	97
Prince George	5426	3871	3217	12514	95
C211-201	4958	3605	3023	11585	88
Rangelander	5399	3177	2865	11441	87
Keho Lake	5220	2892	2886	10997	83
Rambler	4858	2813	2704	10376	79
mean	5431	3725	3512	12668	96
CV (%)	13.5	10.9	13.8	9.7	
LSD (0.05)	.	583	694	1763	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)				% of Beaver
	Cut 1 3-Jul	Cut 2 19-Aug	Cut 3 .	Total	
Convoy	2841	759	.	3600	117
Rangelander	2671	692	.	3363	109
Keho Lake	2490	742	.	3232	105
Rambler	2617	595	.	3212	104
Equinox	2285	830	.	3115	101
Beaver	2340	748	.	3088	100
SL-A5001	2309	764	.	3073	100
Salt Tolerant	2304	697	.	3001	97
Prince George	2284	721	.	3005	97
53Q30	2104	724	.	2828	92
WL 319 HQ	2115	707	.	2822	91
AC Blue J	2046	673	.	2719	88
C211-201	1921	665	.	2586	84
mean	2333	717	.	3050	99
CV (%)	18.50	12.32	.	15.45	
LSD (0.05)	615	120	.	664	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 26-May	Cut 2 15-Aug	Cut 3 .		
Equinox	7130	5203	.	12333	141
53Q30	5515	3972	.	9487	109
WL319HQ	5718	3685	.	9403	108
Salt Tolerant	5502	3897	.	9399	108
SL-A5001	4542	4754	.	9296	107
AC Blue J	4955	4189	.	9144	105
Beaver	4882	3845	.	8727	100
Convoy	4961	3588	.	8549	98
Keho Lake	4696	3802	.	8498	97
C211-201	4302	4073	.	8375	96
Rangelander	5007	3351	.	8358	96
Prince George	4921	2865	.	7786	89
Rambler	4512	3112	.	7624	87
mean	5126	3872	.	8998	103
CV (%)	21.90	26.10	.	21.10	
LSD (0.05)	1614	1449	.	2729	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 2-Jul	Cut 2 15-Aug	Cut 3 .		
Equinox	3834	3567	.	7401	116
53Q30	3865	3398	.	7263	114
Convoy	3599	3361	.	6960	109
WL319HQ	3582	3213	.	6795	106
SL-A5001	3462	3267	.	6729	105
Salt Tolerant	3340	3189	.	6529	102
AC Blue J	3088	3378	.	6466	101
Beaver	3110	3283	.	6393	100
Keho Lake	2857	3093	.	5950	93
Prince George	2877	2847	.	5724	90
C211-201	2624	2972	.	5596	88
Rangelander	2787	2783	.	5570	87
Rambler	2746	2642	.	5388	84
mean	3213	3153	.	6366	100
CV (%)	13.10	10.20	.	10.70	
LSD (0.05)	603	465	.	978	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 25-Jun	Cut 2 6-Aug	Cut 3 .		
SL-A5001	3430	4349	.	7779	108
Prince George	3486	4222	.	7708	107
Rambler	3946	3596	.	7542	104
Salt Tolerant	3458	4033	.	7491	104
Equinox	3075	4343	.	7418	103
WL319HQ	3198	4058	.	7256	100
Beaver	3525	3706	.	7231	100
Rangelander	3859	3360	.	7219	100
AC Blue J	2677	4103	.	6780	94
53Q30	2613	3994	.	6607	91
Keho Lake	3040	3565	.	6605	91
Convoy	2331	4097	.	6428	89
C211-201	2549	3540	.	6089	84
mean	3168	3920	.	7088	98
CV (%)	14.70	9.80	.	10.40	
LSD (0.05)	672	553	.	1059	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Arborg MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 12-Jul	Cut 2 20-Aug	Cut 3 .		
Rambler	7126	3887	.	11013	107
Convoy	6160	4818	.	10978	107
SL-A5001	6519	4386	.	10905	106
AC Blue J	6692	4108	.	10800	105
Prince George	6755	4041	.	10796	105
C211-201	6450	4322	.	10772	105
Rangelander	6919	3760	.	10679	104
53Q30	6343	4309	.	10652	104
Equinox	6128	4390	.	10518	102
Keho Lake	6751	3670	.	10421	101
WL 319HQ	6483	3870	.	10353	101
Salt Tolerant	6517	3800	.	10317	100
Beaver	6489	3797	.	10286	100
mean	6564	4089	.	10653	104
CV (%)	13.47	11.91	.	9.34	
LSD (0.05)	1268	698	.	1427	
CV (%) (sqrt)	.	.	.	.

2005 WFT Alfalfa, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 30-Jun	Cut 2 7-Aug	Cut 3 .		
Keho Lake	7435	3925	.	11360	119
Salt Tolerant	7058	3803	.	10861	113
AC Blue J	7102	3565	.	10667	111
53Q30	6927	3692	.	10619	111
C211-201	6962	3074	.	10036	105
Convoy	6638	3024	.	9662	101
Prince George	6911	2680	.	9591	100
Equinox	6457	3125	.	9582	100
Beaver	6575	3002	.	9577	100
Rangelander	6323	3047	.	9370	98
SL-A5001	6226	2905	.	9131	95
WL 319HQ	6019	2708	.	8727	91
Rambler	6030	2105	.	8135	85
mean	6666	3127	.	9794	102
CV (%)	10.99	25.18	.	14.74	
LSD (0.05)	1051	1129	.	2070	
CV (%) (sqrt)	.	.	.	.

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

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 5-Jul	Cut 2 18-Aug	Cut 3 .		
AC Blue J	4200	3706	.	7906	100
Beaver	4538	3361	.	7899	100
Keho Lake	4461	3405	.	7866	100
WL 319HQ	4105	3576	.	7681	97
Salt Tolerant	4073	3569	.	7642	97
Rambler	4062	3509	.	7571	96
Equinox	4061	3422	.	7483	95
53Q30	4064	3318	.	7382	93
SL-A5001	3896	3281	.	7177	91
Convoy	3926	3134	.	7060	89
C211-201	3824	3184	.	7008	89
Rangelander	3730	3147	.	6877	87
Prince George	3822	3036	.	6858	87
mean	4059	3358	.	7416	94
CV (%)	10.03	13.56	.	10.26	
LSD (0.05)	584	653	.	1091	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, Lethbridge AB, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha⁻¹)				% of Beaver
	Cut 1 25-Jun	Cut 2 7-Aug	Cut 3 15-Oct	Total	
NS07-ALFI4	6685	4244	2788	13717	104
DS722	6832	4230	2580	13642	103
Beaver	6832	3938	2454	13224	100
CW 02001	6465	4077	2657	13199	100
54V09	6539	4184	2381	13104	99
DS721	6392	3997	2638	13027	99
SF 2103	6392	3960	2615	12967	98
Legendairy 5.0	6318	4310	2166	12794	97
SF 2104	6171	3917	2534	12622	95
SF 2303	6098	3902	2316	12316	93
AC Blue J	6612	3655	1786	12053	91
AMP10Z	6392	3553	2089	12034	91
LLB	5877	3596	1947	11420	86
PG	5730	3684	1855	11269	85
NS07-ALFQT	5583	3611	1997	11191	85
Rangelander	6024	3975	1140	11139	84
Rambler	5363	4077	1267	10707	81
mean	6253	3936	2189	12378	94
CV (%)	7.45	11.42	15.4	7.93	
LSD (0.05)	553	534	400	1165	
CV (%) (sqrt)	3.76	5.64	7.82	3.93	

2007 WFT Alfalfa, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 9-Jul	Cut 2	Cut 3		
Rangelander	4486	.	.	4486	128
CW 02001	3792	.	.	3792	108
DS721	3573	.	.	3573	102
Beaver	3500	.	.	3500	100
54V09	3452	.	.	3452	99
Legendairy 5.0	3169	.	.	3169	91
NS07-ALFQT	3013	.	.	3013	86
SF 2104	3013	.	.	3013	86
SF 2103	2965	.	.	2965	85
DS722	2902	.	.	2902	83
SF 2303	2830	.	.	2830	81
PG	2758	.	.	2758	79
Rambler	2625	.	.	2625	75
AC Blue J	2588	.	.	2588	74
LLB	2501	.	.	2501	71
NSO7-ALFI4	2411	.	.	2411	69
AMP10Z	2319	.	.	2319	66
mean	3053	.	.	3053	87
CV (%)	27.55	.	.	27.55	
LSD (0.05)	994	.	.	994	
CV (%) (sqrt)	12.86	.	.	12.86	

2007 WFT Alfalfa, Westlock AB, Area - 4

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 30-Jun	Cut 2 26-Aug	Cut 3 .		
Beaver	9419	4860	.	14279	100
Legendairy 5.0	9209	4718	.	13927	98
NSO7-ALFI4	8978	4576	.	13554	95
Rambler	9041	4149	.	13190	92
SF 2303	8242	4931	.	13173	92
Rangelander	8936	4149	.	13085	92
SF 2104	8284	4362	.	12646	89
CW 02001	7800	4623	.	12423	87
SF 2103	7758	4291	.	12049	84
LLB	7969	3793	.	11762	82
NS07-ALFQT	7401	4220	.	11621	81
DS722	7884	3675	.	11559	81
AC Blue J	7569	3959	.	11528	81
PG	7212	3319	.	10531	74
AMP10Z	6223	3556	.	9779	68
DS721	6539	3130	.	9669	68
54V09	6139	3177	.	9316	65
mean	7918	4088	.	12005	84
CV (%)	28.01	40.71	.	31.52	
LSD (0.05)	2630	1974	.	4487	
CV (%) (sqrt)	14.01	22.12	.	16.15	

2007 WFT Alfalfa, Swift Current SK, Area - 1

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 8-Jul	Cut 2 20-Aug	Cut 3 .		
SF 2104	3648	1074	.	4722	113
Rangelander	3689	881	.	4570	109
NSO7-ALFI4	3418	1039	.	4457	106
PG	3487	933	.	4420	105
SF 2303	3330	1006	.	4336	103
Legendairy 5.0	3239	1084	.	4323	103
LLB	3412	901	.	4313	103
Rambler	3479	755	.	4234	101
AC Blue J	3226	984	.	4210	101
DS722	3248	949	.	4197	100
Beaver	3307	884	.	4191	100
DS721	3181	931	.	4112	98
54V09	2883	958	.	3841	92
CW 02001	2888	894	.	3782	90
SF 2103	2833	922	.	3755	90
NS07-ALFQT	2707	862	.	3569	85
AMP10Z	2646	863	.	3509	84
mean	3213	936	.	4149	99
CV (%)	7.76	11.10	.	7.57	
LSD (0.05)	354	148	.	447	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 2-Jul	Cut 2 15-Aug	Cut 3 .		
SF 2104	2925	2347	.	5272	106
Rambler	3089	2177	.	5266	106
NSO7-ALFI4	2682	2573	.	5255	106
Beaver	2797	2165	.	4962	100
NS07-ALFQT	2489	2416	.	4905	99
AMP10Z	2716	2172	.	4888	99
DS722	2540	2333	.	4873	98
DS721	2663	2201	.	4864	98
54V09	2524	2300	.	4824	97
Legendairy 5.0	2592	2118	.	4710	95
SF 2303	2474	2222	.	4696	95
PG	2535	2134	.	4669	94
Rangelander	2770	1889	.	4659	94
CW 02001	2448	2097	.	4545	92
SF 2103	2226	2285	.	4511	91
LLB	2470	1984	.	4454	90
AC Blue J	2047	2155	.	4202	85
mean	2587	2210	.	4797	97
CV (%)	9.80	9.80	.	7.60	
LSD (0.05)	363	311	.	520	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 3-Jul	Cut 2 15-Aug	Cut 3 .		
NSO7-ALFI4	2356	4548	.	6904	111
Legendairy 5.0	2419	4205	.	6624	106
SF 2104	2378	4215	.	6593	106
Rangelander	2543	3862	.	6405	103
SF 2303	2242	4100	.	6342	102
Beaver	2196	4060	.	6229	100
Rambler	2389	3756	.	6145	99
DS722	2115	3839	.	5954	96
NSO7-ALFQT	1967	3952	.	5919	95
DS721	1950	3875	.	5825	94
LLB	1993	3822	.	5815	93
SF 2103	1943	3835	.	5778	93
AMP10Z	1981	3782	.	5763	93
CW 02001	1919	3753	.	5672	91
PG	2101	3461	.	5562	89
AC Blue J	1794	3641	.	5435	87
54V09	1525	3555	.	5080	82
mean	2107	3898	.	6003	96
CV (%)	15.00	11.10	.	11.40	
LSD (0.05)	450	616	.	975	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 25-Jun	Cut 2 6-Aug	Cut 3 .		
NS07-ALFQT	4783	4455	.	9238	111
CW 02001	4784	4038	.	8822	106
SF 2103	4452	4348	.	8800	105
AC Blue J	4534	4193	.	8727	105
SF 2104	4907	3801	.	8708	104
SF 2303	4689	4015	.	8704	104
DS722	4543	4116	.	8659	104
DS721	4622	3856	.	8478	102
PG	4638	3793	.	8431	101
AMP10Z	4015	4385	.	8400	101
Beaver	4760	3591	.	8351	100
54V09	3921	4112	.	8033	96
Rangelander	4655	3206	.	7861	94
NSO7-ALFI4	3721	4067	.	7788	93
LLB	4211	3569	.	7780	93
Rambler	4995	2742	.	7737	93
Legendairy 5.0	4188	3439	.	7627	91
mean	4495	3866	.	8361	100
CV (%)	12.50	9.90	.	8.90	
LSD (0.05)	804	545	.	1068	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 2-Jul	Cut 2 7-Aug	Cut 3 .		
DS721	7711	4856	.	12567	105
DS722	7623	4707	.	12330	103
NS07-ALFQT	7339	4950	.	12289	103
CW 02001	7492	4788	.	12280	103
SF 2104	7017	5201	.	12218	102
AC Blue J	7191	4885	.	12076	101
SF 2103	7324	4677	.	12001	100
NS07-ALFI4	7219	4755	.	11974	100
Beaver	7632	4340	.	11972	100
Legendairy 5.0	7303	4501	.	11804	99
LLB	6992	4778	.	11770	98
54V09	7215	4492	.	11707	98
SF 2303	6939	4523	.	11462	96
AMP10Z	6515	4820	.	11335	95
PG	7366	3933	.	11299	94
Rambler	6681	4058	.	10739	90
Rangelander	6474	3565	.	10039	84
mean	7178	4578	.	11757	98
CV (%)	10.09	10.37	.	8.42	
LSD (0.05)	1030	675	.	1407	
CV (%) (sqrt)	.	.	.	.

2007 WFT Alfalfa, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Beaver
	Cut 1 14-Jul	Cut 2	Cut 3		
AMP10Z	4747	.	.	4747	111
AC Blue J	4732	.	.	4732	111
DS722	4708	.	.	4708	110
Rangelander	4682	.	.	4682	109
LLB	4602	.	.	4602	108
54V09	4504	.	.	4504	105
Rambler	4468	.	.	4468	104
SF 2103	4440	.	.	4440	104
DS721	4427	.	.	4427	103
NSO7-ALFI4	4353	.	.	4353	102
SF 2104	4287	.	.	4287	100
Beaver	4279	.	.	4279	100
Legendairy 5.0	4197	.	.	4197	98
SF 2303	4187	.	.	4187	98
NS07-ALFQT	4143	.	.	4143	97
PG	4096	.	.	4096	96
CW 02001	4031	.	.	4031	94
mean	4405	.	.	4405	103
CV (%)	12.28	.	.	12.28	
LSD (0.05)	769	.	.	769	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 9-Jul	Cut 2	Cut 3		
S9489	5741	.	.	5741	122
S9240M	5140	.	.	5140	109
Kirk	4698	.	.	4698	100
mean	5193	.	.	5193	111
CV (%)	12.51	.	.	12.51	
LSD (0.05)	893	.	.	893	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, Westlock AB, Area - 4

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 30-Jun	Cut 2 27-Aug	Cut 3		
S9489	6380	1413	.	7793	127
S9240M	6195	1302	.	7496	122
Kirk	5404	725	.	6128	100
mean	5993	1147	.	7139	116
CV (%)	3.46	20.80	.	3.80	
LSD (0.05)	285	328	.	372	
CV (%) (sqrt)	1.90	9.60	.	1.71	

2007 WFT Crested Wheat, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 2-Jul	Cut 2 9-Sep	Cut 3 .		
S9489	4552	2073	.	6625	101
Kirk	4755	1811	.	6565	100
S9240M	4382	2034	.	6416	98
mean	4563	1973	.	6535	100
CV (%)	6.30	6.40	.	5.30	
LSD (0.05)	500	220	.	604	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 26-Jun	Cut 2 29-Sep	Cut 3 .		
S9489	7282	5799	.	13081	112
S9240M	6936	5892	.	12828	110
Kirk	6467	5201	.	11668	100
mean	6895	5631	.	12526	107
CV (%)	4.80	9.60	.	6.60	
LSD (0.05)	585	945	.	1435	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
S9489	8270	5967	.	14237	102
S9240M	8513	5642	.	14155	102
Kirk	8522	5405	.	13927	100
mean	8435	5671	.	14106	101
CV (%)	11.70	8.50	.	8.40	
LSD (0.05)	1721	838	.	2065	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 5-Jul	Cut 2	Cut 3		
S9240M	10910	.	.	10910	107
S9489	10356	.	.	10356	102
Kirk	10193	.	.	10193	100
mean	10486	.	.	10486	103
CV (%)	7.99	.	.	7.99	
LSD (0.05)	1451	.	.	1451	
CV (%) (sqrt)	.	.	.	.

2007 WFT Crested Wheat, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kirk
	Cut 1 5-Jul	Cut 2	Cut 3		
S9489	4897	.	.	4897	104
S9240M	4712	.	.	4712	101
Kirk	4690	.	.	4690	100
mean	4766	.	.	4766	102
CV (%)	5.24	.	.	5.24	
LSD (0.05)	432	.	.	432	
CV (%) (sqrt)	.	.	.	.

2007 WFT Italian Ryegrass, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Maris Ledger
	Cut 1 9-Jul	Cut 2	Cut 3		
Maris Ledger	944	.	.	944	100
Feast II	804	.	.	804	85
mean	874	.	.	874	93
CV (%)	63.54	.	.	63.54	
LSD (0.05)	924	.	.	924	
CV (%) (sqrt)	34.61	.	.	34.61	

2007 WFT Italian Ryegrass, Arborg MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Maris Ledger
	Cut 1 12-Aug	Cut 2	Cut 3		
Feast II	7630	.	.	7630	102
Maris Ledger	7492	.	.	7492	100
mean	7561	.	.	7561	101
CV (%)	4.60	.	.	4.60	
LSD (0.05)	784	.	.	784	
CV (%) (sqrt)	.	.	.	.

2007 WFT Meadow Brome, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 9-Jul	Cut 2 . .	Cut 3 . .		
Fleet	5360	.	.	5360	100
NS07-01	5170	.	.	5170	96
mean	5265	.	.	5265	98
CV (%)	16.60	.	.	16.60	
LSD (0.05)	1454	.	.	1454	
CV (%) (sqrt)	.	.	.	.

2007 WFT Meadow Brome, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 2-Jul	Cut 2 9-Sep	Cut 3 . .		
Fleet	4633	1886	.	6519	100
NS07-01	4410	1795	.	6205	95
mean	4522	1841	.	6362	98
CV (%)	5.80	11.30	.	6.10	
LSD (0.05)	598	471	.	875	
CV (%) (sqrt)	.	.	.	.

2007 WFT Meadow Brome, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 26-Jun	Cut 2 23-Sep	Cut 3 . .		
Fleet	5252	3853	.	9105	100
NS07-01	5787	4718	.	10505	115
mean	5520	4286	.	9805	108
CV (%)	3.10	8.90	.	4.50	
LSD (0.05)	396	861	.	1011	
CV (%) (sqrt)	.	.	.	.

**2007 WFT Meadow Brome, Outlook SK
Area - Irrigation**

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
NS07-01	6976	5967	.	12943	108
Fleet	6839	5100	.	11939	100
mean	6908	5534	.	12441	104
CV (%)	17.10	7.80	.	12.40	
LSD (0.05)	2667	976	.	3496	
CV (%) (sqrt)	.	.	.	.

2007 WFT Meadow Brome, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 15-Jul	Cut 2 .	Cut 3 .		
NS07-01	9238	.	.	9238	101
Fleet	9119	.	.	9119	100
mean	9179	.	.	9179	101
CV (%)	10.16	.	.	10.16	
LSD (0.05)	2099	.	.	2099	
CV (%) (sqrt)	.	.	.	.

2007 WFT Meadow Brome, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 5-Jul	Cut 2 .	Cut 3 .		
Fleet	4485	.	.	4485	100
NS07-01	4120	.	.	4120	92
mean	4303	.	.	4303	96
CV (%)	10.22	.	.	10.22	
LSD (0.05)	989	.	.	989	
CV (%) (sqrt)	.	.	.	.

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

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 14-Jun	Cut 2	Cut 3		
Carlton (SB)	5195	.	.	5195	112
Fleet (MB)	4627	.	.	4627	100
ARC 101-1 (CWR)	4221	.	.	4221	91
ARC 103-1 (NB)	2679	.	.	2679	58
Spring Green (FEST)	1055	.	.	1055	23
mean	3555	.	.	3555	77
CV (%)	14.39	.	.	14.39	
LSD (0.05)	565	.	.	565	
CV (%) (sqrt)	6.77	.	.	6.77	

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

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 9-Jul	Cut 2	Cut 3		
Spring Green (FEST)	5314	.	.	5314	133
Carlton (SB)	5302	.	.	5302	133
ARC 103-1 (NB)	4509	.	.	4509	113
Fleet (MB)	3985	.	.	3985	100
ARC 101-1 (CWR)	3063	.	.	3063	77
mean	4435	.	.	4435	111
CV (%)	30.38	.	.	30.38	
LSD (0.05)	1698	.	.	1698	
CV (%) (sqrt)	16.74	.	.	16.74	

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

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

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Fleet
	Cut 1 20-Jun	Cut 2	Cut 3		
Carlton (SB)	9184	.	.	9184	123
Fleet (MB)	7470	.	.	7470	100
ARC 101-1 (CWR)	3158	.	.	3158	42
ARC 103-1 (NB)	2339	.	.	2339	31
Spring Green (FEST)	.	.	.	.	.
mean	5538	.	.	5538	74
CV (%)	12.60	.	.	12.60	
LSD (0.05)	1112	.	.	1112	
CV (%) (sqrt)	.	.	.	.

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

2007 WFT Orchardgrass, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 9-Jul	Cut 2	Cut 3		
NOG01	3353	.	.	3353	138
Kay	2424	.	.	2424	100
Tekapo	2194	.	.	2194	91
OG 96-2	2178	.	.	2178	90
TS-PX4	2063	.	.	2063	85
mean	2442	.	.	2442	101
CV (%)	45.48	.	.	45.48	
LSD (0.05)	1400	.	.	1400	
CV (%) (sqrt)	22.35	.	.	22.35	

2007 WFT Orchardgrass, Westlock AB, Area - 4

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 4-Jul	Cut 2 28-Aug	Cut 3		
Tekapo	6317	1117	.	7434	104
Kay	5310	1834	.	7144	100
TS-PX4	5361	1033	.	6394	90
OG 96-2	4933	928	.	5860	82
NOG01	2617	1328	.	3946	55
mean	4908	1248	.	6156	86
CV (%)	43.97	25.68	.	36.81	
LSD (0.05)	2720	404	.	2856	
CV (%) (sqrt)	25.25	14.25	.	20.51	

2007 WFT Orchardgrass, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 2-Jul	Cut 2 9-Sep	Cut 3 .		
NOG01	1694	1617	.	3311	103
Kay	1235	1974	.	3209	100
TS-PX4	1283	1780	.	3063	95
OG 96-2	1266	1438	.	2704	84
Tekapo	271	1377	.	1648	51
mean	1150	1637	.	2787	87
CV (%)	20.70	18.40	.	17.50	
LSD (0.05)	368	465	.	752	
CV (%) (sqrt)	.	.	.	.

2007 WFT Orchardgrass, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 9-Jul	Cut 2 23-Sep	Cut 3 .		
NOG01	6353	4005	.	10358	109
Kay	5366	4108	.	9473	100
TS-PX4	4762	4029	.	8791	93
OG 96-2	4325	3468	.	7793	82
Tekapo	1468	2026	.	3494	37
mean	4455	3527	.	7982	84
CV (%)	13.80	25.30	.	14.90	
LSD (0.05)	947	1379	.	1842	
CV (%) (sqrt)	.	.	.	.

2007 WFT Orchardgrass, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
TS-PX4	6713	6844	.	13557	107
Kay	6489	6177	.	12666	100
OG 96-2	6678	5504	.	12182	96
NOG01	7073	4586	.	11659	92
Tekapo	2282	5536	.	7818	62
mean	5847	5729	.	11576	91
CV (%)	19.30	15.10	.	13.20	
LSD (0.05)	1747	1341	.	2356	
CV (%) (sqrt)	.	.	.	.

2007 WFT Orchardgrass, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Kay
	Cut 1 14-Jul	Cut 2 .	Cut 3 .		
NOG01	9708	.	.	9708	110
Kay	8807	.	.	8807	100
TS-PX4	8380	.	.	8380	95
OG 96-2	8214	.	.	8214	93
Tekapo	.	.	.	.
mean	8777	.	.	8777	100
CV (%)	12.15	.	.	12.15	
LSD (0.05)	1705	.	.	1705	
CV (%) (sqrt)	.	.	.	.

2007 WFT Red Clover, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Altaswede
	Cut 1 1-Jul	Cut 2 8-Aug	Cut 3 .		
Altaswede	8109	1297	.	9406	100
Starfire II	6358	2860	.	9217	98
mean	7233	2078	.	9312	99
CV (%)	7.08	10.92	.	7.02	
LSD (0.05)	1152	511	.	1471	
CV (%) (sqrt)			.		

2007 WFT Smooth Brome, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Carlton
	Cut 1 9-Jul	Cut 2	Cut 3		
York	5187	.	.	5187	125
Carlton	4149	.	.	4149	100
mean	4668	.	.	4668	113
CV (%)	28.29	.	.	28.29	
LSD (0.05)	2198	.	.	2198	
CV (%) (sqrt)	15.62	.	.	15.62	

2007 WFT Smooth Brome, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Carlton
	Cut 1 2-Jul	Cut 2 9-Sep	Cut 3		
York	4603	3364	.	7967	.
Carlton	.	.	.	.	.
mean	4603	3364	.	7967	.
CV (%)	.	.	.	.	.
LSD (0.05)	.	.	.	.	.
CV (%) (sqrt)	.	.	.	.	.

2007 WFT Smooth Brome, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Carlton
	Cut 1 29-Jul	Cut 2	Cut 3		
York	8191	.	.	8191	.
Carlton	.	.	.	.	.
mean	8191	.	.	8191	.
CV (%)	.	.	.	.	.
LSD (0.05)	.	.	.	.	.
CV (%) (sqrt)	.	.	.	.	.

**2007 WFT Smooth Brome, Outlook SK
Area - Irrigation**

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Carlton
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
York	8116	8362	.	16478	.
Carlton	.	.	.	.	.
mean	8166	8362	.	16478	.
CV (%)	.	.	.	.	.
LSD (0.05)	.	.	.	.	.
CV (%) (sqrt)	.	.	.	.	.

2007 WFT Smooth Brome, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Carlton
	Cut 1 15-Jul	Cut 2 .	Cut 3 .		
York	12078	.	.	12078	136
Carlton	8881	.	.	8881	100
mean	10480	.	.	10480	118
CV (%)	5.54	.	.	5.54	.
LSD (0.05)	1306	.	.	1306	.
CV (%) (sqrt)	.	.	.	.	.

2007 WFT Smooth Brome, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Carlton
	Cut 1 5-Jul	Cut 2 .	Cut 3 .		
York	6043	.	.	6043	112
Carlton	5408	.	.	5408	100
mean	5726	.	.	5726	106
CV (%)	6.94	.	.	6.94	.
LSD (0.05)	894	.	.	894	.
CV (%) (sqrt)	.	.	.	.	.

2007 WFT Tall Fescue, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 9-Jul	Cut 2	Cut 3		
Courtenay	3141	.	.	3141	100
NTF03	2810	.	.	2810	89
mean	2976	.	.	2976	95
CV (%)	14.49	.	.	14.49	
LSD (0.05)	717	.	.	717	
CV (%) (sqrt)	.	.	.	.

2007 WFT Tall Fescue, Westlock AB, Area - 4

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 28-Jun	Cut 2 28-Aug	Cut 3		
Courtenay	8295	1813	.	10107	100
NTF03	7629	1794	.	9423	93
mean	7962	1804	.	9765	97
CV (%)	9.87	14.33	.	6.32	
LSD (0.05)	1308	430	.	1027	
CV (%) (sqrt)	5.17	8.03	.	3.17	

2007 WFT Tall Fescue, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 2-Jul	Cut 2 9-Sep	Cut 3		
Courtenay	1865	2391	.	4256	100
NTF03	1569	2224	.	3793	89
mean	1717	2308	.	4025	95
CV (%)	8.90	11.80	.	4.00	
LSD (0.05)	345	616	.	363	
CV (%) (sqrt)	.	.	.	.

2007 WFT Tall Fescue, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Courtenay
	Cut 1 26-Jun	Cut 2 29-Sep	Cut 3 .		
Courtenay	7398	2312	.	9710	100
NTF03	7486	2206	.	9692	100
mean	7442	2259	.	9701	100
CV (%)	4.70	12.10	.	4.10	
LSD (0.05)	792	618	.	889	
CV (%) (sqrt)	.	.	.	.

2007 WFT Tall Fescue, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Courtenay
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
Courtenay	8115	7005	.	15120	100
NTF03	7638	6629	.	14267	94
mean	7877	6817	.	14694	97
CV (%)	18.70	22.90	.	19.50	
LSD (0.05)	3316	3514	.	6460	
CV (%) (sqrt)	.	.	.	.

2007 WFT Tall Fescue, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Courtenay
	Cut 1 5-Jul	Cut 2 .	Cut 3 .		
NTF03	11854	.	.	11854	117
Courtenay	10177	.	.	10177	100
mean	11016	.	.	11016	109
CV (%)	4.52	.	.	4.52	
LSD (0.05)	1119	.	.	1119	
CV (%) (sqrt)	.	.	.	.

2007 WFT Tall Fescue, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Courtenay
	Cut 1 12-Jul	Cut 2	Cut 3		
NTF03	6676	.	.	6676	110
Courtenay	6090	.	.	6090	100
mean	6383	.	.	6383	105
CV (%)	11.57	.	.	11.57	
LSD (0.05)	1661	.	.	1661	
CV (%) (sqrt)	.	.	.	.

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

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Climax
	Cut 1 26-May	Cut 2	Cut 3		
SWTT2527	1174	.	.	1174	110
Climax	1072	.	.	1072	100
mean	1123	.	.	1123	105
CV (%)	25.20	.	.	25.20	
LSD (0.05)	637	.	.	637	
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Lethbridge AB, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 25-Jun	Cut 2	Cut 3		
SW TT2503	3590	.	.	3590	104
Climax	3453	.	.	3453	100
mean	3522	.	.	3522	102
CV (%)	5.32	.	.	5.32	
LSD (0.05)	255	.	.	255	
CV (%) (sqrt)	2.8	.	.	2.8	

2005 WFT Timothy, Brooks AB, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 20-Jun	Cut 2	Cut 3		
SW TT2503	5596	.	.	5596	104
Climax	5360	.	.	5360	100
mean	5478	.	.	5478	102
CV (%)	7.2	.	.	7.2	
LSD (0.05)	.	.	.	.
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 26-May	Cut 2	Cut 3		
Climax	1616	.	.	1616	100
SWTT2503	1492	.	.	1492	92
mean	1554	.	.	1554	96
CV (%)	10.70	.	.	10.70	
LSD (0.05)	375	.	.	375	
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 29-Jul	Cut 2	Cut 3		
SW TT2503	2384	.	.	2384	108
Climax	2215	.	.	2215	100
mean	2300	.	.	2300	104
CV (%)	9.90	.	.	9.90	
LSD (0.05)	514	.	.	514	
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3		
SW TT2503	6309	4008	.	10317	103
Climax	5674	4341	.	10015	100
mean	5592	4174	.	10166	102
CV (%)	13.10	18.20	.	9.50	
LSD (0.05)	1776	1718	.	2186	
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Arborg MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 12-Jul	Cut 2	Cut 3		
Climax	5388	.	.	5388	100
SW TT2503	5032	.	.	5032	93
mean	5210	.	.	5210	97
CV (%)	7.37	.	.	7.37	
LSD (0.05)	864	.	.	864	
CV (%) (sqrt)	.	.	.	.

2005 WFT Timothy, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 15-Jul	Cut 2	Cut 3		
Climax	7541	.	.	7541	100
SW TT2503	6823	.	.	6823	90
mean	7182	.	.	7182	95
CV (%)	10.59	.	.	10.59	
LSD (0.05)	1711	.	.	1711	
CV (%) (sqrt)	.	.	.	.

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

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 5-Jul	Cut 2	Cut 3		
Climax	3195	.	.	3195	100
SW TT2503	3453	.	.	3453	108
mean	3324	.	.	3324	104
CV (%)	11.00	.	.	11.00	
LSD (0.05)	823	.	.	823	
CV (%) (sqrt)	.	.	.	.

2007 WFT Timothy, Vegreville AB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 9-Jul	Cut 2	Cut 3		
Climax	3474	.	.	3474	100
NS07-TIMHN	3156	.	.	3156	91
NS07-TIMTE	.	.	.	.	.
mean	3315	.	.	3315	95
CV (%)	40.10	.	.	40.10	
LSD (0.05)	2212	.	.	2212	
CV (%) (sqrt)	21.15	.	.	21.15	

2007 WFT Timothy, Westlock AB, Area - 4

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 28-Jun	Cut 2	Cut 3		
Climax	6938	.	.	6938	100
NS07-TIMTE	6038	.	.	6038	87
NS07-TIMHN	5808	.	.	5808	84
mean	6261	.	.	6261	90
CV (%)	9.73	.	.	9.73	
LSD (0.05)	837	.	.	837	
CV (%) (sqrt)	4.91	.	.	4.91	

2007 WFT Timothy, Saskatoon SK, Area - 2

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Climax
	Cut 1 2-Jul	Cut 2 29-Aug	Cut 3 .		
NS07-TIMTE	1531	2205	.	3736	159
NS07-TIMHN	1478	1958	.	3436	146
Climax	830	1522	.	2352	100
mean	1280	1895	.	3175	135
CV (%)	16.80	28.40	.	20.60	
LSD (0.05)	373	932	.	1133	
CV (%) (sqrt)	.	.	.	.

2007 WFT Timothy, Melfort SK, Area - 3

Cultivar	2008 Forage Yield (kg DM ha⁻¹)			Total	% of Climax
	Cut 1 29-Jul	Cut 2 .	Cut 3 .		
NS07-TIMHN	6055	.	.	6055	107
Climax	5668	.	.	5668	100
NS07-TIMTE	5232	.	.	5232	92
mean	5652	.	.	5652	100
CV (%)	34.90	.	.	34.90	
LSD (0.05)	3422	.	.	3422	
CV (%) (sqrt)	.	.	.	.

2007 WFT Timothy, Outlook SK, Area - Irrigation

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 25-Jun	Cut 2 28-Aug	Cut 3 .		
NS07-TIMTE	6300	5454	.	11754	119
NS07-TIMHN	6291	5187	.	11478	117
Climax	6358	3478	.	9836	100
mean	6316	4706	.	11023	112
CV (%)	10.40	20.40	.	14.00	
LSD (0.05)	1142	1668	.	2673	
CV (%) (sqrt)	.	.	.	.

2007 WFT Timothy, Rosebank MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 3-Jul	Cut 2 .	Cut 3 .		
NS07-TIMHN	9542	.	.	9542	104
NS07-TIMTE	9303	.	.	9303	101
Climax	9185	.	.	9185	100
mean	9343	.	.	9343	102
CV (%)	10.75	.	.	10.75	
LSD (0.05)	17	.	.	17	
CV (%) (sqrt)	.	.	.	.

2007 WFT Timothy, St. Pierre MB, Area - 3

Cultivar	2008 Forage Yield (kg DM ha ⁻¹)			Total	% of Climax
	Cut 1 12-Jul	Cut 2	Cut 3		
Climax	5429	.	.	5429	100
NS07-TIMTE	5385	.	.	5385	99
NS07-TIMHN	5136	.	.	5136	95
mean	5317	.	.	5317	98
CV (%)	7.61	.	.	7.61	
LSD (0.05)	700	.	.	700	
CV (%) (sqrt)	.	.	.	.

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	2008	
54Q25	2,892	3,804	2,810	3,699	5,817	10,984	596	.	.	7,494	.	.	14,054	4,747	6,629	
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	6,888	
Beaver	2,374	2,882	3,353	4,500	6,454	10,511	684	.	.	5,982	.	.	12,732	6,241	7,050	
DS233	2,697	3,665	3,566	3,476	5,432	10,848	453	.	.	7,570	.	.	13,573	7,157	7,912	
DS234	2,684	3,225	2,329	3,047	5,542	10,714	852	.	.	7,041	.	.	13,170	6,486	6,971	
DS235	2,947	3,356	2,926	3,575	5,619	11,351	575	.	.	6,668	.	.	13,324	5,810	7,336	
DS236	2,817	3,584	2,850	3,105	5,129	11,024	613	.	.	7,217	.	.	13,597	5,183	7,164	
LRC01CR	2,165	2,995	2,827	3,573	5,853	11,017	453	.	.	6,792	.	.	11,915	5,192	7,296	
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	7,791	
Rangelander	3,005	3,205	3,305	3,869	6,882	10,854	599	.	.	5,607	.	.	12,581	8,120	8,260	
Cuts	1	2	1	2	2	2	1			2			3	2	2	
CV (%)	13.2	14.4	19.8	13.4	7.3	6.1	23.0			16.0			8.2	15.8	16.9	
Trial Mean (kg/ha)	2,787	3,467	2,954	3,479	5,779	10,886	587	.	.	6,504	.	.	12,968	6,219	7,348	

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	2008	
54Q25	122	132	84	82	90	105	87	.	.	125	.	.	110	76	94	
55V05	117	128	72	71	82	99	92	.	.	104	.	.	99	.	.	
AC Blue J	129	132	90	69	86	108	59	.	.	88	.	.	104	92	98	
Beaver	100	100	100	100	100	100	100	.	.	100	.	.	100	100	100	
DS233	114	127	106	77	84	103	66	.	.	127	.	.	107	115	112	
DS234	113	112	69	68	86	102	125	.	.	118	.	.	103	104	99	
DS235	124	116	87	79	87	108	84	.	.	111	.	.	105	93	104	
DS236	119	124	85	69	79	105	90	.	.	121	.	.	107	83	102	
LRC01CR	91	104	84	79	91	105	66	.	.	114	.	.	94	83	103	
NS02CK	129	128	78	67	87	107	80	.	.	111	.	.	93	.	.	
Rambler	125	129	102	80	96	97	94	.	.	93	.	.	102	120	111	
Rangelander	127	111	99	86	107	103	88	.	.	94	.	.	99	130	117	
Cuts	1	2	1	2	2	2	1	.	.	2	.	.	3	2	2	
CV (%)	13.2	14.4	19.8	13.4	7.3	6.1	23.0	.	.	16.0	.	.	8.2	15.8	16.9	
Beaver (kg/ha)	2,374	2,882	3,353	4,500	6,454	10,511	684	.	.	5,982	.	.	12,732	6,241	7,050	

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	2008	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
AC Blue J	7,108	4,238	4,312	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	3,764	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	3,673	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	3,487	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	4,878	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	3,678	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	4,255	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	3,776	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	4,142	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	1	2	2	2	3	3	3	2	3	3
CV (%)	11.8	24.8	24.0	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	3,996	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	2008	2005	2006	2007	2005	2006	2007	2005	2006	2007	2005	2006	2007
AC Blue J	88	90	115	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	100
CW 52044	89	93	98	104	116	87	72	77	96	99	104	107	97	108	114
CW 83021	91	104	93	108	108	91	77	85	100	93	110	143	105	132	129
MS Sunstra-422	101	83	130	105	113	90	93	88	98	100	114	127	107	96	89
MS Sunstra-423	83	88	98	98	110	86	90	84	100	90	113	128	88	79	76
P435	84	95	113	95	100	86	101	85	107	101	114	133	106	96	93
Rambler	93	88	100	113	109	96	93	89	90	80	103	103	90	99	100
Rangelander	95	99	110	117	101	93	98	90	90	87	103	107	99	99	103
Cuts	1	1	1	1	1	1	2	2	2	3	3	3	2	3	3
CV (%)	11.8	24.8	24.0	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	3,764	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	2008	2005	2006	2007	2005	2006	2007	2005	2006	.
AC Blue J	4,810	954	.	2,585	1,862	2,741	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	2,996	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	2,838	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	2,253	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	2,687	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	2,976	11,276	5,765	8,717	6,363	8,518	9,484	14,702	12,421	.
P435	4,149	904	.	2,103	1,580	2,411	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	2,816	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	3,313	12,487	6,259	7,547	8,094	9,727	9,023	13,597	10,257	.
Cuts	2	1	.	1	1	2	2	1	2	2	2	2	3	3	.
CV (%)	9.1	11.2	.	14.3	24.5	14.2	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	2,815	12,087	6,467	8,735	7,256	8,661	9,340	14,381	12,192	.

Cultivar FG-4G73 dropped from testing in 2006

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	2008	2005	2006	2007	2005	2006	2007	2005	2006	.
AC Blue J	98	81	.	88	102	91	93	94	111	91	98	108	108	117	.
Beaver	100	100	.	100	100	100	100	100	100	100	100	100	100	100	.
CW 52044	102	82	.	83	99	95	90	91	104	92	92	103	98	89	.
CW 83021	84	68	.	80	86	75	88	79	106	80	95	98	107	117	.
MS Sunstra-422	100	92	.	85	90	90	88	93	108	87	95	102	104	103	.
MS Sunstra-423	97	85	.	86	102	99	84	79	103	80	99	103	103	102	.
P435	84	77	.	72	86	80	86	86	109	96	106	102	104	108	.
Rambler	95	118	.	113	108	94	86	94	101	96	103	102	84	81	.
Rangelander	95	94	.	117	137	111	93	86	89	102	113	98	95	84	.
Cuts	2	1	.	1	1	2	2	1	2	2	2	2	3	3	.
CV (%)	9.1	11.2	.	14.3	24.5	14.2	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	2,996	13,450	7,254	8,437	7,933	8,641	9,180	14,321	12,166	.

Summary WFT 2004 Alfalfa - Manitoba

(St. Pierre seeded in 2006)

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2007	2008	.
AC Blue J	6,944	8,661	8,674	12,130	12,870	14,687	5,876	9,380	.
Beaver	6,892	7,887	8,560	12,110	12,294	13,879	6,785	9,914	.
CW 52044	7,103	8,163	9,213	12,390	11,681	11,519	5,454	9,000	.
CW 83021	7,349	8,581	9,025	13,004	14,552	19,131	7,258	9,269	.
MS Sunstra-422	7,677	8,826	8,909	12,559	13,626	17,218	7,180	9,009	.
MS Sunstra-423	6,913	9,128	9,285	13,413	13,713	15,471	6,252	9,275	.
P435	7,113	8,537	8,592	12,048	15,542	15,783	6,910	9,555	.
Rambler	6,238	7,561	7,623	10,295	10,523	10,183	7,661	9,302	.
Rangelander	6,462	8,202	7,624	11,651	10,756	11,142	7,320	8,597	.
Cuts	2	3	2	2	3	3	2	2	.
CV (%)	6.5	6.7	8.3	9.2	7.8	14.2	22.1	10.3	.
Trial Mean (kg/ha)	6,966	8,394	8,612	12,178	12,840	14,335	6,744	9,298	.

Cultivar FG-4G73 dropped from testing in 2006

Summary WFT 2004 Alfalfa - Manitoba

(St. Pierre seeded in 2006)

Cultivar	Forage Yield as % of Beaver								
	3								
	Arborg			Rosebank			St. Pierre		
	2005	2006	2007	2005	2006	2007	2007	2008	.
AC Blue J	101	110	101	100	105	106	87	95	.
Beaver	100	100	100	100	100	100	100	100	.
CW 52044	103	103	108	102	95	83	80	91	.
CW 83021	107	109	105	107	118	138	107	93	.
MS Sunstra-422	111	112	104	104	111	124	106	91	.
MS Sunstra-423	100	116	108	111	112	111	92	94	.
P435	103	108	100	99	126	114	102	96	.
Rambler	91	96	89	85	86	73	113	94	.
Rangelander	94	104	89	96	87	80	108	87	.
Cuts	2	3	2	2	3	3	2	2	.
CV (%)	6.5	6.7	8.3	9.2	7.8	14.2	22.1	10.3	.
Beaver (kg/ha)	6,892	7,887	8,560	12,110	12,294	13,879	6,785	9,914	.

Summary WFT 2005 Alfalfa - Alberta

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	3,042	8,222	11,608	.	17,219	14,091	13,534	15,799	11,125	10537
AC Blue J	6,576	4,288	2,697	7,225	10,634	.	17,718	12,984	13,709	14,779	10,208	10384
Beaver	4,952	6,371	3,546	5,517	11,286	.	16,766	11,803	13,189	14,642	10,415	9355
C211-201	5,472	5,265	2,602	7,448	10,878	.	16,046	11,940	11,585	13,203	9,234	8812
Convoy	5,223	6,710	3,141	6,182	9,802	.	17,697	13,774	13,680	13,423	9,404	9877
Equinox	6,353	5,659	2,729	7,051	11,182	.	18,581	13,949	13,919	15,116	10,030	10017
Keho Lake	6,372	5,671	3,510	9,616	11,433	.	16,223	11,978	10,997	14,546	10,604	9375
Prince George	6,496	4,481	3,120	8,530	10,496	.	17,018	13,154	12,514	14,212	10,320	10695
Rambler	6,218	5,358	3,730	8,711	11,920	.	15,670	11,367	10,376	12,810	9,666	8072
Rangelander	5,594	6,208	2,949	7,461	10,357	.	15,732	11,926	11,441	12,616	9,499	7619
Salt Tolerant	5,455	5,409	2,457	6,872	10,888	.	16,807	12,365	12,831	12,732	9,984	10199
SL-A5001	6,055	6,014	3,448	6,740	11,624	.	17,546	14,102	13,650	14,559	11,215	10196
WL 319 HQ	5,397	5,330	3,047	6,530	11,065	.	17,733	13,325	13,258	14,795	11,146	10810
Cuts	1	1	1	2	2	.	3	3	3	3	2	3
CV (%)	18.0	21.5	26.7	11.7	12.8	.	4.0	8.0	9.7	6.4	13.4	9.4
Trial Mean (kg/ha)	5,815	5,602	3,078	7,393	11,013	.	16,981	12,828	12,668	14,095	10,219	9,688

Summary WFT 2005 Alfalfa - Alberta

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	86	149	103	.	103	119	103	108	107	113
AC Blue J	133	67	76	131	94	.	106	110	104	101	98	111
Beaver	100	100	100	100	100	.	100	100	100	100	100	100
C211-201	111	83	73	135	96	.	96	101	88	90	89	94
Convoy	105	105	89	112	87	.	106	117	104	92	90	106
Equinox	128	89	77	128	99	.	111	118	106	103	96	107
Keho Lake	129	89	99	174	101	.	97	101	83	99	102	100
Prince George	131	70	88	155	93	.	102	111	95	97	99	114
Rambler	126	84	105	158	106	.	93	96	79	87	93	86
Rangelander	113	97	83	135	92	.	94	101	87	86	91	81
Salt Tolerant	110	85	69	125	96	.	100	105	97	87	96	109
SL-A5001	122	94	97	122	103	.	105	119	103	99	108	109
WL 319 HQ	109	84	86	118	98	.	106	113	101	101	107	116
Cuts	1	1	1	2	2	.	3	3	3	3	2	3
CV (%)	18.0	21.5	26.7	11.7	12.8	.	4.0	8.0	9.7	6.4	13.4	9.4
Beaver (kg/ha)	4,952	6,371	3,546	5,517	11,286	.	16,766	11,803	13,189	14,642	10,415	9,355

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	2,828	8,937	9,506	9,487	10,598	11,647	7,263	14,845	5,786	6,607
AC Blue J	2,474	1,715	2,719	10,145	9,938	9,144	8,721	12,332	6,466	15,771	6,500	6,780
Beaver	3,093	2,058	3,088	9,363	9,792	8,727	11,438	12,180	6,393	14,877	6,436	7,231
C211-201	2,865	1,897	2,586	8,128	9,010	8,375	9,958	10,309	5,596	14,745	6,492	6,089
Convoy	2,538	1,932	3,600	9,228	10,016	8,549	10,397	11,994	6,960	15,263	6,050	6,428
Equinox	2,805	2,024	3,115	9,839	9,826	12,333	10,393	12,114	7,401	16,965	6,042	7,418
Keho Lake	3,246	2,064	3,232	9,369	9,702	8,498	9,757	10,930	5,950	13,185	7,649	6,605
Prince George	3,026	2,049	3,005	9,720	9,499	7,786	9,213	10,719	5,724	13,531	7,760	7,708
Rambler	3,241	2,043	3,212	8,351	8,992	7,624	10,140	10,416	5,388	12,764	7,655	7,542
Rangelander	3,477	2,281	3,363	8,667	9,773	8,358	10,617	11,029	5,570	12,110	6,806	7,219
Salt Tolerant	2,894	1,891	3,001	10,628	9,166	9,399	10,160	11,467	6,529	15,038	7,555	7,491
SL-A5001	2,813	2,082	3,073	9,871	9,664	9,296	10,368	11,716	6,729	14,222	6,870	7,779
WL 319 HQ	2,620	1,924	2,822	8,883	9,506	9,403	10,553	11,917	6,795	16,016	6,631	7,256
Cuts	1	1	2	2	2	2	2	2	2	3	2	2
CV (%)	8.9	4.0	15.5	13.1	7.7	21.1	10.7	7.7	10.7	8.2	14.4	10.4
Trial Mean (kg/ha)	2,882	1,980	3,050	9,318	9,568	8,998	10,178	11,444	6,366	14,564	6,787	7,089

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	92	95	97	109	93	96	114	100	90	91
AC Blue J	80	83	88	108	101	105	76	101	101	106	101	94
Beaver	100	100	100	100	100	100	100	100	100	100	100	100
C211-201	93	92	84	87	92	96	87	85	88	99	101	84
Convoy	82	94	117	99	102	98	91	98	109	103	94	89
Equinox	91	98	101	105	100	141	91	99	116	114	94	103
Keho Lake	105	100	105	100	99	97	85	90	93	89	119	91
Prince George	98	100	97	104	97	89	81	88	90	91	121	107
Rambler	105	99	104	89	92	87	89	86	84	86	119	104
Rangelander	112	111	109	93	100	96	93	91	87	81	106	100
Salt Tolerant	94	92	97	114	94	108	89	94	102	101	117	104
SL-A5001	91	101	100	105	99	107	91	96	105	96	107	108
WL 319 HQ	85	93	91	95	97	108	92	98	106	108	103	100
Cuts	1	1	2	2	2	2	2	2	2	3	2	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	3,088	9,363	9,792	8,727	11,438	12,180	6,393	14,877	6,436	7,231

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	10,652	.	8,974	6,798	10,619	5,653	.	.	8,599	7,382	.
AC Blue J	10,981	10,800	.	9,576	6,014	10,667	6,708	.	.	8,261	7,906	.
Beaver	11,076	10,286	.	8,813	7,251	9,577	6,182	.	.	8,868	7,899	.
C211-201	10,816	10,772	.	9,135	6,875	10,036	.	.	.	8,485	7,008	.
Convoy	11,657	10,978	.	8,644	6,609	9,662	.	.	.	8,556	7,060	.
Equinox	10,513	10,518	.	9,025	6,328	9,582	.	.	.	9,046	7,483	.
Keho Lake	10,294	10,421	.	9,556	7,212	11,360	5,629	.	.	8,646	7,866	.
Prince George	11,135	10,796	.	9,330	7,263	9,591	6,736	.	.	8,553	6,858	.
Rambler	11,133	11,013	.	8,612	7,150	8,135	7,754	.	.	8,717	7,571	.
Rangelander	10,773	10,679	.	8,941	5,920	9,370	8,341	.	.	8,806	6,877	.
Salt Tolerant	10,050	10,317	.	9,104	6,777	10,861	6,681	.	.	9,326	7,642	.
SL-A5001	10,542	10,905	.	8,581	6,135	9,131	.	.	.	7,205	7,177	.
WL 319 HQ	10,232	10,353	.	8,551	6,633	8,727	.	.	.	8,899	7,681	.
Cuts	2	2	.	3	1	2	2	.	.	2	2	.
CV (%)	10.5	9.3	.	10.9	14.4	14.7	18.7	.	.	14.7	10.3	.
Trial Mean (kg/ha)	10,844	10,653	.	8,988	6,690	9,794	6,711	.	.	8,613	7,416	.

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	104	.	102	94	111	91	.	.	97	93	.
AC Blue J	99	105	.	109	83	111	109	.	.	93	100	.
Beaver	100	100	.	100	100	100	100	.	.	100	100	.
C211-201	98	105	.	104	95	105	.	.	.	96	89	.
Convoy	105	107	.	98	91	101	.	.	.	96	89	.
Equinox	95	102	.	102	87	100	.	.	.	102	95	.
Keho Lake	93	101	.	108	99	119	91	.	.	97	100	.
Prince George	101	105	.	106	100	100	109	.	.	96	87	.
Rambler	101	107	.	98	99	85	125	.	.	98	96	.
Rangelander	97	104	.	101	82	98	135	.	.	99	87	.
Salt Tolerant	91	100	.	103	93	113	108	.	.	105	97	.
SL-A5001	95	106	.	97	85	95	.	.	.	81	91	.
WL 319 HQ	92	101	.	97	91	91	.	.	.	100	97	.
Cuts	2	2	.	3	1	2	2	.	.	2	2	.
CV (%)	10.5	9.3	.	10.9	14.4	14.7	18.7	.	.	14.7	10.3	.
Beaver (kg/ha)	11,076	10,286	.	8,813	7,251	9,577	6,182	.	.	8,868	7,899	.

Summary WFT 2007 Alfalfa - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3			4			Irrigation					
	Vegreville			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	3,500	.	.	14,279	.	.	.	.	.	13,224	.	.
54V09	3,452	.	.	9,316	.	.	.	.	.	13,104	.	.
AC Blue J	2,588	.	.	11,528	.	.	.	.	.	12,053	.	.
AMP10Z	2,319	.	.	9,779	.	.	.	.	.	12,034	.	.
CW 02001	3,792	.	.	12,423	.	.	.	.	.	13,199	.	.
DS721	3,573	.	.	9,669	.	.	.	.	.	13,027	.	.
DS722	2,902	.	.	11,559	.	.	.	.	.	13,642	.	.
Legendairy 5.0	3,169	.	.	13,927	.	.	.	.	.	12,794	.	.
LLB	2,501	.	.	11,762	.	.	.	.	.	11,420	.	.
NS07-ALFQT	3,013	.	.	11,621	.	.	.	.	.	11,191	.	.
NS07-ALFI4	2,411	.	.	13,554	.	.	.	.	.	13,717	.	.
PG	2,758	.	.	10,531	.	.	.	.	.	11,269	.	.
Rambler	2,625	.	.	13,190	.	.	.	.	.	10,707	.	.
Rangelander	4,486	.	.	13,085	.	.	.	.	.	11,139	.	.
SF 2103	2,965	.	.	12,049	.	.	.	.	.	12,967	.	.
SF 2104	3,013	.	.	12,646	.	.	.	.	.	12,622	.	.
SF 2303	2,830	.	.	13,173	.	.	.	.	.	12,316	.	.
Cuts	1	.	.	2	.	.	.	.	.	3	.	.
CV (%)	27.6	.	.	31.5	.	.	.	.	.	7.9	.	.
Trial Mean (kg/ha)	3,053	.	.	12,005	.	.	.	.	.	12,378	.	.

Summary WFT 2007 Alfalfa - Alberta

Cultivar	Forage Yield as % of Beaver											
	3			4			Irrigation					
	Vegreville			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	100	.	.	100	.	.	.	.	.	100	.	.
54V09	99	.	.	65	.	.	.	.	.	99	.	.
AC Blue J	74	.	.	81	.	.	.	.	.	91	.	.
AMP10Z	66	.	.	68	.	.	.	.	.	91	.	.
CW 02001	108	.	.	87	.	.	.	.	.	100	.	.
DS721	102	.	.	68	.	.	.	.	.	99	.	.
DS722	83	.	.	81	.	.	.	.	.	103	.	.
Legendairy 5.0	91	.	.	98	.	.	.	.	.	97	.	.
LLB	71	.	.	82	.	.	.	.	.	86	.	.
NS07-ALFQT	86	.	.	81	.	.	.	.	.	85	.	.
NS07-ALFI4	69	.	.	95	.	.	.	.	.	104	.	.
PG	79	.	.	74	.	.	.	.	.	85	.	.
Rambler	75	.	.	92	.	.	.	.	.	81	.	.
Rangelander	128	.	.	92	.	.	.	.	.	84	.	.
SF 2103	85	.	.	84	.	.	.	.	.	98	.	.
SF 2104	86	.	.	89	.	.	.	.	.	95	.	.
SF 2303	81	.	.	92	.	.	.	.	.	93	.	.
Cuts	1	.	.	2	.	.	.	.	.	3	.	.
CV (%)	27.6	.	.	31.5	.	.	.	.	.	7.9	.	.
Beaver (kg/ha)	3,500	.	.	14,279	.	.	.	.	.	13,224	.	.

Summary WFT 2007 Alfalfa - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	4,191	.	.	4,962	.	.	6,229	.	.	8,351	.	.
54V09	3,841	.	.	4,824	.	.	5,080	.	.	8,033	.	.
AC Blue J	4,210	.	.	4,202	.	.	5,435	.	.	8,727	.	.
AMP10Z	3,509	.	.	4,888	.	.	5,763	.	.	8,400	.	.
CW 02001	3,782	.	.	4,545	.	.	5,672	.	.	8,822	.	.
DS721	4,112	.	.	4,864	.	.	5,825	.	.	8,478	.	.
DS722	4,197	.	.	4,873	.	.	5,954	.	.	8,659	.	.
Legendairy 5.0	4,323	.	.	4,710	.	.	6,624	.	.	7,627	.	.
LLB	4,313	.	.	4,454	.	.	5,815	.	.	7,780	.	.
NS07-ALFQT	3,569	.	.	4,905	.	.	5,919	.	.	9,238	.	.
NS07-ALFI4	4,457	.	.	5,255	.	.	6,904	.	.	7,788	.	.
PG	4,420	.	.	4,669	.	.	5,562	.	.	8,431	.	.
Rambler	4,234	.	.	5,266	.	.	6,145	.	.	7,737	.	.
Rangelander	4,570	.	.	4,659	.	.	6,405	.	.	7,861	.	.
SF 2103	3,755	.	.	4,511	.	.	5,778	.	.	8,800	.	.
SF 2104	4,722	.	.	5,272	.	.	6,593	.	.	8,708	.	.
SF 2303	4,336	.	.	4,696	.	.	6,342	.	.	8,704	.	.
Cuts	2	.	.	2	.	.	2	.	.	2	.	.
CV (%)	7.6	.	.	7.6	.	.	11.4	.	.	8.9	.	.
Trial Mean (kg/ha)	4,149	.	.	4,797	.	.	6,003	.	.	8,361	.	.

Summary WFT 2007 Alfalfa - Saskatchewan

Cultivar	Forage Yield as % of Beaver											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	100	.	.	100	.	.	100	.	.	100	.	.
54V09	92	.	.	97	.	.	82	.	.	96	.	.
AC Blue J	100	.	.	85	.	.	87	.	.	105	.	.
AMP10Z	84	.	.	99	.	.	93	.	.	101	.	.
CW 02001	90	.	.	92	.	.	91	.	.	106	.	.
DS721	98	.	.	98	.	.	94	.	.	102	.	.
DS722	100	.	.	98	.	.	96	.	.	104	.	.
Legendairy 5.0	103	.	.	95	.	.	106	.	.	91	.	.
LLB	103	.	.	90	.	.	93	.	.	93	.	.
NS07-ALFQT	85	.	.	99	.	.	95	.	.	111	.	.
NS07-ALFI4	106	.	.	106	.	.	111	.	.	93	.	.
PG	105	.	.	94	.	.	89	.	.	101	.	.
Rambler	101	.	.	106	.	.	99	.	.	93	.	.
Rangelander	109	.	.	94	.	.	103	.	.	94	.	.
SF 2103	90	.	.	91	.	.	93	.	.	105	.	.
SF 2104	113	.	.	106	.	.	106	.	.	104	.	.
SF 2303	103	.	.	95	.	.	102	.	.	104	.	.
Cuts	2	.	.	2	.	.	2	.	.	2	.	.
CV (%)	7.6	.	.	7.6	.	.	11.4	.	.	8.9	.	.
Beaver (kg/ha)	4,191	.	.	4,962	.	.	6,229	.	.	8,351	.	.

Summary WFT 2007 Alfalfa - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	3											
	Arborg			Rosebank			Thunder Bay			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	.	.	.	11972	.	.	.	.	.	4279	.	.
54V09	.	.	.	11707	.	.	.	.	.	4504	.	.
AC Blue J	.	.	.	12076	.	.	.	.	.	4732	.	.
AMP10Z	.	.	.	11335	.	.	.	.	.	4747	.	.
CW 02001	.	.	.	12280	.	.	.	.	.	4031	.	.
DS721	.	.	.	12567	.	.	.	.	.	4427	.	.
DS722	.	.	.	12330	.	.	.	.	.	4708	.	.
Legendairy 5.0	.	.	.	11804	.	.	.	.	.	4197	.	.
LLB	.	.	.	11770	.	.	.	.	.	4602	.	.
NS07-ALFQT	.	.	.	12289	.	.	.	.	.	4143	.	.
NS07-ALFI4	.	.	.	11974	.	.	.	.	.	4353	.	.
PG	.	.	.	11299	.	.	.	.	.	4096	.	.
Rambler	.	.	.	10739	.	.	.	.	.	4468	.	.
Rangelander	.	.	.	10039	.	.	.	.	.	4682	.	.
SF 2103	.	.	.	12001	.	.	.	.	.	4440	.	.
SF 2104	.	.	.	12218	.	.	.	.	.	4287	.	.
SF 2303	.	.	.	11462	.	.	.	.	.	4187	.	.
Cuts	.	.	.	2	.	.	.	.	.	1	.	.
CV (%)	.	.	.	8.4	.	.	.	.	.	12.3	.	.
Trial Mean (kg/ha)	.	.	.	11,757	.	.	.	.	.	4,405	.	.

Summary WFT 2007 Alfalfa - Manitoba

Cultivar	Forage Yield as % of Beaver											
	3											
	Arborg			Rosebank			Thunder Bay			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Beaver	.	.	.	100	.	.	.	.	.	100	.	.
54V09	.	.	.	98	.	.	.	.	.	105	.	.
AC Blue J	.	.	.	101	.	.	.	.	.	111	.	.
AMP10Z	.	.	.	95	.	.	.	.	.	111	.	.
CW 02001	.	.	.	103	.	.	.	.	.	94	.	.
DS721	.	.	.	105	.	.	.	.	.	103	.	.
DS722	.	.	.	103	.	.	.	.	.	110	.	.
Legendairy 5.0	.	.	.	99	.	.	.	.	.	98	.	.
LLB	.	.	.	98	.	.	.	.	.	108	.	.
NS07-ALFQT	.	.	.	103	.	.	.	.	.	97	.	.
NS07-ALFI4	.	.	.	100	.	.	.	.	.	102	.	.
PG	.	.	.	94	.	.	.	.	.	96	.	.
Rambler	.	.	.	90	.	.	.	.	.	104	.	.
Rangelander	.	.	.	84	.	.	.	.	.	109	.	.
SF 2103	.	.	.	100	.	.	.	.	.	104	.	.
SF 2104	.	.	.	102	.	.	.	.	.	100	.	.
SF 2303	.	.	.	96	.	.	.	.	.	98	.	.
Cuts	.	.	.	2	.	.	.	.	.	1	.	.
CV (%)	.	.	.	8.4	.	.	.	.	.	12.3	.	.
Beaver (kg/ha)	.	.	.	11,972	.	.	.	.	.	4,279	.	.

Summary WFT 2007 Crested Wheat - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	4,698	.	.	.	.	.	6,128	.	.	.	.	.	.	.	.
S9240M	5,140	.	.	.	.	.	7,496	.	.	.	.	.	.	.	.
S9489	5,741	.	.	.	.	.	7,793	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	12.5	.	.	.	.	.	3.8	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	5,193	.	.	.	.	.	7,139	.	.	.	.	.	.	.	.

Summary WFT 2007 Crested Wheat - Alberta

Cultivar	Forage Yield as % of Kirk														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	100	.	.	.	.	.	100	.	.	.	.	.	.	.	.
S9240M	109	.	.	.	.	.	122	.	.	.	.	.	.	.	.
S9489	122	.	.	.	.	.	127	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	12.5	.	.	.	.	.	3.8	.	.	.	.	.	.	.	.
Kirk (kg/ha)	4,698	.	.	.	.	.	6,128	.	.	.	.	.	.	.	.

Summary WFT 2007 Crested Wheat - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	.	.	.	6,565	.	.	11,668	.	.	13,927	.	.
S9240M	.	.	.	6,416	.	.	12,828	.	.	14,155	.	.
S9489	.	.	.	6,625	.	.	13,081	.	.	14,237	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	5.3	.	.	6.6	.	.	8.4	.	.
Trial Mean (kg/ha)	.	.	.	6,535	.	.	12,526	.	.	14,106	.	.

Summary WFT 2007 Crested Wheat - Saskatchewan

Cultivar	Forage Yield as % of Kirk											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	.	.	.	100	.	.	100	.	.	100	.	.
S9240M	.	.	.	98	.	.	110	.	.	102	.	.
S9489	.	.	.	101	.	.	112	.	.	102	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	5.3	.	.	6.6	.	.	8.4	.	.
Kirk (kg/ha)	.	.	.	6,565	.	.	11,668	.	.	13,927	.	.

Summary WFT 2007 Crested Wheat - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	.	.	.	10,193	.	.	4,690	.	.
S9240M	.	.	.	10,910	.	.	4,712	.	.
S9489	.	.	.	10,356	.	.	4,897	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	8.0	.	.	5.2	.	.
Trial Mean (kg/ha)	.	.	.	10,486	.	.	4,766	.	.

Summary WFT 2007 Crested Wheat - Manitoba

Cultivar	Forage Yield as % of Kirk								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kirk	.	.	.	100	.	.	100	.	.
S9240M	.	.	.	107	.	.	100	.	.
S9489	.	.	.	102	.	.	104	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	8.0	.	.	5.2	.	.
Kirk (kg/ha)	.	.	.	10,193	.	.	4,690	.	.

Summary WFT 2007 Italian Ryegrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Maris Ledger	944	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Feast II	804	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	63.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	874	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Italian Ryegrass - Alberta

Cultivar	Forage Yield as % of Maris Ledger														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Maris Ledger	100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Feast II	85	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	63.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Maris Ledger (kg/ha)	944	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Italian Ryegrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Maris Ledger	7,492	.	.	.	.	.	.	.	.
Feast II	7,630	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	.	.	.
CV (%)	4.6	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	7,561	.	.	.	.	.	.	.	.

Summary WFT 2007 Italian Ryegrass - Manitoba

Cultivar	Forage Yield as % of Maris Ledger								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Maris Ledger	100	.	.	.	.	.	.	.	.
Feast II	102	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	.	.	.
CV (%)	4.6	.	.	.	.	.	.	.	.
Maris Ledger (kg/ha)	7,492	.	.	.	.	.	.	.	.

Summary WFT 2007 Meadow Brome - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	5,360	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NS07-01	5,170	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	16.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	5,265	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Meadow Brome - Alberta

Cultivar	Forage Yield as % of Fleet														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
NS07-01	96	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	16.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Fleet (kg/ha)	5,360	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Meadow Brome - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	.	.	.	6,519	.	.	9,105	.	.	11,939	.	.
NS07-01	.	.	.	6,205	.	.	10,505	.	.	12,943	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	6.1	.	.	4.5	.	.	12.4	.	.
Trial Mean (kg/ha)	.	.	.	6,362	.	.	9,805	.	.	12,441	.	.

Summary WFT 2007 Meadow Brome - Saskatchewan

Cultivar	Forage Yield as % of Fleet											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	.	.	.	100	.	.	100	.	.	100	.	.
NS07-01	.	.	.	95	.	.	115	.	.	108	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	6.1	.	.	4.5	.	.	12.4	.	.
Fleet (kg/ha)	.	.	.	6,519	.	.	9,105	.	.	11,939	.	.

Summary WFT 2007 Meadow Brome - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	.	.	.	9,119	.	.	4,485	.	.
NS07-01	.	.	.	9,238	.	.	4,120	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	10.2	.	.	10.2	.	.
Trial Mean (kg/ha)	.	.	.	9,179	.	.	4,303	.	.

Summary WFT 2007 Meadow Brome - Manitoba

Cultivar	Forage Yield as % of Fleet								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Fleet	.	.	.	100	.	.	100	.	.
NS07-01	.	.	.	101	.	.	92	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	10.2	.	.	10.2	.	.
Fleet (kg/ha)	.	.	.	9,119	.	.	4,485	.	.

Summary WFT 2005 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	3,063	7,065	3,375	.	9,307	7,212	.	14,303	9,392	3,158	10,573	7,208	4,221
ARC 103-1 (NB)	6,728	4,587	4,509	5,131	2,080	.	5,523	4,208	.	5,870	4,330	2,339	7,256	3,768	2,679
Carlton (SB)	9,004	6,501	5,302	5,895	3,893	.	6,614	11,067	.	17,922	15,284	9,184	12,706	9,016	5,195
Fleet (MB)	7,467	3,982	3,985	8,930	4,081	.	7,564	10,958	.	15,396	11,518	7,470	12,300	8,480	4,627
Spring Green (Fest)	2,256	3,664	5,314	.	.	.	.	.	.	9,428	7,976	.	11,466	654	1,055
Cuts	1	1	1	1	1	.	2	2	.	2	2	1	3	2	1
CV (%)	19.3	18.1	30.4	12.8	20.2	.	7.2	24.4	.	8.7	16.6	12.6	4.3	22.2	14.4
Trial Mean (kg/ha)	6,895	4,867	4,435	6,755	3,357	.	7,252	8,361	.	12,584	9,700	5,538	10,860	5,825	3,555

CWR = Canadian Wildrye

Fest = Festulolium

MB = Meadow Bromegrass

NB = Nodding Brome

SB = Smooth Bromegrass

Summary WFT 2005 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	77	79	83	.	123	66	.	93	82	42	86	85	91
ARC 103-1 (NB)	90	115	113	57	51	.	73	38	.	38	38	31	59	44	58
Carlton (SB)	121	163	133	66	95	.	87	101	.	116	133	123	103	106	112
Fleet (MB)	100	100	100	100	100	.	100	100	.	100	100	100	100	100	100
Spring Green (Fest)	30	92	133	.	.	.	.	.	.	61	69	.	93	8	23
Cuts	1	1	1	1	1	.	2	2	.	2	2	1	3	2	1
CV (%)	19.3	18.1	30.4	12.8	20.2	.	7.2	24.4	.	8.7	16.6	12.6	4.3	22.2	14.4
Fleet (kg/ha)	7,467	3,982	3,985	8,930	4,081	.	7,564	10,958	.	15,396	11,518	7,470	12,300	8,480	4,627

CWR = Canadian Wildrye

Fest = Festulolium

MB = Meadow Bromegrass

NB = Nodding Brome

SB = Smooth Bromegrass

Summary WFT 2007 Orchardgrass - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	2,424	.	.	.	.	.	7,144	.	.	.	.	.	.	.	.
NOG01	3,353	.	.	.	.	.	3,946	.	.	.	.	.	.	.	.
OG 96-2	2,178	.	.	.	.	.	5,860	.	.	.	.	.	.	.	.
Tekapo	2,194	.	.	.	.	.	7,434	.	.	.	.	.	.	.	.
TS-PX4	2,063	.	.	.	.	.	6,394	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	45.5	.	.	.	.	.	36.8	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	2,442	.	.	.	.	.	6,156	.	.	.	.	.	.	.	.

Summary WFT 2007 Orchardgrass - Alberta

Cultivar	Forage Yield as % of Kay														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	100	.	.	.	.	.	100	.	.	.	.	.	.	.	.
NOG01	138	.	.	.	.	.	55	.	.	.	.	.	.	.	.
OG 96-2	90	.	.	.	.	.	82	.	.	.	.	.	.	.	.
Tekapo	91	.	.	.	.	.	104	.	.	.	.	.	.	.	.
TS-PX4	85	.	.	.	.	.	90	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	45.5	.	.	.	.	.	36.8	.	.	.	.	.	.	.	.
Kay (kg/ha)	2,424	.	.	.	.	.	7,144	.	.	.	.	.	.	.	.

Summary WFT 2007 Orchardgrass - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	.	.	.	3,209	.	.	9,473	.	.	12,666	.	.
NOG01	.	.	.	3,311	.	.	10,358	.	.	11,659	.	.
OG 96-2	.	.	.	2,704	.	.	7,793	.	.	12,182	.	.
Tekapo	.	.	.	1,648	.	.	3,494	.	.	7,818	.	.
TS-PX4	.	.	.	3,063	.	.	8,791	.	.	13,557	.	.
Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	17.5	.	.	14.9	.	.	13.2	.	.
Trial Mean (kg/ha)	.	.	.	2,787	.	.	7,982	.	.	11,576	.	.

Summary WFT 2007 Orchardgrass - Saskatchewan

Cultivar	Forage Yield as % of Kay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	.	.	.	100	.	.	100	.	.	100	.	.
NOG01	.	.	.	103	.	.	109	.	.	92	.	.
OG 96-2	.	.	.	84	.	.	82	.	.	96	.	.
Tekapo	.	.	.	51	.	.	37	.	.	62	.	.
TS-PX4	.	.	.	95	.	.	93	.	.	107	.	.
Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	17.5	.	.	14.9	.	.	13.2	.	.
Kay (kg/ha)	.	.	.	3,209	.	.	9,473	.	.	12,666	.	.

Summary WFT 2007 Orchardgrass - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	.	.	.	8,807	.	.	.	.	.
NOG01	.	.	.	9,708	.	.	.	.	.
OG 96-2	.	.	.	8,214	.	.	.	.	.
Tekapo
TS-PX4	.	.	.	8,380	.	.	.	.	.
Cuts	.	.	.	1	.	.	.	.	.
CV (%)	.	.	.	12.2	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	8,777	.	.	.	.	.

Summary WFT 2007 Orchardgrass - Manitoba

Cultivar	Forage Yield as % of Kay								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Kay	.	.	.	100	.	.	.	.	.
NOG01	.	.	.	110	.	.	.	.	.
OG 96-2	.	.	.	93	.	.	.	.	.
Tekapo
TS-PX4	.	.	.	95	.	.	.	.	.
Cuts	.	.	.	1	.	.	.	.	.
CV (%)	.	.	.	12.2	.	.	.	.	.
Kay (kg/ha)	.	.	.	8,807	.	.	.	.	.

Summary WFT 2007 Red Clover - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	.	.	.	2008	.	.	.	.	.
Altaswede	.	.	.	9,406	.	.	.	.	.
Starfire II	.	.	.	9,217	.	.	.	.	.

Cuts	.	.	.	2	.	.	.	.	.
CV (%)	.	.	.	7.0	.	.	.	.	.
Trial Mean (kg/ha)	.	.	.	9,312	.	.	.	.	.

Summary WFT 2007 Red Clover - Manitoba

Cultivar	Forage Yield as % of Altaswede								
	3								
	Arborg			Rosebank			St. Pierre		
	.	.	.	2008	.	.	.	.	.
Altaswede	.	.	.	100	.	.	.	.	.
Starfire II	.	.	.	98	.	.	.	.	.

Cuts	.	.	.	2	.	.	.	.	.
CV (%)	.	.	.	7.0	.	.	.	.	.
Check (kg/ha)	.	.	.	9,406	.	.	.	.	.

Summary WFT 2007 Smooth Brome - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton	4,149	.	.	.	.	.	.	.	.	.	.	.	.	.	.
York	5,187	.	.	.	.	.	14,528	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.
CV (%)	28.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	4,668	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Smooth Brome - Alberta

Cultivar	Forage Yield as % of Carlton														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton	100	.	.	.	.	.	.	.	.	.	.	.	.	.	.
York	125	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CV (%)	28.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Carlton (kg/ha)	4,149	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Summary WFT 2007 Smooth Brome - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton
York	.	.	.	7,967	.	.	8,191	.	.	16,478	.	.
Cuts	.	.	.	2	.	.	1	.	.	2	.	.
CV (%)
Trial Mean (kg/ha)

Summary WFT 2007 Smooth Brome - Saskatchewan

Cultivar	Forage Yield as % of Carlton											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton
York
Cuts
CV (%)
Carlton (kg/ha)

Summary WFT 2007 Smooth Brome - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton	.	.	.	8,881	.	.	5,408	.	.
York	.	.	.	12,078	.	.	6,043	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	5.5	.	.	6.9	.	.
Trial Mean (kg/ha)	.	.	.	10,480	.	.	5,726	.	.

Summary WFT 2007 Smooth Brome - Manitoba

Cultivar	Forage Yield as % of Carlton								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Carlton	.	.	.	100	.	.	100	.	.
York	.	.	.	136	.	.	112	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	5.5	.	.	6.9	.	.
Carlton (kg/ha)	.	.	.	8,881	.	.	5,408	.	.

Summary WFT 2007 Tall Fescue - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	3,141	.	.	.	.	.	10,107	.	.	.	.	.	.	.	.
NTF03	2,810	.	.	.	.	.	9,423	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	14.5	.	.	.	.	.	6.3	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	2,976	.	.	.	.	.	9,765	.	.	.	.	.	.	.	.

Summary WFT 2007 Tall Fescue - Alberta

Cultivar	Forage Yield as % of Courtenay														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	100	.	.	.	.	.	100	.	.	.	.	.	.	.	.
NTF03	89	.	.	.	.	.	93	.	.	.	.	.	.	.	.

Cuts	1	.	.	.	.	.	2	.	.	.	.	.	.	.	.
CV (%)	14.5	.	.	.	.	.	6.3	.	.	.	.	.	.	.	.
Courtenay (kg/ha)	3,141	.	.	.	.	.	10,107	.	.	.	.	.	.	.	.

Summary WFT 2007 Tall Fescue - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	.	.	.	4,256	.	.	9,710	.	.	15,120	.	.
NTF03	.	.	.	3,793	.	.	9,692	.	.	14,267	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	4.0	.	.	4.1	.	.	19.5	.	.
Trial Mean (kg/ha)	.	.	.	4,025	.	.	9,701	.	.	14,694	.	.

Summary WFT 2007 Tall Fescue - Saskatchewan

Cultivar	Forage Yield as % of Courtenay											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	.	.	.	100	.	.	100	.	.	100	.	.
NTF03	.	.	.	89	.	.	100	.	.	94	.	.

Cuts	.	.	.	2	.	.	2	.	.	2	.	.
CV (%)	.	.	.	4.0	.	.	4.1	.	.	19.5	.	.
Courtenay (kg/ha)	.	.	.	4,256	.	.	9,710	.	.	15,120	.	.

Summary WFT 2007 Tall Fescue - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	.	.	.	10,177	.	.	6,090	.	.
NTF03	.	.	.	11,854	.	.	6,676	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	4.5	.	.	11.6	.	.
Trial Mean (kg/ha)	.	.	.	11,016	.	.	6,383	.	.

Summary WFT 2007 Tall Fescue - Manitoba

Cultivar	Forage Yield as % of Courtenay								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Courtenay	.	.	.	100	.	.	100	.	.
NTF03	.	.	.	116	.	.	110	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	4.5	.	.	11.6	.	.
Courtenay (kg/ha)	.	.	.	10,177	.	.	6,090	.	.

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	2008	2005	2006	2007	2005	2006	2007
Climax	9,155	8,192	1,072	11,257	9,041	7,512	12,941	15,020	13,755
SW TT2527	8,676	7,480	1,174	11,304	8,581	7,930	13,848	13,458	14,240
Cuts	1	2	1	2	2	1	2	2	2
CV (%)	5.1	11.7	25.2	2.3	6.0	9.6	8.2	5.4	11.2
Trial Mean (kg/ha)	8,916	7,836	1,123	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	2008	2005	2006	2007	2005	2006	2007
Climax	100	100	100	100	100	100	100	100	100
SW TT2527	95	91	110	100	95	106	107	90	104
Cuts	1	2	1	2	2	1	2	2	2
CV (%)	5.1	11.7	25.2	2.3	6.0	9.6	8.2	5.4	11.2
Climax (kg/ha)	9,155	8,192	1,072	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 Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	Cultivar	2006	2007	2008	2006	2007	2008
Climax	13,500	10,272	5,360	9,268	4,419	3,453
SW TT2503	13,699	11,145	5,596	10,084	4,589	3,590
Cuts	2	2	1	2	2	1
CV (%)	6.4	3.7	7.2	8.7	18.3	5.3
Trial Mean (kg/ha)	13,600	10,709	5,478	9,676	4,504	3,522

Summary WFT 2005 Timothy - Alberta

	Forage Yield as % of Climax														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	Cultivar	2006	2007	2008	2006	2007	2008
Climax	100	100	100	100	100	100
SW TT2503	101	108	104	109	104	104
Cuts	2	2	1	2	2	1
CV (%)	6.4	3.7	7.2	8.7	18.3	5.3
Climax (kg/ha)	13,500	10,272	5,360	9,268	4,419	3,453

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	1,616	9,213	8,139	2,215	17,050	8,516	10,015
SW TT2503	.	.	.	9,396	8,899	1,492	8,824	8,287	2,384	15,610	9,265	10,317
Cuts	.	.	.	1	2	1	2	1	1	2	2	2
CV (%)	.	.	.	6.4	13.0	10.7	5.7	4.1	9.9	11.1	10.1	9.5
Trial Mean (kg/ha)	.	.	.	9,605	8,689	1,554	9,019	8,213	2,300	16,330	8,891	10,166

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	100	100	100
SW TT2503	.	.	.	96	105	92	96	102	108	92	109	103
Cuts	.	.	.	1	2	1	2	1	1	2	2	2
CV (%)	.	.	.	6.4	13.0	10.7	5.7	4.1	9.9	11.1	10.1	9.5
Climax (kg/ha)	.	.	.	9,813	8,478	1,616	9,213	8,139	2,215	17,050	8,516	10,015

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	.	5,388	9,697	13,490	7,541	.	.	3,195
SW TT2503	5,477	.	5,032	8,730	10,379	6,823	.	.	3,453

Cuts	1	.	1	1	1	1	.	.	1
CV (%)	11.2	.	7.4	9.2	6.3	10.6	.	.	11.0
Trial Mean (kg/ha)	5,395	.	5,210	9,214	11,935	7,182	.	.	3,324

Summary WFT 2005 Timothy - 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	100	100	.	.	100
SW TT2503	103	.	93	90	77	90	.	.	108

Cuts	1	.	1	1	1	1	.	.	1
CV (%)	11.2	.	7.4	9.2	6.3	10.6	.	.	11.0
Climax (kg/ha)	5,313	.	5,388	9,697	13,490	7,541	.	.	3,195

Summary WFT 2007 Timothy - Alberta

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	3,474	.	.	.	.	.	6,938	.	.	.	.	.	.	.	.
NS07-TIMHN	3,156	.	.	.	.	.	5,808	.	.	.	.	.	.	.	.
NS07-TIMTE	.	.	.	.	.	.	6,038	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.
CV (%)	40.1	.	.	.	.	.	9.7	.	.	.	.	.	.	.	.
Trial Mean (kg/ha)	3,315	.	.	.	.	.	6,261	.	.	.	.	.	.	.	.

Summary WFT 2007 Timothy - Alberta

Cultivar	Forage Yield as % of Climax														
	3			4						Irrigation					
	Vegreville			Fort Kent			Westlock			Brooks			Lethbridge		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	100	.	.	.	.	.	100	.	.	.	.	.	.	.	.
NS07-TIMHN	91	.	.	.	.	.	84	.	.	.	.	.	.	.	.
NS07-TIMTE	.	.	.	.	.	.	87	.	.	.	.	.	.	.	.
Cuts	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.
CV (%)	40.1	.	.	.	.	.	9.7	.	.	.	.	.	.	.	.
Climax (kg/ha)	3,474	.	.	.	.	.	6,938	.	.	.	.	.	.	.	.

Summary WFT 2007 Timothy - Saskatchewan

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	.	.	.	2,352	.	.	5,668	.	.	9,836	.	.
NS07-TIMHN	.	.	.	3,436	.	.	6,055	.	.	11,478	.	.
NS07-TIMTE	.	.	.	3,736	.	.	5,232	.	.	11,754	.	.

Cuts	.	.	.	2	.	.	1	.	.	2	.	.
CV (%)	.	.	.	20.6	.	.	34.9	.	.	14.0	.	.
Trial Mean (kg/ha)	.	.	.	3,175	.	.	5,652	.	.	11,023	.	.

Summary WFT 2007 Timothy - Saskatchewan

Cultivar	Forage Yield as % of Climax											
	1			2			3			Irrigation		
	Swift Current			Saskatoon			Melfort			Outlook		
	2008	2009	2010	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	.	.	.	100	.	.	100	.	.	100	.	.
NS07-TIMHN	.	.	.	146	.	.	107	.	.	117	.	.
NS07-TIMTE	.	.	.	159	.	.	92	.	.	119	.	.

Cuts	.	.	.	2	.	.	1	.	.	2	.	.
CV (%)	.	.	.	20.6	.	.	34.9	.	.	14.0	.	.
Climax (kg/ha)	.	.	.	2,352	.	.	5,668	.	.	9,836	.	.

Summary WFT 2007 Timothy - Manitoba

Cultivar	Cultivar Mean Forage Yield Summary (kg/ha)								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	.	.	.	9,185	.	.	5,429	.	.
NS07-TIMHN	.	.	.	9,542	.	.	5,163	.	.
NS07-TIMTE	.	.	.	9,303	.	.	5,385	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	10.8	.	.	7.6	.	.
Trial Mean (kg/ha)	.	.	.	9,343	.	.	5,326	.	.

Summary WFT 2007 Timothy - Manitoba

Cultivar	Forage Yield as % of Climax								
	3								
	Arborg			Rosebank			St. Pierre		
	2008	2009	2010	2008	2009	2010	2008	2009	2010
Climax	.	.	.	100	.	.	100	.	.
NS07-TIMHN	.	.	.	104	.	.	95	.	.
NS07-TIMTE	.	.	.	101	.	.	99	.	.

Cuts	.	.	.	1	.	.	1	.	.
CV (%)	.	.	.	10.8	.	.	7.6	.	.
Climax (kg/ha)	.	.	.	9,185	.	.	5,429	.	.

Application for Entry into Registration Trials

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

2. Experimental Name or Number :

3. Variety Name (if named) :

4.

	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.

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-Jolys

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 – 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: friebeld@agr.gc.ca

Deadlines:
Entries – February 15
Seed – March 15

**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: