

**Alberta Agriculture  
Food and Rural Development**

**Saskatchewan  
Agriculture & Food**

**Manitoba  
Agriculture**

**WFTEST:  
The Western Forage  
Testing System  
Report  
2004**



**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 when statistically significant differences are present using the 5% level of significance. This means there is a 95% probability that you can reject the hypothesis that the treatments are the same or there is only a 5% probability that the treatment differences occurred by chance. If the difference in treatment values is less than the LSD value, the treatments are not considered to be significantly different.

**Disclaimer**

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

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# WFTEST: The Western Forage Testing System

Revised January 2004

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## 1. **Introduction**

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

The goals of this system are:

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

## 2. **Procedure for Entering Cultivars**

### 2.1 **Number of Cultivars**

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

### 2.2 **Deadline for Application**

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

### 2.3 **Application Form**

An application form is attached in the appendix.

### 2.4 **Fees**

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

### 3. General Information

#### 3.1 Sites

##### a) Manitoba

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

##### b) Saskatchewan

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

##### c) Alberta

- Vegreville (black) Area 3
- Fort Kent (grey wooded) Area 4
- Westlock (grey wooded) Area 4
- Brooks (brown) Irrigation
- 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 bromegrass: Carlton
- ◆ Meadow bromegrass: Fleet
- ◆ Creeping red fescue: Boreal
- ◆ Meadow fescue: Ensign
- ◆ Tall fescue: Courtenay
- ◆ Kentucky bluegrass: Troy
- ◆ Orchard grass: Kay
- ◆ Altai wildrye: Prairieland
- ◆ Russian wildrye: Swift
- ◆ Timothy: Climax
- ◆ Crested wheatgrass: Kirk
- ◆ Intermediate/Pubescent wheatgrass: Chief
- ◆ Northern wheatgrass: Elbee
- ◆ Slender wheatgrass: Revenue
- ◆ Streambank wheatgrass: Sodar
- ◆ Tall wheatgrass: Orbit
- ◆ Western wheatgrass: Walsh
- ◆ Perennial ryegrass: Norlea
- ◆ Westerwolds annual ryegrass: Aubade
- ◆ Italian ryegrass: Maris Ledger

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

#### 4. **Site Inspection**

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

#### 5. **Data Collection**

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

Perennial species will be harvested for a minimum of three successive years, annual and biennial species will be harvested for a minimum of two successive years. All trial data will be reported and trial data with CV's of 20% or higher will be noted.

#### 6. **Data Management**

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

#### 7. **Provincial Contacts**

**For information on varietal data contact the respective provincial representative:**

##### Alberta

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## Western Forage Testing Coordinating Committee

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## Species and Origin of Entries in WFTesting System

### Alfalfa 1999

1.	CW 4223	Cal/West Seeds
2.	CW 6408	
3.	C227	Rothwell Seeds
4.	C304 (WL 327)	
5.	4241 (Matrix)	Interlake Forage Seeds
6.	Pickseed 3030	Pickseed Canada Inc.
7.	Pickseed 2065MF	
8.	Gibraltar	
9.	R922	AgricoreUnited / Proven Seed
10.	R923	
11.	Geneva	
12.	ZG 9831	
13.	SL 9000	Seed-Link Inc.
14.	SL 9001 (Magnum V-Wet)	
15.	SL 9002	
16.	DS 9923 (Forecast 1001)	Brett-Young Seeds Ltd.
17.	DS 9224	
18.	DS 9225 (Magnum 3801 Wet)	
19.	DS 9227 (HybriForce-400)	
20.	DS 9228	
21.	DS 9229	
22.	Beaver	Check
23.	Anchor	
24.	Rambler	
25.	Barrier (Irr only)	

## Alfalfa 2000

1.	CW 73038 (TOPHAND)		Cal/West Seeds
2.	9603 (Renaissance)		Pickseed Canada Inc.
3.	Pickseed 3008		
4.	54V54		Pioneer Hi-Bred Ltd.
5.	DS2000		Dyck Forages & Grasses
6.	EX101		
7.	DS027-BY		Brett-Young
8.	DS028-BY		
9.	DS029-BY		
10.	DS030-BY		
11.	DS380-BY		
12.	DK124	(MB&SK)	Monsanto Canada Inc.
13.	DK134 (134)	(MB&SK)	
14.	Cascadia ML	(AB)	Richardson Seed Check
15.	Beaver		
16.	AC Blue J		
17.	Rambler		
18.	Rangelander		

## Alfalfa 2001

1.	LOSAP		Northstar Seed Ltd.
2.	NSO1M5		
3.	NSO1M7		
4.	NSO1DA		
5.	AC Longview		Prairie Seeds Ltd.
6.	StockWell		
7.	Starbuck		Pickseed Canada Ltd. Check
8.	Beaver		
9.	AC Blue J		
10.	Rambler		
11.	Rangelander		

## Alfalfa 2002

1.	DS233		Brett-Young Seeds Ltd.
2.	DS234		
3.	DS235		
4.	DS236		
5.	NS02CK		Northstar Seed Ltd.
6.	54Q25		Pioneer Hi-Bred Ltd.
7.	55V05		
8.	LRC 01CR		AAFC-Lethbridge Check
9.	Beaver		
10.	AC Blue J		
11.	Rambler		
12.	Rangelander		

### **Alfalfa 2003**

1.	DS 335		Brett-Young Seeds Ltd.
2.	DS 336		
3.	DS 337		
4.	SW LU8407		Svalof Weibull AB
5.	3M49		Pickseed Canada Inc.
6.	54V46		Pioneer Hi-Bred Ltd.
7.	SCL 30001 (SK only)		AAFC-Swift Current
8.	Beaver		Check
9.	AC Blue J		
10.	Rambler		
11.	Rangelander		

### **Cicer Milkvetch 2002**

1.	LRC 94-1		AAFC-Lethbridge
2.	Oxley		Check

### **Bromegrass 2001**

1.	95MB-2	Meadow	AgricoreUnited / Proven Seed
2.	Fleet		Check
3.	SFB 9001 (AC Rocket)	Smooth	AgricoreUnited / Proven Seed
4.	Carlton		Check

### **Tall Fescue 2001**

1.	Maximize		Newfield Seeds Co. Ltd.
2.	Courtenay		Check

### **Tall Fescue 2003**

1.	TF 10111		Brett-Young Seeds Ltd.
2.	UMTF		Pickseed Canada Inc.
3.	Courtenay		Check

### **Orchard grass 2002**

1.	AC Killarney		AAFC-Brandon
2.	SOG01		AAFC-Lethbridge
3.	Kay		Check

### **Timothy 2000**

- |    |                  |                         |
|----|------------------|-------------------------|
| 1. | Motim            | Newfield Seeds Co. Ltd. |
| 2. | PBQX-1 (TimPro)  | Pickseed Canada Inc.    |
| 3. | PCQX-39          |                         |
| 4. | BOR 94372        | Parsons Seeds Ltd.      |
| 5. | BOR 94374 (TOPI) |                         |
| 6. | Climax           | Check                   |

### **Timothy 2001**

- |    |          |                     |
|----|----------|---------------------|
| 1. | Barnee   | Barenbrug USA       |
| 2. | Bartimo  |                     |
| 3. | EXPRESS  | Northstar Seed Ltd. |
| 4. | Dolina   | DLF – Trifolium A/S |
| 5. | LPHL 458 |                     |
| 6. | Tundra   |                     |
| 7. | Niklas   |                     |
| 8. | Climax   | Check               |

### **Timothy 2002**

- |    |          |                            |
|----|----------|----------------------------|
| 1. | NS02TY   | Northstar Seed Ltd.        |
| 2. | 45-214   | Pickseed Canada Inc.       |
| 3. | Charlton | Moore Seed Processors Inc. |
| 4. | Jonaton  | Newfield Seeds Co. Ltd.    |
| 5. | Climax   | Check                      |

### **Italian Ryegrass 2004**

- |    |              |                     |
|----|--------------|---------------------|
| 1. | NS01-I01     | Northstar Seed Ltd. |
| 2. | Maris Ledger | Check               |

### **Westerwold Ryegrass 2004**

- |    |          |                     |
|----|----------|---------------------|
| 1. | Elunaria | Northstar Seed Ltd. |
| 2. | Aubade   | Check               |

WFT ALFALFA 1999 NEEPAWA MB Area-3  
(seeded 2000)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 16JUL04	CUT 2 24AUG04	CUT 3 .		
BEAVER	7526	4091	.	11617	100
PICKSEED 2065MF	8061	3518	.	11579	100
HYBRIFORCE-400	7787	3456	.	11243	97
ANCHOR	7291	3765	.	11056	95
CW 4223	7181	3837	.	11018	95
RAMBLER	7313	3663	.	10977	94
DS 9928	7390	3309	.	10698	92
C227	7051	3634	.	10685	92
PICKSEED 3030	6930	3740	.	10670	92
DS 9929	6865	3640	.	10505	90
CW 6408	7285	3215	.	10500	90
FORECAST 1001	6983	3480	.	10463	90
SL 9900	7049	3411	.	10459	90
GENEVA	6741	3675	.	10416	90
GIBRALTAR	6885	3488	.	10373	89
DS 9924	6608	3687	.	10295	89
R923	6353	3924	.	10277	88
MATRIX	6932	3326	.	10259	88
WL 327	6570	3521	.	10091	87
MAGNUM V-WET	6913	3125	.	10037	86
MAGNUM 3801 WET	6597	3227	.	9824	85
SL 9902	6532	3260	.	9792	84
R922	6436	3317	.	9753	84
ZG 9831	6679	2490	.	9169	79
Mean	6998	3491	.	10490	
CV(%)	8.5	15.0	.	9.0	
LSD(0.05)	835	736	.	1335	



WFT ALFALFA 2000 VEGREVILLE AB Area-3  
(seeded 2001)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 20JUL04	CUT 2 .	CUT 3 .		
TOPHAND	2704	.	.	2704	143
RAMBLER	2554	.	.	2554	135
DS2000	2508	.	.	2508	132
CASCADIA ML	2469	.	.	2469	130
DS030-BY	2322	.	.	2322	123
3008	2139	.	.	2139	113
RANGELANDER	2103	.	.	2103	111
DS027-BY	2071	.	.	2071	109
AC BLUE J	1993	.	.	1993	105
54V54	1901	.	.	1901	100
BEAVER	1893	.	.	1893	100
DS029-BY	1838	.	.	1838	97
DS380-BY	1824	.	.	1824	96
DS028-BY	1752	.	.	1752	93
EX101	1414	.	.	1414	75
9603	1366	.	.	1366	72
Mean	2053	.	.	2053	
CV(%)	42.6	.	.	42.6	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20% \*

WFT ALFALFA 2000 SWIFT CURRENT SK Area-1  
(seeded 2001)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 14JUL04	CUT 2 24SEP04	CUT 3 .		
RAMBLER	4602	433	.	5036	114
DS2000	4239	682	.	4922	112
DS380-BY	3969	800	.	4770	108
DS030-BY	3788	899	.	4687	106
AC BLUE J	3837	696	.	4534	103
DS029-BY	3751	689	.	4441	101
BEAVER	3946	456	.	4402	100
RANGELANDER	3717	459	.	4176	95
TOPHAND	3394	781	.	4175	95
DS028-BY	3494	675	.	4170	95
134	3379	773	.	4153	94
54V54	3285	790	.	4076	93
EX101	3098	792	.	3890	88
DK124	3065	753	.	3818	87
DS027-BY	3001	721	.	3723	85
PICKSEED 3008	2916	720	.	3637	83
RENAISSANCE	2757	701	.	3459	79
Mean	3588	688	.	4276	
CV(%)	25.6	19.9	.	23.0	
LSD(0.05)	NS	194	.	NS	

\* Please note trial CV over 20 % \*

WFT ALFALFA 2000 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 15JUL04	CUT 2 24AUG04	CUT 3 .		
134	7704	3749	.	11557	113
DK124	7531	3814	.	11345	111
EX101	7381	3932	.	11313	111
DS029-BY	6979	4010	.	10989	108
TOPHAND	6372	4353	.	10725	105
DS030-BY	6895	3792	.	10687	105
54V54	6723	3829	.	10553	103
RAMBLER	7206	3325	.	10531	103
PICKSEED 3008	6875	3420	.	10295	101
DS027-BY	6625	3633	.	10258	101
DS028-BY	6864	3350	.	10214	100
DS2000	6756	3449	.	10205	100
BEAVER	7082	3119	.	10201	100
DS380-BY	6438	3465	.	9903	97
RANGELANDER	6722	3015	.	9737	95
AC BLUE J	6333	3256	.	9590	94
RENAISSANCE	5910	3331	.	9241	91
Mean	6847	3579	.	10432	
CV(%)	9.8	14.0	.	9.1	
LSD(0.05)	957	713	.	1350	

WFT ALFALFA 2001 LETHBRIDGE AB Area-2  
(seeded 2002)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 22JUN04	CUT 2 04AUG04	CUT 3 05OCT04		
LOSAP	6258	4573	2317	13148	111
NS01DA	5841	5018	1991	12850	109
STOCKWELL	5814	4537	1981	12332	104
AC LONGVIEW	5134	4523	2458	12114	103
BEAVER	5529	4724	1560	11813	100
NS01M5	5168	4559	1962	11690	99
RAMBLER	5696	4243	1700	11639	99
AC BLUE J	4558	4157	2028	10743	91
NS01M7	4509	3712	1420	9641	82
RANGELANDER	4496	3877	1206	9578	81
STARBUCK	4870	3812	804	9486	80
Mean	5220	4272	1745	11237	
CV(%)	24.5	15.3	50.9	20.2	
LSD(0.05)	NS	929	NS	NS	

WFT ALFALFA 2001 LACOMBE AB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 25JUN04	CUT 2 13AUG04	CUT 3 28SEP04		
RAMBLER	4635	4992	965	10592	112
AC LONGVIEW	3727	4845	1825	10397	110
RANGELANDER	4097	5102	856	10055	106
STOCKWELL	3394	4475	2155	10025	106
STARBUCK	3396	4426	1745	9568	101
BEAVER	3926	4306	1235	9467	100
AC BLUE J	3181	4608	1665	9455	100
NSO1M5	3067	4386	1286	8738	92
NSO1M7	2162	4143	1374	7679	81
NSO1DA	2132	3589	1283	7004	74
LOSAP	1589	3356	704	5649	60
Mean	3210	4384	1372	8966	
CV(%)	15.3	15.1	31.0	10.4	
LSD(0.05)	709	958	614	1353	

WFT ALFALFA 2001 VEGREVILLE AB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 16JUL04	CUT 2 .	CUT 3 .		
NSO1DA	5558	.	.	5558	138
RAMBLER	5296	.	.	5296	131
AC LONGVIEW	4694	.	.	4694	116
BEAVER	4035	.	.	4035	100
RANGELANDER	3896	.	.	3896	97
AC BLUE J	3798	.	.	3798	94
STOCKWELL	3798	.	.	3798	94
NSO1M7	3732	.	.	3732	92
STARBUCK	3683	.	.	3683	91
NSO1M5	3365	.	.	3365	83
LOSAP	2934	.	.	2934	73
Mean	4072	.	.	4072	
CV(%)	26.3	.	.	26.3	
LSD(0.05)	1549	.	.	1549	

\* Please note trial CV over 20 % \*

WFT ALFALFA 2001 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 24JUN04	CUT 2 04AUG04	CUT 3 15SEP04		
AC BLUE J	7831	5664	3339	16834	110
STOCKWELL	7470	5834	3513	16817	110
AC LONGVIEW	7638	5746	3321	16706	110
STARBUCK	7528	5443	3256	16227	106
NSO1DA	6958	5624	3347	15929	105
BEAVER	7840	5199	2202	15241	100
NSO1M7	6700	5345	3091	15135	99
RANGELANDER	8139	5214	1768	15121	99
RAMBLER	7923	5280	1687	14890	98
NSO1M5	6860	5102	2743	14706	96
LOSAP	6248	4695	2953	13896	91
Mean	7376	5377	2838	15591	
CV(%)	6.8	9.0	5.8	4.5	
LSD(0.05)	721	NS	238	1015	

WFT ALFALFA 2001 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 22JUN04	CUT 2 05AUG04	CUT 3 06OCT04		
NSO1DA	5214	4629	2323	12167	103
AC LONGVIEW	5104	4267	2496	11867	101
BEAVER	5359	4483	1964	11806	100
STARBUCK	4727	4161	2451	11339	96
STOCKWELL	4953	4003	2256	11212	95
AC BLUE J	4501	4524	2159	11183	95
NSO1M5	4884	3933	2039	10855	92
RANGELANDER	5034	3652	1372	10058	85
NSO1M7	4373	3693	1904	9970	84
LOSAP	3921	3430	2114	9464	80
RAMBLER	4524	3629	967	9119	77
Mean	4781	4037	2004	10822	
CV(%)	12.8	10.9	25.7	11.9	
LSD(0.05)	781	561	658	1644	

WFT ALFALFA 2001 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 14JUL04	CUT 2 24SEP04	CUT 3 .		
NSO1M5	3371	387	.	3759	121
RANGELANDER	3400	304	.	3705	120
AC LONGVIEW	2857	478	.	3336	108
RAMBLER	2875	313	.	3188	103
AC BLUE J	2731	450	.	3181	103
STOCKWELL	2675	493	.	3169	102
BEAVER	2706	388	.	3095	100
STARBUCK	2268	467	.	2736	88
NSO1M7	2228	423	.	2651	86
NSO1DA	2036	457	.	2493	81
LOSAP	2113	306	.	2420	78
Mean	2758	403	.	3161	
CV(%)	34.1	22.1	.	31.7	
LSD(0.05)	NS	128	.	NS	

\* Please note trial CV over 20 % \*

WFT ALFALFA 2001 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 29JUN04	CUT 2 20AUG04	CUT 3 .		
BEAVER	4771	4187	.	8958	100
RAMBLER	4697	3862	.	8559	96
AC LONGVIEW	4205	4173	.	8378	94
AC BLUE J	4229	4137	.	8366	93
RANGELANDER	4380	3673	.	8053	90
NSO1DA	4042	3881	.	7923	88
STOCKWELL	3957	3822	.	7779	87
NSO1M5	4043	3548	.	7591	85
STARBUCK	3789	3624	.	7413	83
NSO1M7	3553	3565	.	7118	79
LOSAP	3361	3443	.	6804	76
Mean	4093	3810	.	7903	
CV(%)	10.6	10.7	.	8.6	
LSD(0.05)	630	591	.	990	

WFT ALFALFA 2001 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 25JUN04	CUT 2 16AUG04	CUT 3 .		
STARBUCK	2011	9217	.	11227	109
AC BLUE J	2543	7894	.	10436	102
BEAVER	1720	8538	.	10258	100
AC LONGVIEW	2132	7978	.	10110	99
STOCKWELL	1887	8141	.	10028	98
NSO1M5	1919	7704	.	9622	94
RANGELANDER	2017	7292	.	9309	91
NSO1M7	1630	7583	.	9213	90
NSO1DA	1513	7590	.	9103	89
RAMBLER	2088	6834	.	8934	87
LOSAP	1152	6475	.	7627	74
Mean	1868	7765	.	9634	
CV(%)	44.0	14.2	.	17.3	
LSD(0.05)	1195	1610	.	2434	

WFT ALFALFA 2001 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 29JUN04	CUT 2 08AUG04	CUT 3 09OCT04		
NSO1M5	4904	2967	1403	9274	106
STOCKWELL	4739	2703	1576	9018	103
AC LONGVIEW	4617	2876	1317	8809	101
RAMBLER	4491	3028	1286	8805	101
NSO1DA	4420	2949	1367	8735	100
BEAVER	4319	3117	1292	8728	100
NSO1M7	4806	2602	1249	8657	99
AC BLUE J	4148	2806	1459	8413	96
RANGELANDER	4321	2550	1471	8343	96
STARBUCK	4327	2591	1249	8167	94
LOSAP	3403	2857	1071	7331	84
Mean	4409	2822	1340	8571	
CV(%)	11.0	13.3	22.5	9.1	
LSD(0.05)	697	541	435	1129	

WFT ALFALFA 2001 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 16JUL04	CUT 2 24AUG04	CUT 3 .		
BEAVER	8010	4184	.	12194	100
STARBUCK	7540	4134	.	11675	96
AC LONGVIEW	7274	4241	.	11514	94
STOCKWELL	7384	3950	.	11467	94
RANGELANDER	7249	3833	.	11082	91
NSO1M7	6819	4107	.	10926	90
RAMBLER	7425	3474	.	10899	89
AC BLUE J	7093	3767	.	10860	89
NSO1M5	6823	3926	.	10749	88
LOSAP	6481	3696	.	10177	83
NSO1DA	6171	3860	.	10031	82
Mean	7115	3925	.	11052	
CV(%)	17.3	15.7	.	13.6	
LSD(0.05)	1781	889	.	2168	

WFT ALFALFA 2001 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 12JUL04	CUT 2 17AUG04	CUT 3 .		
NSO1M5	4904	2967	.	7870	106
RAMBLER	4491	3028	.	7520	101
AC LONGVIEW	4617	2876	.	7492	101
STOCKWELL	4739	2703	.	7442	100
BEAVER	4319	3117	.	7436	100
NSO1M7	4806	2602	.	7409	100
NSO1DA	4420	2949	.	7369	99
AC BLUE J	4148	2806	.	6953	94
STARBUCK	4327	2591	.	6918	93
RANGELANDER	4321	2550	.	6871	92
LOSAP	3403	2857	.	6260	84
Mean	4409	2822	.	7231	
CV(%)	11.0	13.3	.	9.4	
LSD(0.05)	697	541	.	982	



WFT ALFALFA 2002 LETHBRIDGE AB Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 22JUN04	CUT 2 04AUG04	CUT 3 05OCT04		
DS234	4989	3305	1028	9322	112
DS235	4892	3329	1028	9249	111
AC BLUE J	4400	3440	946	8786	106
54Q25	4392	2979	997	8368	101
BEAVER	5030	3082	204	8315	100
DS233	4246	3218	753	8217	99
DS236	4053	3233	743	8029	97
RAMBLER	4795	2185	133	7112	86
RANGELANDER	4432	2320	306	7057	85
NS02CK	3802	2638	590	7030	85
55V05	3335	2852	784	6970	84
LRC01CR	3972	2328	255	6555	79
Mean	4361	2909	647	7917	
CV(%)	15.6	14.7	48.6	13.7	
LSD(0.05)	976	613	453	1556	

WFT ALFALFA 2002 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 23JUN04	CUT 2 06AUG04	CUT 3 25OCT04		
DS234	5177	4713	2621	12510	126
LRC01CR	5425	4677	2260	12361	124
DS235	5705	4303	2316	12324	124
NS02CK	5309	4608	2344	12260	123
54Q25	5152	4598	2496	12246	123
55V05	4996	4497	2247	11740	118
DS236	5094	4526	2011	11631	117
AC BLUE J	5292	4461	1775	11529	116
DS233	4632	4425	2177	11235	113
RANGELANDER	5384	4282	777	10442	105
RAMBLER	5326	4059	804	10189	102
BEAVER	5177	3908	860	9945	100
Mean	5222	4421	1890	11534	
CV(%)	7.9	9.5	21.6	8.0	
LSD(0.05)	NS	NS	588	1323	

WFT ALFALFA 2002 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 25JUN04	CUT 2 03SEP04	CUT 3 .		
54Q25	2570	1234	.	3804	132
AC BLUE J	2741	1055	.	3796	132
RAMBLER	2736	980	.	3715	129
55V05	2339	1360	.	3698	128
NS02CK	2365	1319	.	3683	128
DS233	2355	1310	.	3665	127
DS236	2296	1288	.	3584	124
DS235	2170	1187	.	3356	116
DS234	2114	1111	.	3225	112
RANGELANDER	2323	883	.	3205	111
LRC01CR	2144	852	.	2995	104
BEAVER	1991	891	.	2882	100
Mean	2345	1122	.	3467	
CV(%)	15.2	17.7	.	14.4	
LSD(0.05)	NS	286	.	NS	

WFT ALFALFA 2002 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 28JUN04	CUT 2 08SEP04	CUT 3 .		
RANGELANDER	3560	3322	.	6882	107
BEAVER	3348	3106	.	6454	100
RAMBLER	3165	3019	.	6184	96
LRC01CR	2721	3132	.	5853	91
54Q25	2557	3260	.	5817	90
NS02CK	2417	3218	.	5635	87
DS235	2628	2991	.	5619	87
DS234	2470	3072	.	5542	86
AC BLUE J	2524	2999	.	5523	86
DS233	2538	2894	.	5432	84
55V05	2330	2948	.	5278	82
DS236	2267	2862	.	5129	79
Mean	2710	3068	.	5779	
CV(%)	8.9	8.1	.	7.3	
LSD(0.05)	350	359	.	610	

WFT ALFALFA 2002 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 29JUN04	CUT 2 08AUG04	CUT 3 08OCT04	TOTAL	
BEAVER	3512	2017	2013	7542	100
DS234	3147	1954	2217	7318	97
DS235	3285	2080	1931	7296	97
AC BLUE J	2894	2186	2204	7284	97
NS02CK	3149	1932	2166	7248	96
RAMBLER	3643	1887	1641	7170	95
DS236	3280	1939	1918	7136	95
55V05	3382	1908	1788	7077	94
54Q25	3581	1742	1743	7067	94
RANGELANDER	3589	1925	1529	7043	93
LRC01CR	2937	2119	1730	6786	90
DS233	3449	1767	1505	6719	89
Mean	3321	1955	1865	7140	
CV(%)	11.8	16.7	14.2	8.4	
LSD(0.05)	562	469	381	865	

WFT ALFALFA 2002 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 16JUL04	CUT 2 24AUG04	CUT 3 .	TOTAL	
RANGELANDER	8687	4567	.	13254	120
DS236	8025	5008	.	13033	118
55V05	8741	4132	.	13031	118
DS234	7590	4863	.	12350	112
54Q25	7842	4445	.	12288	112
DS233	7598	4241	.	11839	107
RAMBLER	8040	3684	.	11724	106
DS235	7304	4416	.	11719	106
NS02CK	7152	4336	.	11488	104
BEAVER	6816	4199	.	11016	100
LRC01CR	6998	3964	.	10962	100
AC BLUE J	6934	3894	.	10828	98
Mean	7644	4312	.	11961	
CV(%)	14.9	15.6	.	10.9	
LSD(0.05)	1639	971	.	1878	

## WFT ALFALFA 2002 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 12JUL04	CUT 2 17AUG04	CUT 3 .		
RANGELANDER	4928	3612	.	8539	112
DS235	4442	3729	.	8171	107
54Q25	4665	3460	.	8125	107
DS236	4655	3456	.	8112	107
DS233	4912	3090	.	8001	105
LRC01CR	4313	3400	.	7713	101
55V05	4606	3103	.	7709	101
NS02CK	4182	3524	.	7705	101
AC BLUE J	4280	3369	.	7650	101
BEAVER	4419	3187	.	7606	100
RAMBLER	4106	3480	.	7586	100
DS234	4188	4003	.	7333	96
Mean	4475	3451	.	7854	
CV(%)	13.8	10.7	.	9.4	
LSD(0.05)	885	530	.	1062	

## WFT ALFALFA 2003 LETHBRIDGE AB Area-2

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 22JUN04	CUT 2 03AUG04	CUT 3 04OCT04		
DS 335	5335	3869	2941	12145	107
RAMBLER	5720	3974	1890	11585	102
DS 336	5673	3636	2213	11522	102
BEAVER	6085	3650	1613	11348	100
DS 337	4944	4285	2102	11331	100
3M49	5066	3876	2259	11200	99
AC BLUE J	4762	3974	2130	10866	96
54V46	4640	3742	1899	10281	91
SW LU8407	4579	4144	1466	10189	90
RANGELANDER	4464	2972	719	8156	72
Mean	5127	3812	1923	10862	
CV(%)	14.7	17.2	31.1	14.7	
LSD(0.05)	NS	NS	869	NS	

WFT ALFALFA 2003 VEGREVILLE AB Area-3

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 19JUL04	CUT 2 .	CUT 3 .		
SW LU8407	7323	.	.	7323	125
DS234	7227	.	.	7227	124
RAMBLER	7220	.	.	7220	124
3M49	6891	.	.	6891	118
DS235	6855	.	.	6855	117
RANGELANDER	6833	.	.	6833	117
DS 337	6554	.	.	6554	112
AC BLUE J	6419	.	.	6419	110
54Q25	6305	.	.	6305	108
DS236	6228	.	.	6228	107
DS 335	6206	.	.	6206	106
NS02CK	6004	.	.	6004	103
DS233	6003	.	.	6003	103
DS 336	5993	.	.	5993	103
54V46	5901	.	.	5901	101
BEAVER	5839	.	.	5839	100
LRC01CR	5362	.	.	5362	92
Mean	6421	.	.	6421	
CV(%)	14.4	.	.	14.4	
LSD(0.05)	NS	.	.	NS	

WFT ALFALFA 2003 WESTLOCK AB Area-4

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 30JUN04	CUT 2 16AUG04	CUT 3 .		
RAMBLER	3787	5880	.	9668	113
NS02CK	4004	5583	.	9587	112
DS236	3927	5355	.	9281	109
RANGELANDER	4207	4986	.	9194	108
DS 336	3297	5843	.	9140	107
DS234	3633	5300	.	8933	105
DS235	3568	5188	.	8756	103
AC BLUE J	3463	5103	.	8566	100
BEAVER	3398	5129	.	8526	100
LRC01CR	3311	5144	.	8455	99
DS233	4042	4391	.	8433	99
DS 337	3410	4953	.	8363	98
DS 335	3433	4539	.	7972	93
54Q25	3364	4604	.	7968	93
SW LU8407	3377	4496	.	7873	92
3M49	3382	3937	.	7318	86
54V46	3094	4060	.	7154	84
Mean	3570	4970	.	8540	
CV(%)	15.3	4.7	.	7.4	
LSD(0.05)	NS	334	.	895	

WFT ALFALFA 2003 BROOKS AB Area-IRR

VARIETY	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 24JUN04	CUT 2 04AUG04	CUT 3 15SEP04	TOTAL	
LRC01CR	9030	5917	2931	17878	105
54Q25	8366	5702	3785	17854	104
DS 336	8210	5661	3660	17531	102
BEAVER	8484	5585	3035	17104	100
NS02CK	7969	5747	3387	17103	100
DS236	7306	6062	3705	17072	100
RAMBLER	9504	5178	2388	17071	100
DS 335	8167	5367	3510	17044	100
DS235	8213	5200	3547	16960	99
DS234	7736	5360	3704	16800	98
AC BLUE J	7707	5376	3688	16771	98
RANGELANDER	8969	5473	2183	16626	97
DS233	7610	5202	3425	16237	95
SW LU8407	7646	5244	3201	16091	94
3M49	6991	5484	3348	15822	93
54V46	7445	4884	3346	15675	92
DS 337	7548	4629	3347	15523	91
Mean	8053	5416	3305	16774	
CV(%)	12.3	10.4	8.8	7.3	
LSD(0.05)	NS	NS	414	NS	

WFT ALFALFA 2003 LETHBRIDGE AB Area-IRR

VARIETY	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 24JUN04	CUT 2 05AUG04	CUT 3 06OCT04	TOTAL	
SW LU8407	7349	5443	3339	16130	115
AC BLUE J	6949	4696	3339	14983	107
BEAVER	7043	4122	2829	13994	100
DS 336	6171	4128	3540	13839	99
3M49	6505	3962	3308	13775	98
DS 337	6033	4165	3424	13622	97
DS 335	6527	3431	2922	12880	92
54V46	6113	3406	3331	12850	92
RAMBLER	6971	3851	1971	12792	91
RANGELANDER	6484	3875	2071	12430	89
Mean	6614	4108	3007	13729	
CV(%)	8.9	15.5	12.6	8.1	
LSD(0.05)	851	923	550	1613	

WFT ALFALFA 2003 SWIFT CURRENT SK Area-1

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 15JUL04	CUT 2 21SEP04	CUT 3 .		
RAMBLER	5272	784	.	6057	111
SC L30001	4971	875	.	5847	107
RANGELANDER	4711	898	.	5610	103
BEAVER	4337	1126	.	5463	100
AC BLUE J	4312	1040	.	5352	98
DS 336	3733	1298	.	5031	92
3M49	3726	1185	.	4911	90
DS 335	3812	1054	.	4866	89
DS 337	3608	1128	.	4736	87
54V46	3534	1053	.	4588	84
SW LU8407	3235	950	.	4185	77
Mean	4114	1036	.	5150	
CV(%)	10.5	14.1	.	9.7	
LSD(0.05)	624	210	.	721	

WFT ALFALFA 2003 SASKATOON SK Area-2

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 13JUL04	CUT 2 08SEP04	CUT 3 .		
RANGELANDER	4057	2830	.	6887	100
BEAVER	3504	3365	.	6869	100
54V46	3619	3217	.	6836	100
RAMBLER	3812	3023	.	6835	100
3M49	3583	3124	.	6707	98
DS 335	3586	3054	.	6640	97
AC BLUE J	3543	3045	.	6588	96
DS 337	3337	3107	.	6444	94
SC L30001	3540	2600	.	6140	89
DS 336	3039	2915	.	5954	87
SW LU8407	2907	2748	.	5655	82
Mean	3502	3002	.	6505	
CV(%)	11.4	8.8	.	8.1	
LSD(0.05)	582	384	.	759	



WFT ALFALFA 2003 NIPAWIN SK Area-4

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 12JUL04	CUT 2 30SEP04	CUT 3 .		
RAMBLER	7129	3609	.	10738	109
BEAVER	6542	3324	.	9866	100
SC L30001	6348	3064	.	9412	95
RANGELANDER	6243	2622	.	8865	90
DS 337	2992	3332	.	6324	64
3M49	3360	2477	.	5837	59
DS 335	2569	3172	.	5741	58
54V46	2406	2942	.	5348	54
DS 336	2086	2846	.	4932	50
SW LU8407	1855	2475	.	4331	44
AC BLUE J	.	.	.	.	.
Mean	4153	2986	.	7139	
CV(%)	20.0	21.0	.	17.0	
LSD(0.05)	1235	NS	.	1800	

WFT ALFALFA 2003 OUTLOOK SK Area-IRR

VARIETY	2004 DM YIELD KG/HA			TOTAL	% OF BEAVER
	CUT 1 02JUL04	CUT 2 16AUG04	CUT 3 .		
3M49	7708	8039	.	15747	114
DS 337	6736	8698	.	15435	112
RANGELANDER	7720	7232	.	14952	109
DS 336	6029	8593	.	14623	106
54V46	6504	8011	.	14514	105
AC BLUE J	6420	7802	.	14222	103
RAMBLER	7425	6544	.	13968	101
BEAVER	6465	7316	.	13780	100
SW LU8407	6082	7608	.	13691	99
DS 335	5714	7172	.	12886	94
Mean	6680	7701	.	14382	
CV(%)	10.0	12.8	.	8.3	
LSD(0.05)	974	1432	.	1743	

WFT ALFALFA 2003 ARBORG MB Area-3

VARIETY	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 29JUN04	CUT 2 08AUG04	CUT 3 08OCT04	TOTAL	
DS 335	5197	2274	4544	12014	104
54V46	5290	2024	4612	11926	104
BEAVER	5398	2035	4063	11497	100
AC BLUE J	5054	2032	4214	11299	98
DS 336	5153	2118	3911	11181	97
RAMBLER	5537	2387	4379	10701	93
RANGELANDER	5508	1997	3182	10687	93
DS 337	4928	1948	3700	10575	92
SW LU8407	5260	2078	2963	10300	90
3M49	4560	2187	4639	10176	89
Mean	5188	2108	4021	11035	
CV(%)	5.7	13.0	10.7	11.1	
LSD(0.05)	429	397	625	1776	

WFT ALFALFA 2003 ST. PIERRE MB Area-3

VARIETY	2004 DM YIELD KG/HA				% OF BEAVER
	CUT 1 12JUL04	CUT 2 17AUG04	CUT 3 05OCT04	TOTAL	
AC BLUE J	6161	4113	1691	11964	106
SW LU8407	5780	4108	1929	11817	105
BEAVER	5557	4120	1615	11292	100
DS 337	5072	4745	2693	11222	99
RANGELANDER	5603	4232	1158	10992	97
3M49	5246	3675	1742	10662	94
54V46	5026	3715	1833	10573	94
RAMBLER	4963	4025	1181	10169	90
DS 335	4752	3961	1440	10153	90
DS 336	4717	4201	2120	9981	88
Mean	5287	4089	1740	10882	
CV(%)	13.3	9.1	20.2	13.2	
LSD(0.05)	1021	543	509	2089	

WFT CICER MILKVETCH 2002 LETHBRIDGE AB Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 14JUL04	CUT 2 04OCT04	CUT 3 .		
LRC94-1	4678	1600	.	6278	129
OXLEY	3802	1077	.	4879	100
Mean	4240	1338	.	5578	
CV(%)	6.3	13.6	.	6.6	

WFT CICER MILKVETCH 2002 VEGREVILLE AB Area-3  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 19JUL04	CUT 2 .	CUT 3 .		
LRC94-1	4800	.	.	4800	107
OXLEY	4476	.	.	4476	100
Mean	4638	.	.	4638	
CV(%)	12.9	.	.	12.9	

WFT CICER MILKVETCH 2002 FORT KENT AB Area-4  
( seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
LRC94-1	3877	.	.	3877	168
OXLEY	2305	.	.	2305	100
Mean	3091	.	.	3091	
CV(%)	21.0	.	.	21.0	

\* Please note trial CV over 20 5 \*

WFT CICER MILKVETCH 2002 WESTLOCK AB Area-4  
(SEEDED 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 30JUN04	CUT 2 16AUG04	CUT 3 .		
LRC94-1	2934	6475	.	9410	161
OXLEY	2147	3714	.	5860	100
Mean	2540	5094	.	7635	
CV(%)	12.4	5.3	.	5.9	

WFT CICER MILKVETCH 2002 BROOKS AB Area-IRR  
(SEEDED 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 23JUN04	CUT 2 04AUG04	CUT 3 .		
LRC94-1	5702	3434	.	9136	109
OXLEY	5497	2911	.	8408	100
Mean	5599	3173	.	8772	
CV(%)	8.9	6.1	.	5.6	

WFT CICER MILKVETCH 2002 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 13JUL04	CUT 2 08OCT04	CUT 3 .		
LRC94-1	5308	1249	.	6557	130
OXLEY	4195	856	.	5051	100
Mean	4751	1053	.	5804	
CV(%)	7.1	9.6	.	7.1	

WFT CICER MILKVETCH 2002 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 28JUN04	CUT 2 16SEP04	CUT 3 .		
LRC94-1	1922	1309	.	3231	131
OXLEY	1689	775	.	2464	100
Mean	1805	1042	.	2847	
CV(%)	2.7	16.7	.	7.1	

WFT CICER MILKVETCH 2002 OUTLOOK SK Area-IRR  
(SEEDED 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 28JUN04	CUT 2 12AUG04	CUT 3 .		
OXLEY	3917	5097	.	9015	100
LRC94-1	2224	5103	.	7326	81
Mean	3070	5100	.	8171	
CV(%)	23.2	3.6	.	10.5	

WFT CICER MILKVETCH 2002 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
LRC94-1	2056	1448	.	3504	102
OXLEY	2033	1417	.	3451	100
Mean	2045	1417	.	3478	
CV(%)	8.1	12.6	.	8.9	

WFT CICER MILKVETCH 2002 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF OXLEY
	CUT 1 05JUL04	CUT 2 18AUG04	CUT 3 .		
OXLEY	4513	817	.	5330	100
LRC94-1	4209	1090	.	5298	99
Mean	4361	953	.	5314	
CV(%)	7.2	8.3	.	4.8	

WFT BROMEGRASS 2001 LETHBRIDGE AB Area-2  
(SEEDED 2002)

CULTIVAR	2004 DM YIELD KG/HA				% OF CARLTON
	CUT 1 21JUN04	CUT 2 .	CUT 3 .	TOTAL	
FLEET (M)	7254	.	.	7254	140
AC ROCKET (S)	6957	.	.	6957	134
CARLTON (S)	5187	.	.	5187	100
95MB-2 (M)	5163	.	.	5163	100
Mean	6140	.	.	6140	
CV(%)	23.5	.	.	23.5	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20 % \*

WFT BROMEGRASS 2001 VEGREVILLE AB Area-3

CULTIVAR	2004 DM YIELD KG/HA				% OF CARLTON
	CUT 1 16JUL04	CUT 2 .	CUT 3 .	TOTAL	
AC ROCKET (S)	6279	.	.	6279	123
FLEET (M)	5402	.	.	5402	106
CARLTON (S)	5091	.	.	5091	100
95MB-2 (M)	4509	.	.	4509	89
Mean	5320	.	.	5320	
CV(%)	15.9	.	.	15.9	
LSD(0.05)	NS	.	.	NS	

M - MEADOW  
S - SMOOTH

WFT BROMEGRASS 2001 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA				% OF CARLTON
	CUT 1 23JUN04	CUT 2 14SEP04	CUT 3 .	TOTAL	
AC ROCKET (S)	11015	8711	.	19725	114
CARLTON (S)	9760	7498	.	17258	100
FLEET (M)	9621	5219	.	14840	86
95MB-2 (M)	9305	5527	.	14831	86
Mean	9925	6739	.	16664	
CV(%)	19.5	9.6	.	12.7	
LSD(0.05)	NS	1029	.	3392	

WFT BROMEGRASS 2001 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA				% OF CARLTON
	CUT 1 22JUN04	CUT 2 21SEP04	CUT 3 .	TOTAL	
AC ROCKET (S)	7060	3355	.	10415	105
CARLTON (S)	7618	2316	.	9934	100
95MB-2 (M)	6086	3257	.	9343	94
FLEET (M)	5650	3650	.	9300	94
Mean	6604	3144	.	9748	
CV(%)	21.1	22.0	.	17.1	
LSD(0.05)	NS	953	.	NS	

M - MEADOW  
S - SMOOTH



WFT MEADOW BROMEGRASS 2001 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 13JUL04	CUT 2 .	CUT 3 .		
FLEET	2749	.	.	2749	100
95MB-2	2641	.	.	2641	96
Mean	2695	.	.	2695	
CV(%)	15.5	.	.	15.5	

WFT MEADOW BROMEGRASS 2001 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 29JUN04	CUT 2 15SEP04	CUT 3 .		
FLEET	2477	1074	.	3551	100
95MB-2	2368	1159	.	3526	99
Mean	2422	1116	.	3538	
CV(%)	16.7	13.9	.	11.4	

WFT MEADOW BROMEGRASS 2001 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 25JUN04	CUT 2 27AUG04	CUT 3 .		
95MB-2	11389	4376	.	15766	130
FLEET	8209	3952	.	12161	100
Mean	9799	4164	.	13963	
CV(%)	24.7	29.7	.	18.0	

WFT MEADOW BROMEGRASS 2001 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
95MB-2	6140	2865	.	9005	107
FLEET	5727	2652	.	8379	100
Mean	5924	2749	.	8683	
CV(%)	10.3	5.6	.	8.5	

WFT MEADOW BROMEGRASS 2001 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
FLEET	5804	.	.	5804	100
95MB-2	5485	.	.	5485	95
Mean	5644	.	.	5644	
CV(%)	5.2	.	.	5.2	

WFT MEADOW BROMEGRASS 2001 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF FLEET
	CUT 1 12JUL04	CUT 2 .	CUT 3 .		
95MB-2	945	.	.	945	104
FLEET	909	.	.	909	100
Mean	927	.	.	927	
CV(%)	7.6	.	.	7.6	

WFT SMOOTH BROMEGRASS 2001 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 13JUL04	CUT 2 .	CUT 3 .		
CARLTON	5360	.	.	5360	100
AC ROCKET	4400	.	.	4400	82
Mean	4880	.	.	4880	
CV(%)	15.5	.	.	15.5	

WFT SMOOTH BROMEGRASS 2001 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 29JUN04	CUT 2 15SEP04	CUT 3 .		
AC ROCKET	3319	628	.	3947	112
CARLTON	3084	453	.	3536	100
Mean	3201	540	.	3741	
CV(%)	20.1	29.8	.	19.9	

WFT SMOOTH BROMEGRASS 2001 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 25JUN04	CUT 2 27AUG04	CUT 3 .		
AC ROCKET	13341	5380	.	18721	113
CARLTON	11620	4914	.	16533	100
Mean	12480	5147	.	17627	
CV(%)	11.2	20.6	.	2.7	

WFT SMOOTH BROMEGRASS 2001 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
AC ROCKET	4877	2085	.	6961	104
CARLTON	4501	2178	.	6680	100
Mean	4680	2122	.	6811	
CV(%)	12.6	19.9	.	11.4	

WFT SMOOTH BROMEGRASS 2001 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
CARLTON	8421	.	.	8421	100
AC ROCKET	7947	.	.	7947	94
Mean	8184	.	.	8184	
CV(%)	2.1	.	.	2.1	

WFT SMOOTH BROMEGRASS 2001 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CARLTON
	CUT 1 29JUN04	CUT 2 .	CUT 3 .		
AC ROCKET	1970	.	.	1970	111
CARLTON	1781	.	.	1781	100
Mean	1876	.	.	1876	
CV(%)	4.2	.	.	4.2	

WFT TALL FESCUE 2001 LETHBRIDGE AB Area-2  
(seeded 2002)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 24JUN04	CUT 2 05OCT04	CUT 3 .		
MAXIMIZE	2719	1178	.	3897	103
COURTENAY	3398	393	.	3791	100
Mean	3058	785	.	3844	
CV(%)	9.6	35.8	.	11.6	

WFT TALL FESCUE 2001 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 23JUN04	CUT 2 14SEP04	CUT 3 .		
COURTENAY	8526	6247	.	14774	100
MAXIMIZE	4180	4720	.	8900	60
Mean	6353	5484	.	11837	
CV(%)	13.9	1.9	.	7.6	

WFT TALL FESCUE 2001 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 22JUN04	CUT 2 21SEP04	CUT 3 .		
MAXIMIZE	6689	2000	.	8689	107
COURTENAY	5736	2362	.	8098	100
Mean	6213	2181	.	8394	
CV(%)	16.5	24.2	.	14.4	

WFT TALL FESCUE 2001 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 06JUL04	CUT 2 19AUG04	CUT 3 .		
COURTENAY	7996	5875	.	13872	100
MAXIMIZE	3838	5700	.	9538	69
Mean	5917	5788	.	11705	
CV(%)	52.4	10.9	.	24.7	

\* Please note trial CV over 20 % \*

WFT TALL FESCUE 2001 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
COURTENAY	1317	.	.	1317	100
MAXIMIZE	1303	.	.	1303	99
Mean	1310	.	.	1310	
CV(%)	25.6	.	.	25.6	

\* Please note trial CV over 20 % \*

WFT TALL FESCUE 2003 VEGREVILLE AB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 19JUL04	CUT 2 .	CUT 3 .		
UMTF	3360	.	.	3360	112
COURTENAY	2992	.	.	2992	100
TF 10111	2311	.	.	2311	77
Mean	2887	.	.	2887	
CV(%)	22.8	.	.	22.8	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20 % \*

WFT TALL FESCUE 2003 FORT KENT AB Area-4

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
COURTENAY	2475	.	.	2475	100
UMTF	2126	.	.	2126	86
TF 10111	440	.	.	440	18
Mean	1681	.	.	1681	
CV(%)	34.4	.	.	34.4	
LSD(0.05)	1000	.	.	1000	

\* Please note trial CV over 20 % \*

WFT TALL FESCUE 2003 WESTLOCK AB Area-4

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 30JUN04	CUT 2 17AUG04	CUT 3 .		
COURTENAY	3661	6164	.	9825	100
UMTF	3776	5589	.	9365	95
TF 10111	2056	4407	.	6463	66
Mean	3164	5387	.	8551	
CV(%)	15.1	4.0	.	7.5	
LSD(0.05)	825	370	.	1104	

WFT TALL FESCUE 2003 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 23JUN04	CUT 2 14SEP04	CUT 3 .		
COURTENAY	11624	9014	.	20639	100
UMTF	11897	8648	.	20545	100
TF 10111	2370	6804	.	9173	44
Mean	8630	8155	.	16786	
CV(%)	5.2	7.9	.	3.9	
LSD(0.05)	777	1109	.	1135	

WFT TALL FESCUE 2003 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 23JUN04	CUT 2 20SEP04	CUT 3 .		
COURTENAY	9441	10687	.	20129	100
UMTF	9024	10276	.	19300	96
TF 10111	8097	9110	.	17207	85
Mean	8854	10024	.	18878	
CV(%)	18.1	7.7	.	10.4	
LSD(0.05)	NS	1121	.	NS	



WFT TALL FESCUE 2003 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 13JUL04	CUT 2 .	CUT 3 .		
UMTF	5297	.	.	5297	123
COURTENAY	4308	.	.	4308	100
TF 10111	2367	.	.	2367	55
Mean	3991	.	.	3991	
CV(%)	15.8	.	.	15.8	
LSD(0.05)	1091	.	.	1091	

WFT TALL FESCUE 2003 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 28JUN04	CUT 2 19AUG04	CUT 3 .		
UMTF	5364	5150	.	10514	101
COURTENAY	4647	5798	.	10444	100
TF 10111	731	4440	.	5171	50
Mean	3581	5129	.	8710	
CV(%)	21.9	16.9	.	7.5	
LSD(0.05)	1360	1505	.	1133	

WFT TALL FESCUE 2003 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
UMTF	4690	8245	.	12935	103
COURTENAY	4528	8037	.	12564	100
TF 10111	3073	5238	.	8311	66
Mean	4097	7173	.	11270	
CV(%)	13.3	13.7	.	11.9	
LSD(0.05)	945	1700	.	2310	

WFT TALL FESCUE 2003 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF COURTENAY
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
UMTF	4055	.	.	4055	113
COURTENAY	3603	.	.	3603	100
TF 10111	2625	.	.	2625	73
Mean	3428	.	.	3428	
CV(%)	14.6	.	.	14.6	
LSD(0.05)	866	.	.	866	

WFT ORCHARD GRASS 2002 VEGREVILLE AB Area-3  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 19JUL04	CUT 2	CUT 3		
SOG01	6032	.	.	6032	117
AC KILLARNEY	5869	.	.	5869	114
KAY	5141	.	.	5141	100
Mean	5681	.	.	5681	
CV(%)	7.9	.	.	7.9	
LSD(0.05)	NS	.	.	NS	

WFT ORCHARD GRASS 2002 FORT KENT AB Area-4  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 15JUL04	CUT 2	CUT 3		
SOG01	5220	.	.	5220	157
AC KILLARNEY	4204	.	.	4204	127
KAY	3316	.	.	3316	100
Mean	4247	.	.	4247	
CV(%)	16.0	.	.	16.0	
LSD(0.05)	1175	.	.	1175	

WFT ORCHARD GRASS 2002 WESTLOCK AB Area-4  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 01JUL04	CUT 2 17AUG04	CUT 3		
KAY	3720	3712	.	7432	100
AC KILLARNEY	4037	3362	.	7399	100
SOG01	3946	3253	.	7200	97
Mean	3901	3443	.	7344	
CV(%)	6.3	10.5	.	5.0	
LSD(0.05)	NS	NS	.	NS	

WFT ORCHARD GRASS 2002 BROOKS AB Area-IRR  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 23JUN04	CUT 2 14SEP04	CUT 3 .		
KAY	11986	6272	.	18258	100
SOG01	12165	5377	.	17543	96
AC KILLARNEY	9218	5591	.	14808	81
Mean	11123	5747	.	16869	
CV(%)	15.5	15.0	.	10.6	
LSD(0.05)	NS	NS	.	NS	

WFT ORCHARD GRASS 2002 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 24JUN04	CUT 2 .	CUT 3 .		
AC KILLARNEY	3643	.	.	3643	106
KAY	3430	.	.	3430	100
SOG01	2789	.	.	2789	81
Mean	3287	.	.	3287	
CV(%)	28.0	.	.	28.0	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20 % \*

WFT ORCHARD GRASS 2002 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 25JUN04	CUT 2 .	CUT 3 .		
KAY	886	.	.	886	100
SOG01	708	.	.	708	80
AC KILLARNEY	705	.	.	705	80
Mean	766	.	.	766	
CV(%)	29.7	.	.	29.7	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20 % \*

WFT ORCHARD GRASS 2002 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 28JUN04	CUT 2 16SEP04	CUT 3 .		
SOG01	2960	778	.	3738	119
AC KILLARNEY	2855	829	.	3684	117
KAY	2282	857	.	3139	100
Mean	2699	821	.	3520	
CV(%)	5.7	15.6	.	7.2	
LSD(0.05)	267	222	.	439	

WFT ORCHARD GRASS 2002 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 28JUN04	CUT 2 19AUG04	CUT 3 .		
SOG01	7760	5790	.	13549	122
AC KILLARNEY	7408	5827	.	13236	119
KAY	4665	6429	.	11094	100
Mean	6611	6015	.	12626	
CV(%)	45.2	14.9	.	22.4	
LSD(0.05)	5178	1554	.	4911	

\* Please note trial CV over 20 % \*

WFT ORCHARD GRASS 2002 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 14JUL04	CUT 2	CUT 3		
AC KILLARNEY	5165	.	.	5165	110
SOG01	5094	.	.	5094	109
KAY	4685	.	.	4685	100
Mean	4981	.	.	4981	
CV(%)	13.0	.	.	13.0	
LSD(0.05)	1122	.	.	1122	

WFT ORCHARD GRASS 2002 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 16JUL04	CUT 2	CUT 3		
AC KILLARNEY	3716	.	.	3716	135
KAY	2761	.	.	2761	100
SOG01	2540	.	.	2540	92
Mean	3005	.	.	3005	
CV(%)	26.3	.	.	26.3	
LSD(0.05)	1365	.	.	1365	

• Please note trial CV over 20 % \*

WFT ORCHARD GRASS 2002 ST. PIERRE MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF KAY
	CUT 1 12JUL04	CUT 2	CUT 3		
SOG01	1528	.	.	1528	129
AC KILLARNEY	1447	.	.	1447	123
KAY	1180	.	.	1180	100
Mean	1385	.	.	1385	
CV(%)	16.1	.	.	16.1	
LSD(0.05)	385	.	.	385	

WFT TIMOTHY 2000 VEGREVILLE AB Area-3  
(seeded 2001)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 20JUL04	CUT 2 .	CUT 3 .		
BOR 94372	4357	.	.	4357	104
CLIMAX	4207	.	.	4207	100
TIMPRO	3964	.	.	3964	94
PCQX-39	3919	.	.	3919	93
TOPI	3837	.	.	3837	91
MOTIM	3836	.	.	3836	91
Mean	4020	.	.	4020	
CV(%)	11.8	.	.	11.8	
LSD(0.05)	NS	.	.	NS	

WFT TIMOTHY 2000 SASKATOON SK Area-2  
(seeded 2001)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 29JUN04	CUT 2 16SEP04	CUT 3 .		
CLIMAX	1625	1441	.	3066	100
TIMPRO	2114	836	.	2950	96
BOR 94372	2267	635	.	2902	95
TOPI	2040	800	.	2840	93
PCQX-39	1701	998	.	2699	88
MOTIM	1975	560	.	2535	83
Mean	1953	878	.	2831	
CV(%)	16.9	33.6	.	14.8	
LSD(0.05)	500	446	.	633	

WFT TIMOTHY 2001 VEGREVILLE AB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 15JUL04	CUT 2 .	CUT 3 .		
ALEXANDER	5309	.	.	5309	121
TUNDRA	4788	.	.	4788	109
LPHL 458	4666	.	.	4666	106
BARTIMO	4558	.	.	4558	104
CLIMAX	4401	.	.	4401	100
SAGUENAY	4340	.	.	4340	99
NIKLAS	4214	.	.	4214	96
JOLIETTE	4124	.	.	4124	94
EXPRESS	4093	.	.	4093	93
DOLINA	4080	.	.	4080	93
COLT	4066	.	.	4066	92
PROMESSE	4045	.	.	4045	92
HOKUO	4021	.	.	4021	91
BARNEE	3314	.	.	3314	75
Mean	4287	.	.	4287	
CV(%)	16.3	.	.	16.3	
LSD(0.05)	NS	.	.	NS	

WFT TIMOTHY 2001 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 23JUN04	CUT 2 .	CUT 3 .		
TUNDRA	9298	.	.	9298	121
DOLINA	8536	.	.	8536	111
EXPRESS	8079	.	.	8079	105
CLIMAX	7707	.	.	7707	100
LPHL 458	7267	.	.	7267	94
NIKLAS	6708	.	.	6708	87
BARTIMO	6439	.	.	6439	84
BARNEE	5234	.	.	5234	68
Mean	7408	.	.	7408	
CV(%)	12.4	.	.	12.4	
LSD(0.05)	1347	.	.	1347	



WFT TIMOTHY 2001 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 24JUN04	CUT 2 20SEP04	CUT 3 .		
DOLINA	3963	1602	.	5565	124
EXPRESS	3419	1429	.	4848	108
CLIMAX	3209	1274	.	4484	100
LPHL 458	3115	1265	.	4381	98
TUNDRA	3159	1165	.	4324	96
NIKLAS	2673	1429	.	4103	92
BARNEE	2811	1038	.	3849	86
BARTIMO	2695	919	.	3614	81
Mean	3131	1265	.	4396	
CV(%)	17.3	46.7	.	21.8	
LSD(0.05)	704	NS	.	NS	

\* Please note trial CV over 20 % \*

WFT TIMOTHY 2001 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 13JUL04	CUT 2 .	CUT 3 .		
CLIMAX	1891	.	.	1891	100
EXPRESS	1792	.	.	1792	95
LPHL 458	1556	.	.	1556	82
BARTIMO	1511	.	.	1511	80
DOLINA	1479	.	.	1479	78
TUNDRA	1434	.	.	1434	76
NIKLAS	1379	.	.	1379	73
BARNEE	1036	.	.	1036	55
Mean	1510	.	.	1510	
CV(%)	17.3	.	.	17.3	
LSD(0.05)	383	.	.	383	

## WFT TIMOTHY 2001 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 13JUL04	CUT 2 31AUG04	CUT 3 .		
DOLINA	9700	2569	.	12268	119
EXPRESS	9443	2708	.	12151	118
LPHL 458	8853	1900	.	10753	105
TUNDRA	8942	1628	.	10570	103
CLIMAX	8161	2110	.	10271	100
BARNEE	8956	811	.	9767	95
NIKLAS	8664	1060	.	9723	95
BARTIMO	8502	1133	.	9635	94
Mean	8902	1740	.	10642	
CV (%)	15.3	25.4	.	14.3	
LSD(0.05)	2013	652	.	2244	

WFT TIMOTHY 2001 ARBORG MB Area-3  
(seeded 2002)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 29JUN04	CUT 2 .	CUT 3 .		
EXPRESS	3757	.	.	3757	108
LPHL 458	3632	.	.	3632	104
CLIMAX	3481	.	.	3481	100
NIKLAS	3250	.	.	3250	93
BARTIMO	3210	.	.	3210	92
DOLINA	3086	.	.	3086	89
TUNDRA	2972	.	.	2972	85
BARNEE	2693	.	.	2693	77
Mean	3260	.	.	3260	
CV (%)	13.0	.	.	13.0	
LSD(0.05)	623	.	.	623	

WFT TIMOTHY 2001 NEEPAWA MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 15JUL04	CUT 2	CUT 3		
CLIMAX	3122	.	.	3122	100
TUNDRA	2588	.	.	2588	83
BARTIMO	2434	.	.	2434	78
NIKLAS	2384	.	.	2384	76
EXPRESS	2307	.	.	2307	74
LPHL 458	2306	.	.	2306	74
BARNEE	2143	.	.	2143	69
DOLINA	1928	.	.	1928	62
Mean	2448	.	.	2448	
CV (%)	29.2	.	.	29.2	
LSD(0.05)	1044	.	.	1044	

\* Please note trial CV over 20 % \*

WFT TIMOTHY 2001 ST. PIERRE MB Area-3  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 15JUL04	CUT 2	CUT 3		
BARNEE	5533	.	.	5533	102
EXPRESS	5454	.	.	5454	100
CLIMAX	5446	.	.	5446	100
DOLINA	5142	.	.	5142	94
TUNDRA	5142	.	.	5142	94
NIKLAS	5098	.	.	5098	94
LPHL 458	4878	.	.	4878	90
BARTIMO	4715	.	.	4715	87
Mean	5176	.	.	5176	
CV (%)	19.1	.	.	19.1	
LSD(0.05)	1455	.	.	1455	

WFT TIMOTHY 2002 VEGREVILLE AB Area-3  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 19JUL04	CUT 2	CUT 3		
NS02TY	6796	.	.	6796	112
JONATON	6496	.	.	6496	107
ALMA	6444	.	.	6444	106
45-214	6254	.	.	6254	103
CHARLTON	6166	.	.	6166	101
CLIMAX	6086	.	.	6086	100
Mean	6374	.	.	6374	
CV(%)	8.2	.	.	8.2	
LSD(0.05)	NS	.	.	NS	

WFT TIMOTHY 2002 WESTLOCK AB Area-4  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 03AUG04	CUT 2	CUT 3		
JONATON	8101	.	.	8101	102
CLIMAX	7934	.	.	7934	100
ALMA	7897	.	.	7897	100
45-214	7862	.	.	7862	99
NS02TY	7771	.	.	7771	98
CHARLTON	6618	.	.	6618	83
Mean	7697	.	.	7697	
CV(%)	3.3	.	.	3.3	
LSD(0.05)	377	.	.	377	

WFT TIMOTHY 2002 BROOKS AB Area-IRR  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 23JUN04	CUT 2 14SEP04	CUT 3 .		
45-214	12652	5350	.	18002	105
CLIMAX	12885	4201	.	17086	100
JONATON	10979	3103	.	14081	82
NS02TY	9418	4616	.	14033	82
ALMA	10221	3657	.	13878	81
CHARLTON	8849	3464	.	12312	72
Mean	10834	4065	.	14899	
CV(%)	10.8	8.6	.	7.7	
LSD(0.05)	1763	526	.	1735	

WFT TIMOTHY 2002 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 22JUN04	CUT 2 .	CUT 3 .		
NS02TY	3536	.	.	3536	135
JONATON	3219	.	.	3219	123
45-214	2843	.	.	2843	108
CHARLTON	2813	.	.	2813	107
CLIMAX	2625	.	.	2625	100
Mean	3007	.	.	3007	
CV(%)	30.0	.	.	30.0	
LSD(0.05)	NS	.	.	NS	

\* Please note trial CV over 20 % \*

WFT TIMOTHY 2002 SWIFT CURRENT SK Area-1

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 25JUN04	CUT 2 .	CUT 3 .		
45-214	1377	.	.	1377	127
NS02TY	1253	.	.	1253	116
CLIMAX	1084	.	.	1084	100
CHARLTON	714	.	.	714	66
JONATON	441	.	.	441	41
Mean	974	.	.	974	
CV(%)	23.5	.	.	23.5	
LSD(0.05)	353	.	.	353	

\* Please note trial CV over 20 % \*

WFT TIMOTHY 2002 SASKATOON SK Area-2

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 28JUN04	CUT 2 16SEP04	CUT 3 .		
45-214	3333	991	.	4324	129
NS02TY	3012	902	.	3914	117
CLIMAX	2415	942	.	3357	100
CHARLTON	1993	1238	.	3231	96
JONATON	2251	520	.	2771	83
Mean	2601	918	.	3519	
CV(%)	21.1	18.4	.	16.7	
LSD(0.05)	847	261	.	907	

WFT TIMOTHY 2002 OUTLOOK SK Area-IRR  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 09JUL04	CUT 2 27AUG04	CUT 3 .		
CLIMAX	11740	967	.	12708	100
45-214	10554	1887	.	12440	98
NS02TY	11327	1041	.	12369	97
JONATON	10971	1092	.	12063	95
CHARLTON	10542	704	.	11246	88
Mean	11027	1138	.	12165	
CV(%)	11.7	24.4	.	10.9	
LSD(0.05)	1988	429	.	2061	

WFT TIMOTHY 2002 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 29JUN04	CUT 2	CUT 3		
JONATON	4273	.	.	4273	108
CLIMAX	3942	.	.	3942	100
45-214	3872	.	.	3872	98
CHARLTON	3604	.	.	3604	91
NS02TY	3432	.	.	3432	87
Mean	3824	.	.	3824	
CV(%)	13.1	.	.	13.1	
LSD(0.05)	774	.	.	774	

WFT TIMOTHY 2002 ST. PIERRE MB Area-3  
(seeded 2003)

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF CLIMAX
	CUT 1 15JUL04	CUT 2	CUT 3		
45-214	5206	.	.	5206	110
JONATON	4769	.	.	4769	101
CLIMAX	4728	.	.	4728	100
CHARLTON	4700	.	.	4700	99
NS02TY	4348	.	.	4348	92
Mean	4750	.	.	4750	
CV(%)	19.8	.	.	19.8	
LSD(0.05)	774	.	.	774	

WFT ITALIAN RYEGRASS 2004 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF MARIS LEDGER
	CUT 1 04AUG04	CUT 2 14SEP04	CUT 3 .		
MARIS LEDGER	6089	5789	.	11878	100
NS04-I01	5886	5616	.	11501	97
Mean	5987	5702	.	11689	
CV(%)	17.9	6.3	.	11.2	

WFT ITALIAN RYEGRASS 2004 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF MARIS LEDGER
	CUT 1 21SEP04	CUT 2 .	CUT 3 .		
MARIS LEDGER	7171	.	.	7171	100
NS04-I01	6637	.	.	6637	93
Mean	6904	.	.	6904	
CV(%)	11.0	.	.	11.0	



WFT ITALIAN RYEGRASS 2004 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF MARIS LEDGER
	CUT 1 12AUG04	CUT 2 .	CUT 3 .		
NS04-I01	8585	.	.	8585	102
MARIS LEDGER	8432	.	.	8432	100
Mean	8585	.	.	8585	
CV(%)	21.7	.	.	21.7	

\* Please note trial Cv over 20 % \*

WFT ITALIAN RYEGRASS 2004 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF MARIS LEDGER
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
NS04-I01	3292	4361	.	7652	111
MARIS LEDGER	4083	3835	.	6896	100
Mean	3687	4098	.	7274	
CV(%)	3.4	16.5	.	27.0	

\* Please note trial CV over 20 % \*

WFT WESTERWOLD RYEGRASS 2004 BROOKS AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA				% OF AUBADE
	CUT 1 13JUL04	CUT 2 04AUG04	CUT 3 14SEP04	TOTAL	
AUBADE	5646	3999	4895	14540	100
ELUNARIA	5372	3591	4395	13358	92
Mean	5509	3795	4645	13949	
CV(%)	10.0	7.8	10.3	5.3	

WFT WESTERWOLD RYEGRASS 2004 LETHBRIDGE AB Area-IRR

CULTIVAR	2004 DM YIELD KG/HA				% OF AUBADE
	CUT 1 09AUG04	CUT 2 21SEP04	CUT 3 .	TOTAL	
ELUNARIA	4532	5295	.	9827	110
AUBADE	4472	4460	.	8932	100
Mean	4502	4878	.	9379	
CV(%)	6.6	9.2	.	7.8	

WFT WESTERWOLD RYEGRASS 2004 OUTLOOK SK Area-IRR

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF AUBADE
	CUT 1 12AUG04	CUT 2 .	CUT 3 .		
AUBADE	10290	.	.	10290	100
ELUNARIA	10183	.	.	10183	99
Mean	10237	.	.	10237	
CV(%)	6.4	.	.	6.4	

WFT WESTERWOLD RYEGRASS 2004 ARBORG MB Area-3

CULTIVAR	2004 DM YIELD KG/HA			TOTAL	% OF AUBADE
	CUT 1 29JUN04	CUT 2 08OCT04	CUT 3 .		
ELUNARIA	3449	3015	.	6464	104
AUBADE	3325	2886	.	6211	100
Mean	3387	2951	.	6337	
CV(%)	10.8	18.2	.	6.9	

## Summary WFT 2001 Alfalfa - Alberta

(Lethbridge Area 2 seeded 2002)

	Cultivar Mean Yield Summary (kg/ha)												
	2		3					IRR					
	LETHBRIDGE		LACOMBE			VEGREVILLE		BROOKS			LETHBRIDGE		
	2003	2004	2002	2003	2004	2003	2004*	2002	2003	2004	2002	2003	2004
Cultivar													
AC BLUE J	11,443	10,743	11,360	5,624	9,455	7,941	3,798	14,756	18,547	16,834	7,996	12,961	11,183
AC LONGVIEW	10,720	12,114	12,436	5,620	10,397	9,465	4,694	13,864	18,434	16,706	8,495	14,593	11,867
BEAVER	8,686	11,813	11,007	7,997	9,467	9,841	4,035	12,229	17,338	15,241	8,234	13,715	11,806
LOSAP	9,594	13,148	10,048	2,142	5,649	6,641	2,934	11,610	15,394	13,896	6,849	12,938	9,464
NS01DA	10,895	12,850	13,329	2,727	7,004	9,130	5,558	13,796	18,189	15,929	8,073	15,240	12,167
NS01M5	9,242	11,690	12,830	4,267	8,738	7,238	3,365	13,289	16,838	14,706	8,114	13,088	10,855
NS01M7	8,739	9,641	11,601	3,024	7,679	7,614	3,732	12,025	15,991	15,135	7,896	13,133	9,970
RAMBLER	8,635	11,639	11,122	9,455	10,592	11,099	5,296	13,326	16,799	14,890	8,099	11,902	9,119
RANGELANDER	7,687	9,578	10,434	8,335	10,055	10,064	3,896	13,108	16,734	15,121	7,683	11,760	10,058
STARBUCK	9,841	9,486	12,970	5,010	9,568	7,095	3,683	12,500	17,121	16,227	8,139	14,569	11,339
STOCKWELL	10,723	12,332	12,713	5,290	10,025	8,485	3,798	11,679	16,881	16,817	7,853	14,390	11,212
CUTS	3	3	3	2	3	2	1	3	3	3	2	3	3
CV(%)	9.0	20.2	6.6	14.3	10.4	18.7	26.3	15.5	6.5	4.5	9.7	6.6	11.9
Trial Mean	9,880	11,237	11,804	5,408	8,966	8,601	4,072	12,926	17,115	15,591	7,948	13,481	10,822

Note : Vegreville no 2002 harvest due to dry conditions

**\* Please note trial Cv over 20 % \***

## Summary WFT 2001 Alfalfa - Alberta

(Lethbridge Area 2 seeded 2002)

	Yield as % of BEAVER												
	2		3					IRR					
	LETHBRIDGE		LACOMBE			VEGREVILLE		BROOKS			LETHBRIDGE		
	2003	2004	2002	2003	2004	2003	2004*	2002	2003	2004	2002	2003	2004
Cultivar													
AC BLUE J	132	91	103	70	100	81	94	121	107	110	97	95	95
AC LONGVIEW	123	103	113	70	110	96	116	113	106	110	103	106	101
BEAVER	100	100	100	100	100	100	100	100	100	100	100	100	100
LOSAP	110	111	91	27	60	67	73	95	89	91	83	94	80
NS01DA	125	109	121	34	74	93	138	113	105	105	98	111	103
NS01M5	106	99	117	53	92	74	83	109	97	96	99	95	92
NS01M7	101	82	105	38	81	77	92	98	92	99	96	96	84
RAMBLER	99	99	101	118	112	113	131	109	97	98	98	87	77
RANGELANDER	88	81	95	104	106	102	97	107	97	99	93	86	85
STARBUCK	113	80	118	63	101	72	91	102	99	106	99	106	96
STOCKWELL	123	104	115	66	106	86	94	96	97	110	95	105	95
CUTS	3	3	3	2	3	2	1	3	3	3	2	3	3
CV(%)	9.0	20.2	6.6	14.3	10.4	18.7	26.3	15.5	6.5	4.5	9.7	6.6	11.9
BEAVER (kg/ha)	8686	11813	11007	7997.1	9467	9840	4035	12229	17338	15241	8234	13715	11806

Note : Vegreville no 2002 harvest due to dry conditions

**\* Please note trial CV over 20 % \***

### Summary WFT 2001 Alfalfa - Saskatchewan

	Cultivar Mean Yield Summary (kg/ha)										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003*	2004*	2002*	2003	2004	2002*	2003	2002	2003	2004
Cultivar											
AC BLUE J	5,287	1,095	3,181	3,465	4,391	8,366	1,702	2,727	15,433	15,397	10,436
AC LONGVIEW	5,072	1,177	3,336	3,682	5,534	8,378	1,825	2,717	14,500	15,120	10,110
BEAVER	5,326	1,212	3,095	3,809	5,416	8,958	1,330	2,788	13,585	12,255	10,258
LOSAP	4,150	529	2,420	2,827	3,767	6,804	1,085	3,138	13,156	12,222	7,627
NSO1DA	4,836	877	2,493	3,370	4,405	7,923	1,085	3,253	14,618	13,867	9,103
NSO1M5	5,127	1,142	3,759	3,121	4,651	7,591	1,741	2,964	13,224	12,909	9,622
NSO1M7	4,853	953	2,651	2,943	4,484	7,118	1,256	2,965	13,543	13,981	9,213
RAMBLER	5,636	1,087	3,188	3,817	5,795	8,559	1,715	3,313	12,867	12,669	8,934
RANGELANDER	5,309	1,258	3,705	3,663	5,482	8,053	1,127	2,831	11,823	12,611	9,309
STARBUCK	4,753	917	2,736	3,444	5,584	7,413	1,420	3,025	13,601	14,454	11,227
STOCKWELL	5,172	1,159	3,169	3,249	5,323	7,779	572	2,465	13,290	14,246	10,028
CUTS	2	1	2	2	2	2	1	1	3	3	2
CV(%)	8.3	38.8	31.7	20.7	14.8	8.6	56.0	16.0	8.4	11.8	17.3
Trial Mean	5,088	1,077	3,161	3,399	4,985	7,903	1,351	2,909	13,603	13,612	9,634

Note : Nipawin no 2004 harvest data reported

**\* Please note trial CV over 20 % \***

Summary WFT 2001 Alfalfa - Saskatchewan

	Yield as % of BEAVER										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003*	2004*	2002*	2003	2004	2002*	2003	2002	2003	2004
Cultivar											
AC BLUE J	99	90	103	91	81	93	128	98	114	126	102
AC LONGVIEW	95	97	108	97	102	94	137	97	107	123	99
BEAVER	100	100	100	100	100	100	100	100	100	100	100
LOSAP	78	44	78	74	70	76	82	113	97	100	74
NSO1DA	91	72	81	88	81	88	82	117	108	113	89
NSO1M5	96	94	121	82	86	85	131	106	97	105	94
NSO1M7	91	79	86	77	83	79	94	106	100	114	90
RAMBLER	106	90	103	100	107	96	129	119	95	103	87
RANGELANDER	100	104	120	96	101	90	85	102	87	103	91
STARBUCK	89	76	88	90	103	83	107	109	100	118	109
STOCKWELL	97	96	102	85	98	87	43	88	98	116	98
CUTS	2	1	2	2	2	2	1	1	3	3	2
CV(%)	8.3	38.8	31.7	20.7	14.8	8.6	56.0	16.0	8.4	11.8	17.3
BEAVER (kg/ha)	5326	1212	3095	3809	5416	8958	1330	2788	13585	12255	10258

Note : Nipawin no 2004 harvest data reported

\* Please note trial CV over 20 % \*

Summary WFT 2001 Alfalfa - Manitoba

	Cultivar Mean Yield Summary (kg/ha)								
	3								
	ARBORG			NEEPAWA			ST. PIERRE		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
Cultivar									
AC BLUE J	7,272	4,106	8,413	9,260	6,939	10,860	9,904	9,012	6,953
AC LONGVIEW	7,866	4,472	8,809	9,675	7,402	11,514	9,827	9,335	7,492
BEAVER	7,410	4,406	8,728	10,364	7,068	12,194	10,225	9,027	7,436
LOSAP	6,756	3,708	7,331	7,612	5,437	10,177	10,153	8,173	6,260
NSO1DA	7,458	4,292	8,735	9,351	6,554	10,031	10,672	8,802	7,369
NSO1M5	7,072	4,519	9,274	8,913	6,336	10,749	10,191	8,294	7,870
NSO1M7	6,698	4,097	8,657	7,903	5,911	10,926	9,969	8,335	7,409
RAMBLER	7,368	4,492	8,805	10,458	6,789	10,899	9,869	7,925	7,520
RANGELANDER	7,731	4,558	8,343	10,610	6,391	11,082	10,216	8,566	6,871
STARBUCK	7,746	4,647	8,167	8,339	6,090	11,675	10,889	8,218	6,918
STOCKWELL	8,003	4,085	9,018	9,589	7,218	11,467	11,459	9,008	7,442
CUTS	2	2	3	2	1	2	2	2	2
CV(%)	11.8	12.0	9.1	11.4	7.8	13.6	10.1	8.3	9.4
Trial Mean	7,398	4,307	8,571	9,279	6,558	11,052	10,307	8,608	7,231



Summary WFT 2001 Alfalfa - Manitoba

	Yield as % of BEAVER								
	3								
	ARBORG			NEEPAWA			ST. PIERRE		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
Cultivar									
AC BLUE J	98	93	96	89	98	89	97	100	94
AC LONGVIEW	106	101	101	93	105	94	96	103	101
BEAVER	100	100	100	100	100	100	100	100	100
LOSAP	91	84	84	73	77	83	99	91	84
NS01DA	101	97	100	90	93	82	104	98	99
NS01M5	95	103	106	86	90	88	100	92	106
NS01M7	90	93	99	76	84	90	97	92	100
RAMBLER	99	102	101	101	96	89	97	88	101
RANGELANDER	104	103	96	102	90	91	100	95	92
STARBUCK	105	105	94	80	86	96	106	91	93
STOCKWELL	108	93	103	93	102	94	112	100	100
CUTS	2	2	3	2	1	2	2	2	2
CV(%)	11.8	12.0	9.1	11.4	7.8	13.6	10.1	8.3	9.4
BEAVER (kg/ha)	7410	4406	8728	10364	7068	12194	10225	9027	7436

## Summary WFT 2002 Alfalfa - Alberta

(Vegreville, Westlock & Brooks seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)						
	2		3	4	IRR		
			VEGRE - VILLE	WESTL - OCK			
	LETHBRIDGE		2004	2004	2004	2003	2004
	2003	2004	2004	2004	2004	2003	2004
Cultivar							
54Q25	6,349	8,368	6,305	7,968	17,854	14,042	12,246
55V05	6,489	6,970	.	.	.	13,433	11,740
AC BLUE J	5,791	8,786	6,419	8,566	16,771	12,754	11,529
BEAVER	7,634	8,315	5,839	8,526	17,104	10,997	9,945
DS233	6,476	8,217	6,003	8,433	16,237	12,435	11,235
DS234	7,938	9,322	7,227	8,933	16,800	14,108	12,510
DS235	8,124	9,249	6,855	8,756	16,960	13,537	12,324
DS236	5,899	8,029	6,228	9,281	17,072	13,825	11,631
LRC01CR	5,476	6,555	5,362	8,455	17,878	12,751	12,361
NS02CK	5,944	7,030	6,004	9,587	17,103	12,979	12,260
RAMBLER	6,291	7,112	7,220	9,668	17,071	11,430	10,189
RANGELANDER	5,584	7,057	6,833	9,194	16,626	11,910	10,442
CUTS	2	3	1	2	3	3	3
CV(%)	11.0	13.7	14.4	7.4	7.3	7.2	8.0
Trial Mean	6,500	7,917	6,421	8,540	16,774	12,850	11,534

## Summary WFT 2002 Alfalfa - Alberta

(Vegreville, Westlock & Brooks seeded 2003)

	Yield as % of BEAVER						
	2		3	4	IRR		
	LETHBRIDGE		VEGRE - VILLE	WESTL - OCK	BROOKS	LETHBRIDGE	
	2003	2004	2004	2004	2004	2003	2004
Cultivar							
54Q25	83	101	108	93	104	128	123
55V05	85	84	.	.	.	122	118
AC BLUE J	76	101	110	100	98	116	116
BEAVER	100	100	100	100	100	100	100
DS233	85	99	103	99	95	113	113
DS234	104	112	124	105	98	128	126
DS235	106	111	117	103	99	123	124
DS236	77	97	107	109	100	126	117
LRC01CR	72	79	92	99	105	116	124
NS02CK	78	85	103	112	100	118	123
RAMBLER	82	94	124	113	100	104	102
RANGELANDER	73	78	117	108	97	108	105
CUTS	2	3	1	2	3	3	3
CV(%)	11.0	14.2	14.4	7.4	7.3	7.2	8.0
BEAVER (kg/ha)	7634	9831	5839	8526	17104	10997	9945

Summary WFT 2002 Alfalfa - Saskatchewan

	Cultivar Mean Yield Summary (kg/ha)						
	1		2			3	IRR
	SWIFT CURRENT		SASKATOON		SCOTT	CANORA	OUTLO- OK
	2003	2004	2003	2004	2003*	2003	2003
Cultivar							
54Q25	2,892	3,804	3,699	5,817	596	7,494	14,054
55V05	2,768	3,698	3,206	5,278	627	6,217	12,586
AC BLUE J	3,060	3,796	3,095	5,523	402	5,272	13,248
BEAVER	2,374	2,882	4,500	6,454	684	5,982	12,732
DS233	2,697	3,665	3,476	5,432	453	7,570	13,573
DS234	2,684	3,225	3,047	5,542	852	7,041	13,170
DS235	2,947	3,356	3,575	5,619	575	6,668	13,324
DS236	2,817	3,584	3,105	5,129	613	7,217	13,597
LRC01CR	2,165	2,995	3,573	5,853	453	6,792	11,915
NS02CK	3,059	3,683	3,013	5,635	544	6,613	11,805
RAMBLER	2,977	3,715	3,593	6,184	645	5,579	13,028
RANGELANDER	3,005	3,205	3,869	6,882	599	5,607	12,581
CUTS	1	2	2	2	1	2	3
CV(%)	13.2	14.4	13.4	7.3	23.0	16.0	8.2
Trial Mean	2,787	3,467	3,479	5,779	591	6,504	12,968

Note : Outlook discontinued 2004, Scott & Canora no data reported 2004

\* Please note trial CV over 20 % \*

Summary WFT 2002 Alfalfa - Saskatchewan

	Yield as % of BEAVER						
	1		2			3	IRR
	SWIFT CURRENT		SASKATOON		SCOTT	CANORA	OUTLO- OK
	2003	2004	2003	2004	2003*	2003	2003
Cultivar							
54Q25	122	132	82	90	87	125	110
55V05	117	128	71	82	92	104	99
AC BLUE J	129	132	69	86	59	88	104
BEAVER	100	100	100	100	100	100	100
DS233	114	127	77	84	66	127	107
DS234	113	112	68	86	125	118	103
DS235	124	116	79	87	84	111	105
DS236	119	124	69	79	90	121	107
LRC01CR	91	104	79	91	66	114	94
NS02CK	129	128	67	87	80	111	93
RAMBLER	125	129	80	96	94	93	102
RANGELANDER	127	111	86	107	88	94	99
CUTS	1	2	2	2	1	2	3
CV(%)	13.2	14.4	13.4	7.3	23.0	16.0	8.2
BEAVER (kg/ha)	2374	2882	4500	6454	684	5982	12732

Note : Outlook discontinued 2004, Scott & Canora no data reported 2004

\* Please note trial CV over 20 % \*

Summary WFT 2002 Alfalfa - Manitoba

	Cultivar Mean Yield Summary (kg/ha)					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2003	2004	2003	2004	2003	2004
Cultivar						
54Q25	4,871	7,067	6,580	12,288	9,946	8,125
55V05	4,248	7,077	6,678	13,031	9,917	7,709
AC BLUE J	4,952	7,284	6,950	10,828	10,160	7,650
BEAVER	4,620	7,542	8,484	11,016	9,877	7,606
DS233	4,049	6,719	7,508	11,839	10,149	8,001
DS234	4,231	7,318	6,446	12,350	10,001	7,333
DS235	4,844	7,296	7,761	11,719	10,469	8,171
DS236	4,400	7,136	7,744	13,033	10,451	8,112
LRC01CR	4,522	6,786	7,340	10,962	10,084	7,713
NS02CK	4,645	7,248	7,319	11,488	9,007	7,705
RAMBLER	4,502	7,170	8,131	11,724	10,197	7,586
RANGELANDER	4,581	7,043	8,317	13,254	10,583	8,539
CUTS	2	3	1	2	2	2
CV(%)	11.0	8.4	12.2	10.9	9.9	9.4
Trial Mean	4,538	7,140	7,438	11,961	10,070	7,854

Summary WFT 2002 Alfalfa - Manitoba

	Yield as % of BEAVER					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2003	2004	2003	2004	2003	2004
Cultivar						
54Q25	105	94	78	112	101	107
55V05	92	94	79	118	100	101
AC BLUE J	107	97	82	98	103	101
BEAVER	100	100	100	100	100	100
DS233	88	89	88	107	103	105
DS234	92	97	76	112	101	96
DS235	105	97	91	106	106	107
DS236	95	95	91	118	106	107
LRC01CR	98	90	87	100	102	101
NS02CK	101	96	86	104	91	101
RAMBLER	97	95	96	106	103	100
RANGELANDER	99	93	98	120	107	112
CUTS	2	3	1	2	2	2
CV(%)	11.0	8.4	12.2	10.9	9.9	9.4
BEAVER (kg/ha)	4620	7542	8484	11016	9877	7606

Summary WFT 2003 Alfalfa - Alberta

	Cultivar Mean Yield Summary(kg/ha)				
	2	3	4	IRR	
	LETHB-RIDGE	VEGRE-VILLE	WESTL-OCK	BROOKS	LETHB-RIDGE
	2004	2004	2004	2004	2004
Cultivar					
3M49	11,200	6,891	7,318	15,822	13,775
54V46	10,281	5,901	7,154	15,675	12,850
AC BLUE J	10,866	6,419	8,566	16,771	14,983
BEAVER	11,348	5,839	8,526	17,104	13,994
DS 335	12,145	6,206	7,972	17,044	12,880
DS 336	11,522	5,993	9,140	17,531	13,839
DS 337	11,331	6,554	8,363	15,523	13,622
RAMBLER	11,585	7,220	9,668	17,071	12,792
RANGELANDER	8,156	6,833	9,194	16,626	12,430
SW LU8407	10,189	7,323	7,873	16,091	16,130
CUTS	3	1	2	3	3
CV(%)	14.7	14.4	7.4	7.3	8.1
Trial Mean	10,862	6,421	8,540	16,774	13,729



Summary WFT 2003 Alfalfa - Alberta

	Yield as % of BEAVER				
	2	3	4	IRR	
	LETHB-RIDGE	VEGRE-VILLE	WESTL-OCK	BROOKS	LETHB-RIDGE
	2004	2004	2004	2004	2004
Cultivar					
3M49	99	118	86	93	98
54V46	91	101	84	92	92
AC BLUE J	96	110	100	98	107
BEAVER	100	100	100	100	100
DS 335	107	106	93	100	92
DS 336	102	103	107	102	99
DS 337	100	112	98	91	97
RAMBLER	102	124	113	100	91
RANGELANDER	72	117	108	97	89
SW LU8407	90	125	92	94	115
CUTS	3	1	2	3	3
CV(%)	14.7	14.4	7.4	7.3	8.1
BEAVER (kg/ha)	11348	5839	8526	17104	13994

Summary WFT 2003 Alfalfa - Saskatchewan

	Cultivar Mean Yield Summary (kg/ha)			
	1	2	4	IRR
	SWIFT	SASKA- TOON	NIPAW- IN	OUTLO- OK
	CURRE- NT			
2004	2004	2004	2004	
Cultivar				
3M49	4,911	6,707	5,837	15,747
54V46	4,588	6,836	5,348	14,514
AC BLUE J	5,352	6,588	.	14,222
BEAVER	5,463	6,869	9,866	13,780
DS 335	4,866	6,640	5,741	12,886
DS 336	5,031	5,954	4,932	14,623
DS 337	4,736	6,444	6,324	15,435
RAMBLER	6,057	6,835	10,738	13,968
RANGELANDER	5,610	6,887	8,865	14,952
SC L30001	5,847	6,140	9,412	.
SW LU8407	4,185	5,655	4,331	13,691
CUTS	2	2	2	2
CV(%)	9.7	8.1	17.0	8.3
Trial Mean	5,150	6,505	7,139	14,382

Summary WFT 2003 Alfalfa - Saskatchewan

	Yield as % of BEAVER			
	1	2	4	IRR
	SWIFT			
	CURRE- NT	SASKA- TOON	NIPAW- IN	OUTLO- OK
	2004	2004	2004	2004
Cultivar				
3M49	90	98	59	114
54V46	84	100	54	105
AC BLUE J	98	96	.	103
BEAVER	100	100	100	100
DS 335	89	97	58	94
DS 336	92	87	50	106
DS 337	87	94	64	112
RAMBLER	111	100	109	101
RANGELANDER	103	100	90	109
SC L30001	107	89	95	.
SW LU8407	77	82	44	99
CUTS	2	2	2	2
CV(%)	9.7	8.1	17.0	8.3
BEAVER (kg/ha)	5463	6869	9866	13780

Summary WFT 2003 Alfalfa - Manitoba

	Cultivar Mean Yield Summary (kg/ha)	
	3	
	ARBORG	ST. PIERRE
	2004	2004
Cultivar		
3M49	10,176	10,662
54V46	11,926	10,573
AC BLUE J	11,299	11,964
BEAVER	11,497	11,292
DS 335	12,014	10,153
DS 336	11,181	9,981
DS 337	10,575	11,222
RAMBLER	10,701	10,169
RANGELANDER	10,687	10,992
SW LU8407	10,300	11,817
CUTS	3	3
CV(%)	11.1	13.2
Trial Mean	11,035	10,882

Summary WFT 2003 Alfalfa - Manitoba

	Yield as % of BEAVER	
	3	
	ARBORG	ST. PIERRE
	2004	2004
Cultivar		
3M49	89	94
54V46	104	94
AC BLUE J	98	106
BEAVER	100	100
DS 335	104	90
DS 336	97	88
DS 337	92	99
RAMBLER	93	90
RANGELANDER	93	97
SW LU8407	90	105
CUTS	3	3
CV(%)	11.1	13.2
BEAVER (kg/ha)	11497	11292

**Summary WFT Cicer Milkvetch - Alberta**  
(Vegreville, Fort Kent, Westlock & Brooks seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)							
	2		3	4		IRR		
			VEGRE-VILLE	FORT KENT	WESTL-OCK	BROOKS	LETHBRIDGE	
	2003	2004	2004	2004*	2004	2004	2003	2004
Cultivar LRC94-1	3,986	6,278	4,800	3,877	9,410	9,136	7,772	6,557
OXLEY	3,523	4,879	4,476	2,305	5,860	8,408	7,246	5,051
<b>Trial Mean</b>	<b>3,754</b>	<b>5,578</b>	<b>4,638</b>	<b>3,091</b>	<b>7,635</b>	<b>8,772</b>	<b>7,509</b>	<b>5,804</b>

	Yield as % of OXLEY							
	2		3	4		IRR		
			VEGRE-VILLE	FORT KENT	WESTL-OCK	BROOKS	LETHBRIDGE	
	2003	2004	2004	2004*	2004	2004	2003	2004
Cultivar LRC94-1	113	129	107	168	161	109	107	130
OXLEY	100	100	100	100	100	100	100	100
CUTS	1	2	1	1	2	2	2	2
CV(%)	15.3	6.6	12.9	21.0	5.9	5.6	13.4	7.1
OXLEY (kg/ha)	3523	4878	4476	2305	5860	8408	7246	5051

**\* Please note trial CV over 20 % \***

Summary WFT 2002 Cicer Milkvetch - Saskatchewan  
(Outlook seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)		
	2		IRR
	SASKATOON		OUTLOOK
	2003	2004	2004
Cultivar			
LRC94-1	541	3,231	7,326
OXLEY	322	2,464	9,015

Trial Mean                      431    2,847    8,171

	Yield as % of OXLEY		
	2		IRR
	SASKATOON		OUTLOOK
	2003	2004	2004
Cultivar			
LRC94-1	168	131	81
OXLEY	100	100	100

CUTS                                      1            2            2  
 CV(%)                                    9.5        7.1        10.5  
 OXLEY (kg/ha)                        322        2464      9015

Summary WFT 2002 Cicer Milkvetch - Manitoba

	Cultivar Mean Yield Summary (kg/ha)			
	3			
	ARBORG		ST. PIERRE	
	2003	2004	2003	2004
Cultivar				
LRC94-1	2,765	3,504	3,962	5,298
OXLEY	2,342	3,451	3,868	5,330
Trial Mean	2,553	3,478	3,915	5,314

	Yield as % of OXLEY			
	3			
	ARBORG		ST. PIERRE	
	2003	2004	2003	2004
Cultivar				
LRC94-1	118	102	102	99
OXLEY	100	100	100	100
CUTS	1	2	1	2
CV(%)	14.8	8.9	11.0	4.8
OXLEY (kg/ha)	2342	3451	3868	5330



## Summary WFT 2001 Bromegrass - Alberta

(Lethbridge Area 2 seeded 2002)

	Cultivar Mean Yield Summary (kg/ha)											
	2		3				IRR					
	LETHBRIDGE		LACOMBE		VEGREVILLE		BROOKS			LETHBRIDGE		
	2003	2004*	2002	2003	2003	2004	2002	2003	2004	2002	2003	2004
Meadow Bromegrass												
Cultivar												
95MB-2	6,444	5,163	8,894	7,912	9,006	4,509	12,705	14,024	14,831	11,338	9,254	9,343
FLEET	8,608	7,254	9,192	8,841	10,562	5,402	12,291	12,639	14,840	11,458	8,535	9,300
Smooth Bromegrass												
Cultivar												
AC ROCKET	7,972	6,957	9,383	9,384	10,675	6,279	16,531	16,239	19,725	12,158	8,234	10,415
CARLTON	8,510	5,187	8,708	9,451	9,973	5,091	14,947	14,298	17,258	11,847	8,819	9,934
CUTS	1	1	2	2	1	1	2	2	2	2	2	2
CV(%)	8.0	23.5	11.2	8.6	10.1	15.9	6.5	8.3	12.7	6.2	5.3	17.1
Trial Mean	7,884	6,140	9,044	8,897	10,054	5,320	14,118	14,300	16,664	11,700	8,711	9,748

Note : Vegreville no 2002 harvest due to dry conditions, Lacombe discontinued 2004

\* Please note trial CV over 20 % \*

## Summary WFT 2001 Bromegrass - Alberta

(Lethbridge Area 2 seeded 2002)

Meadow Bromegrass	Yield as % of FLEET											
	2		3				IRR					
	LETHBRIDGE		LACOMBE		VEGREVILLE		BROOKS			LETHBRIDGE		
	2003	2004*	2002	2003	2003	2004	2002	2003	2004	2002	2003	2004
Cultivar												
95MB-2	75	71	97	89	85	83	103	111	100	99	108	100
FLEET	100	100	100	100	100	100	100	100	100	100	100	100

Smooth Bromegrass	Yield as % of CARLTON											
Cultivar												
AC ROCKET	94	134	108	99	107	123	111	114	114	103	93	105
CARLTON	100	100	100	100	100	100	100	100	100	100	100	100

CUTS	1	1	2	2	1	1	2	2	2	2	2	2
CV(%)	8.0	23.5	11.2	8.6	10.1	15.9	6.5	8.3	12.7	6.2	5.3	17.1
FLEET (kg/ha)	8608	7253	9191	8840	10562	5402	12291	12639	14840	11458	8535	9299
CARLTON (kg/ha)	8510	5186	8708	9450	9973	5090	14947	14298	17258	11847	8819	9933

Note : Vegreville no 2002 harvest due to dry conditions, Lacombe discontinued 2004

**\* Please note trial CV over 20 % \***

**Summary WFT 2001 Meadow Bromegrass - Saskatchewan**  
(Nipawin no data reported 2004)

	Cultivar Mean Yield Summary (kg/ha)										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003	2004	2002	2003	2004	2002*	2003	2002*	2003	2004
Cultivar											
95MB-2	6,205	2,919	2,641	1,202	3,187	3,526	1,275	2,756	11,196	14,688	15,766
FLEET	6,725	3,032	2,749	1,129	3,194	3,551	1,315	2,637	10,555	14,507	12,161
<b>Trial Mean</b>	<b>6,465</b>	<b>2,975</b>	<b>2,695</b>	<b>1,165</b>	<b>3,190</b>	<b>3,538</b>	<b>1,348</b>	<b>2,461</b>	<b>10,876</b>	<b>14,598</b>	<b>13,963</b>

	Yield as % of FLEET										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003	2004	2002	2003	2004	2002*	2003	2002*	2003	2004
Cultivar											
95MB-2	92	96	96	106	100	99	97	105	106	101	130
FLEET	100	100	100	100	100	100	100	100	100	100	100
<b>CUTS</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>CV(%)</b>	<b>6.6</b>	<b>9.1</b>	<b>15.5</b>	<b>10.8</b>	<b>9.6</b>	<b>11.4</b>	<b>23.0</b>	<b>11.0</b>	<b>22.5</b>	<b>11.3</b>	<b>18.0</b>
<b>FLEET (kg/ha)</b>	<b>6725</b>	<b>3032</b>	<b>2749</b>	<b>1129</b>	<b>3194</b>	<b>3551</b>	<b>1315</b>	<b>2637</b>	<b>10555</b>	<b>14507</b>	<b>12161</b>

**\* Please note trial CV over 20 % \***

**Summary WFT 2001 Smooth Bromegrass - Saskatchewan**  
(Nipawin no data reported 2004)

	Cultivar Mean Yield Summary (kg/ha)										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003	2004	2002	2003	2004	2002*	2003	2002	2003	2004
Cultivar											
AC ROCKET	6,970	2,836	4,400	1,558	3,220	3,947	1,679	2,605	13,348	15,897	18,721
CARLTON	6,972	3,052	5,360	1,472	2,966	3,536	1,121	1,845	13,721	17,599	16,533
<b>Trial Mean</b>	<b>6,937</b>	<b>2,944</b>	<b>4,880</b>	<b>1,515</b>	<b>3,093</b>	<b>3,741</b>	<b>1,348</b>	<b>2,461</b>	<b>13,535</b>	<b>16,748</b>	<b>17,627</b>

	Yield as % of CARLTON										
	1			2			4		IRR		
	SWIFT CURRENT			SASKATOON			NIPAWIN		OUTLOOK		
	2002	2003	2004	2002	2003	2004	2002*	2003	2002	2003	2004
Cultivar											
AC ROCKET	100	93	82	106	109	112	150	141	97	90	113
CARLTON	100	100	100	100	100	100	100	100	100	100	100
CUTS	2	1	1	2	2	2	1	1	2	2	2
CV(%)	3.0	9.5	15.5	13.3	11.7	19.9	23.0	11.0	2.2	8.5	2.7
CARLTON (kg/ha)	6972	3052	5360	1472	2966	3536	1121	1845	13721	17599	16533

**\* Please note trial CV over 20 % \***

Summary WFT 2001 Meadow Bromegrass - Manitoba

	Cultivar Mean Yield Summary (kg/ha)							
	3							
	ARBORG			NEEPAWA			ST. PIERRE	
	2002	2003	2004	2002	2003	2004	2003	2004
Cultivar								
95MB-2	10,349	2,121	9,005	2,635	4,723	5,485	1,951	945
FLEET	10,455	2,281	8,379	3,056	4,676	5,804	2,075	909
Trial Mean	10,406	2,201	8,683	2,845	4,700	5,644	2,013	927

	Yield as % of FLEET							
	3							
	ARBORG			NEEPAWA			ST. PIERRE	
	2002	2003	2004	2002	2003	2004	2003	2004
Cultivar								
95MB-2	99	93	107	86	101	95	94	104
FLEET	100	100	100	100	100	100	100	100
CUTS	2	1	2	1	1	1	1	1
CV(%)	8.6	4.1	8.5	13.9	12.6	5.2	13.4	7.6
FLEET (kg/ha)	10455	2281	8379	3056	4676	5804	2075	909

Note : St. Pierre no 2002 data reorted

Summary WFT 2001 Smooth Bromegrass - Manitoba

	Cultivar Mean Yield Summary (kg/ha)							
	3							
	ARBORG			NEEPAWA			ST. PIERRE	
	2002	2003	2004	2002	2003	2004	2003	2004
Cultivar								
AC ROCKET	10,602	2,688	6,961	3,351	7,556	7,947	2,567	1,970
CARLTON	10,220	2,579	6,680	2,992	6,403	8,421	2,350	1,781
Trial Mean	10,406	2,634	6,811	3,171	6,979	8,184	2,459	1,876

	Yield as % of CARLTON							
	3							
	ARBORG			NEEPAWA			ST. PIERRE	
	2002	2003	2004	2002	2003	2004	2003	2004
Cultivar								
AC ROCKET	104	104	104	112	118	94	109	111
CARLTON	100	100	100	100	100	100	100	100
CUTS	2	1	2	1	1	1	1	1
CV(%)	8.6	4.5	11.4	6.7	3.8	2.1	14.4	4.2
CARLTON (kg/ha)	10220	2579	6680	2992	6403	8421	2350	1781

Note : St. Pierre no 2002 data reorted

## Summary WFT 2001 Tall Fescue - Alberta

(Lethbridge Area 2 seeded 2002)

	Cultivar Mean Yield Summary (kg/ha)									
	2		3		IRR					
	LETHBRIDGE		LACOMBE		BROOKS			LETHBRIDGE		
	2003	2004	2002	2003	2002	2003	2004	2002	2003	2004
Cultivar										
COURTENAY	5,810	3,791	8,861	5,502	16,589	19,443	14,774	10,658	8,535	8,098
MAXIMIZE	4,097	3,897	6,308	2,382	13,636	14,847	8,900	9,020	5,960	8,689

Trial Mean                    4,953   3,844   7,584   3,942   15,112   17,145   11,837   9,839   7,243   8,394

	Yield as % of COURTENAY									
	2		3		IRR					
	LETHBRIDGE		LACOMBE		BROOKS			LETHBRIDGE		
	2003	2004	2002	2003	2002	2003	2004	2002	2003	2004
Cultivar										
COURTENAY	100	100	100	100	100	100	100	100	100	100
MAXIMIZE	71	103	71	43	82	76	60	85	70	107

CUTS                                1        2        2        2        2        2        2        2        2        2

CV(%)                                4.2    11.6    4.6    9.8    3.1    10.8    7.6    11.8    12.5    14.4

COURTENAY (kg/ha)                5810    3790    8860    5501    16589    19443    14774    10658    8535    8098

Note: Lacombe discontinued 2004

**Summary WFT 2001 Tall Fescue - Saskatchewan**  
(Saskatoon seeded 2002)

	Cultivar Mean Yield Summary(kg/ha)				
	1		2	IRR	
	SWIFT CURRENT		SASKA-TOON	OUTLOOK	
	2002	2003*	2003*	2002	2004*
Cultivar					
COURTENAY	5,543	463	952	13,393	13,872
MAXIMIZE	3,231	335	746	8,900	9,538

Trial Mean                      4,387      399      849   11,146   11,705

	Yield as % of COURTENAY				
	1		2	IRR	
	SWIFT CURRENT		SASKA-TOON	OUTLOOK	
	2002	2003*	2003*	2002	2004*
Cultivar					
COURTENAY	100	100	100	100	100
MAXIMIZE	58	72	78	66	69

CUTS                                      2            1            1            2            2  
 CV(%)                                    2.6       28.5       39.0       18.4       24.7  
 COURTENAY (kg/ha)                  5543       463       952       13393      13872

Note: Swift Current & Saskatoon no data reported 2004,  
 Outlook no data reported 2003 due to weed infestation

**\* Please note trial CV over 20 % \***



**Summary WFT 2001 Tall Fescue - Manitoba**  
(St. Pierre seeded 2002)

	Cultivar Mean Yield Summary (kg/ha)					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2002	2004	2002	2003	2003	2004*
Cultivar						
COURTENAY	10,551	4,610	3,299	3,291	1,516	1,317
MAXIMIZE	10,186	4,789	3,184	1,648	1,493	1,303
Trial Mean	10,368	4,699	3,241	2,470	1,505	1,310

	Yield as % of COURTENAY					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2002	2004	2002	2003	2003	2004*
Cultivar						
COURTENAY	100	100	100	100	100	100
MAXIMIZE	97	104	97	50	98	99
CUTS	2	2	1	1	1	1
CV(%)	8.3	9.1	19.5	20.0	18.8	25.6
COURTENAY (kg/ha)	10551	4610	3299	3291	1516	1317

Note: Arborg no data reported 2003, Neepawa no data reported 2004

**\* Please note trial CV over 20 % \***

## Summary WFT 2003 Tall Fescue - All Locations

	Cultivar Mean Yield Summary (kg/ha)								
	1	3			4		IRR		
	SWIFT	ARBORG	ST. PIERRE	VEGRE- VILLE	FORT KENT	WESTL- OCK	BROOKS	LETHB- RIDGE	OUTLO- OK
	CURRE- NT								
2004	2004	2004	2004*	2004*	2004	2004	2004	2004	
Cultivar									
COURTENAY	4,308	12,564	3,603	2,992	2,475	9,825	20,639	20,129	10,444
TF 10111	2,367	8,311	2,625	2,311	440	6,463	9,173	17,207	5,171
UMTF	5,297	12,935	4,055	3,360	2,126	9,365	20,545	19,300	10,514

Trial Mean                    3,991 11,270 3,428 2,887 1,681 8,551 16,786 18,878 8,710

	Yield as % of COURTENAY								
	1	3			4		IRR		
	SWIFT	ARBORG	ST. PIERRE	VEGRE- VILLE	FORT KENT	WESTL- OCK	BROOKS	LETHB- RIDGE	OUTLO- OK
	CURRE- NT								
2004	2004	2004	2004*	2004*	2004	2004	2004	2004	
Cultivar									
COURTENAY	100	100	100	100	100	100	100	100	100
TF 10111	55	66	73	77	18	66	44	85	50
UMTF	123	103	113	112	86	95	100	96	101

CUTS                            1        2        1        1        1        2        2        2        2  
 CV(%)                        15.8   11.9   14.6   22.8   34.4   7.5    3.9    10.4   7.5  
 COURTENAY (kg/ha)        4308   12564   3603   2991   2475   9824   20639   20129   10444

**\* Please note trial CV over 20 % \***

**Summary WFT 2002 Orchard Grass - Alberta**  
(Vegreville, Fort Kent, Westlock & Brooks seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)					
	3	4		IRR		
	VEGRE - VILLE	FORT KENT	WESTL - OCK	BROOKS	LETHBRIDGE	
	2004	2004	2004	2004	2003	2004*
Cultivar						
AC KILLARNEY	5,869	4,204	7,399	14,808	9,447	3,643
KAY	5,141	3,316	7,432	18,258	9,243	3,430
SOG01	6,032	5,220	7,200	17,543	10,637	2,789
Trial Mean	5,681	4,247	7,344	16,869	9,776	3,287

	Yield as % of KAY					
	3	4		IRR		
	VEGRE - VILLE	FORT KENT	WESTL - OCK	BROOKS	LETHBRIDGE	
	2004	2004	2004	2004	2003	2004*
Cultivar						
AC KILLARNEY	114	127	100	81	102	106
KAY	100	100	100	100	100	100
SOG01	117	157	97	96	115	81
CUTS	1	1	2	2	2	1
CV(%)	7.9	16.0	5.0	10.6	6.0	28.0
KAY (kg/ha)	5141	3316	7432	18258	9243	3429

\* Please note trial CV over 20 % \*

Summary WFT 2002 Orchard Grass - Saskatchewan

	Cultivar Mean Yield Summary (kg/ha)						
	1	2			3	IRR	
	SWIFT CURRE- NT	SASKATOON		SCOTT	CANORA	OUTLOOK	
		2004*	2003	2004	2003	2003	2003
Cultivar							
AC KILLARNEY	705	3,511	3,684	853	2,466	12,488	13,236
KAY	886	3,164	3,139	707	1,992	13,517	11,094
SOGO1	708	3,413	3,738	677	2,185	12,876	13,549
Trial Mean	766	3,362	3,520	745	2,214	12,960	12,626

	Yield as % of KAY						
	1	2			3	IRR	
	SWIFT CURRE- NT	SASKATOON		SCOTT	CANORA	OUTLOOK	
		2004*	2003	2004	2003	2003	2003
Cultivar							
AC KILLARNEY	80	111	117	121	124	92	119
KAY	100	100	100	100	100	100	100
SOGO1	80	108	119	96	110	95	122
CUTS	1	2	2	1	1	2	2
CV(%)	29.7	6.0	7.2	14.0	14.0	12.4	22.4
KAY (kg/ha)	886	3164	3139	707	1992	13517	11094

Note: Swift Current no data reported 2003 due to gopher damage, Scott & Canora no data reported 2004

\* Please note trial CV over 20 % \*

Summary WFT 2002 Orchard Grass - Manitoba

	Cultivar Mean Yield Summary (kg/ha)					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2003	2004	2003	2004*	2003	2004
Cultivar						
AC KILLARNEY	2,008	5,165	2,259	3,716	1,530	1,447
KAY	2,213	4,685	1,866	2,761	1,652	1,180
SOG01	2,539	5,094	2,731	2,540	1,683	1,528
Trial Mean	2,254	4,981	2,285	3,005	1,621	1,385

	Yield as % of KAY					
	3					
	ARBORG		NEEPAWA		ST. PIERRE	
	2003	2004	2003	2004*	2003	2004
Cultivar						
AC KILLARNEY	91	110	121	135	93	123
KAY	100	100	100	100	100	100
SOG01	115	109	146	92	102	129
CUTS	1	1	1	1	1	1
CV(%)	12.8	13.0	19.4	26.3	12.2	16.1
KAY (kg/ha)	2213	4685	1866	2761	1652	1180

\* Please note trial CV over 20 % \*

Summary WFT 2001 Timothy - Alberta

	Cultivar Mean Yield Summary (kg/ha)									
	3				IRR					
	LACOMBE		VEGREVILLE		BROOKS			LETHBRIDGE		
	2002	2003	2003	2004	2002	2003	2004	2002	2003	2004*
Cultivar										
BARNEE	4,593	1,891	5,526	3,314	7,269	10,623	5,234	6,829	5,658	3,849
BARTIMO	5,625	4,951	6,182	4,558	7,569	11,128	6,439	7,122	5,169	3,614
CLIMAX	6,598	5,627	6,430	4,401	11,112	14,762	7,707	10,626	6,305	4,484
DOLINA	6,725	5,216	6,755	4,080	11,688	13,569	8,536	8,653	7,467	5,565
EXPRESS	7,213	5,218	6,859	4,093	10,888	14,671	8,079	9,564	6,069	4,848
LPHL 458	6,294	5,548	6,268	4,666	9,431	13,164	7,267	9,326	5,886	4,381
NIKLAS	5,471	3,685	6,882	4,214	7,613	11,502	6,708	7,474	6,889	4,103
TUNDRA	6,421	5,618	6,633	4,788	8,878	13,809	9,298	8,698	6,062	4,324
CUTS	2	1	1	1	2	2	1	2	2	2
CV(%)	11.6	12.8	10.5	16.3	9.7	7.7	12.4	10.6	7.2	21.8
Trial Mean	6,117	4,719	6,514	4,287	9,306	12,904	7,408	8,537	6,188	4,396

Note: Vegreville no 2002 harvest due to dry conditions, Lacombe discontinued 2004

\* Please note trial CV over 20 % \*

Summary WFT 2001 Timothy - Alberta

	Yield as % of CLIMAX									
	3				IRR					
	LACOMBE		VEGREVILLE		BROOKS			LETHBRIDGE		
	2002	2003	2003	2004	2002	2003	2004	2002	2003	2004*
Cultivar										
BARNEE	70	34	86	75	65	72	68	64	90	86
BARTIMO	85	88	96	104	68	75	84	67	82	81
CLIMAX	100	100	100	100	100	100	100	100	100	100
DOLINA	102	93	105	93	105	92	111	81	118	124
EXPRESS	109	93	107	93	98	99	105	90	96	108
LPHL 458	95	99	97	106	85	89	94	88	93	98
NIKLAS	83	65	107	96	69	78	87	70	109	92
TUNDRA	97	100	103	109	80	94	121	82	96	96
CUTS	2	1	1	1	2	2	1	2	2	2
CV(%)	11.6	12.8	10.5	16.3	9.7	7.7	12.4	10.6	7.2	21.8
CLIMAX (kg/ha)	6597	5627	6430	4400	11112	14762	7706	10626	6305	4483

Note: Vegreville no 2002 harvest due to dry conditions, Lacombe discontinued 2004

\* Please note trial CV over 20 % \*

Summary WFT 2001 Timothy - Saskatchewan

	Cultivar Mean Yield Summary (kg/ha)								
	1			2	4		IRR		
	SWIFT CURRENT			SASKA-TOON	NIPAWIN		OUTLOOK		
	2002	2003	2004	2003	2002*	2003	2002	2003*	2004
	Cultivar								
BARNEE	1,959	1,601	1,036	772	162	2,885	8,638	6,425	9,767
BARTIMO	3,003	1,631	1,511	1,512	262	2,773	8,643	8,206	9,635
CLIMAX	5,240	1,812	1,891	1,701	688	2,725	10,303	8,499	10,271
DOLINA	4,741	1,599	1,479	1,708	493	2,613	10,856	9,883	12,268
EXPRESS	5,808	1,779	1,792	1,808	620	2,782	10,577	10,077	12,151
LPHL 458	3,831	1,627	1,556	2,069	223	3,061	9,894	9,230	10,753
NIKLAS	2,954	1,849	1,379	1,546	244	2,932	8,415	7,585	9,723
TUNDRA	4,286	1,888	1,434	1,654	649	2,556	9,910	7,831	10,570
CUTS	2	1	1	1	1	1	2	2	2
CV(%)	13.7	17.1	17.3	19.4	45.0	8.0	11.2	27.8	14.3
Trial Mean	3,978	1,723	1,510	1,632	418	2,791	9,655	8,467	10,642

Note: Saskatoon no 2002 harvest due to dry conditions,  
Saskatoon & Nipawin no data reported 2004

\* Please note trial CV over 20 % \*



Summary WFT 2001 Timothy - Saskatchewan

	Yield as % of CLIMAX								
	1			2	4		IRR		
	SWIFT CURRENT			SASKA- TOON	NIPAWIN		OUTLOOK		
	2002	2003	2004	2003	2002*	2003	2002	2003*	2004
	Cultivar								
BARNEE	37	88	55	45	24	106	84	76	95
BARTIMO	57	90	80	89	38	102	84	97	94
CLIMAX	100	100	100	100	100	100	100	100	100
DOLINA	90	88	78	100	72	96	105	116	119
EXPRESS	111	98	95	106	90	102	103	119	118
LPHL 458	73	90	82	122	32	112	96	109	105
NIKLAS	56	102	73	91	35	108	82	89	95
TUNDRA	82	104	76	97	94	94	96	92	103
CUTS	2	1	1	1	1	1	2	2	2
CV(%)	13.7	17.1	17.3	19.4	45.0	8.0	11.2	27.8	14.3
CLIMAX (kg/ha)	5240	1812	1891	1701	688	2725	10303	8499	10271

Note: Saskatoon no 2002 harvest due to dry conditions,  
Saskatoon & Nipawin no data reported 2004

\* Please note trial CV over 20 % \*

## Summary WFT 2001 Timothy - Manitoba

(Arborg seeded 2002 & St. Pierre seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)					
	3					
	ARBORG		NEEPAWA			ST. PIERRE
	2003*	2004	2002	2003*	2004*	2004
Cultivar						
BARNEE	1,214	2,693	3,800	1,723	2,143	5,533
BARTIMO	1,535	3,210	2,737	2,282	2,434	4,715
CLIMAX	1,531	3,481	2,811	2,503	3,122	5,446
DOLINA	1,247	3,086	2,913	2,490	1,928	5,142
EXPRESS	1,743	3,757	4,000	2,868	2,307	5,454
LPHL 458	1,451	3,632	3,151	2,124	2,306	4,878
NIKLAS	1,231	3,250	3,160	2,496	2,384	5,098
TUNDRA	1,345	2,972	2,908	3,038	2,588	5,142

Trial Mean	1,412	3,260	3,209	2,559	2,448	5,176
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	Yield as % of CLIMAX					
	3					
	ARBORG		NEEPAWA			ST. PIERRE
	2003*	2004	2002	2003*	2004*	2004
Cultivar						
BARNEE	79	77	135	69	69	102
BARTIMO	100	92	97	91	78	87
CLIMAX	100	100	100	100	100	100
DOLINA	81	89	104	99	62	94
EXPRESS	114	108	142	115	74	100
LPHL 458	95	104	112	85	74	90
NIKLAS	80	93	112	100	76	94
TUNDRA	88	85	103	121	83	94

CUTS	1	1	1	1	1	1
CV(%)	21.8	13.0	19.4	28.3	29.2	19.1
CLIMAX (kg/ha)	1531	3481	2811	2503	3122	5446

**\* Please note trial CV over 20 % \***

## Summary WFT 2002 Timothy - Alberta

(Vegreville, Westlock & Brooks seeded 2003)

	Cultivar Mean Yield Summary(kg/ha)				
	3	4	IRR		
	VEGRE - VILLE	WESTL - OCK	BROOKS	LETHBRIDGE	
	2004	2004	2004	2003	2004
Cultivar					
45-214	6,254	7,862	18,002	5,359	2,843
ALMA	6,444	7,897	13,878	.	.
CHARLTON	6,166	6,618	12,312	4,485	2,813
CLIMAX	6,086	7,934	17,086	6,286	2,625
JONATON	6,496	8,101	14,081	6,137	3,219
NS02TY	6,796	7,771	14,033	4,773	3,536
Trial Mean	6,374	7,697	14,899	5,408	3,007

	Yield as % of CLIMAX				
	3	4	IRR		
	VEGRE - VILLE	WESTL - OCK	BROOKS	LETHBRIDGE	
	2004	2004	2004	2003	2004
Cultivar					
45-214	103	99	105	85	108
ALMA	106	100	81	.	.
CHARLTON	101	83	72	71	107
CLIMAX	100	100	100	100	100
JONATON	107	102	82	98	123
NS02TY	112	98	82	76	135
CUTS	1	1	2	1	1
CV(%)	8.2	3.3	7.7	10.9	30.0
CLIMAX (kg/ha)	6086	7934	17086	6286	2624

## Summary WFT 2002 Timothy - Saskatchewan

	Cultivar Mean Yield Summary(kg/ha)				
	1	2		IRR	
	SWIFT CURRE- NT	SASKATOON		OUTLOOK	
	2004*	2003	2004	2003	2004
Cultivar					
45-214	1,377	3,966	4,324	12,864	12,440
CHARLTON	714	2,067	3,231	11,629	11,246
CLIMAX	1,084	3,539	3,357	12,641	12,708
JONATON	441	2,488	2,771	14,389	12,063
NS02TY	1,253	3,958	3,914	11,659	12,369

Trial Mean                                      974   3,203   3,519   12,636   12,165

	Yield as % of CLIMAX				
	1	2		IRR	
	SWIFT CURRE- NT	SASKATOON		OUTLOOK	
	2004*	2003	2004	2003	2004
Cultivar					
45-214	127	112	129	102	98
CHARLTON	66	58	96	92	88
CLIMAX	100	100	100	100	100
JONATON	41	70	83	114	95
NS02TY	116	112	117	92	97

CUTS    1        2        2        2        2  
 CV(%)    23.5   18.3   16.7   11.8   10.9  
 CLIMAX (kg/ha)                                1084   3539   3357   12641   12708

Note: Swift Current 2003 data not reported due to gopher damage

**\* Please note trial CV over 20 % \***

Summary WFT 2002 Timothy - Manitoba  
(St. Pierre seeded 2003)

	Cultivar Mean Yield Summary (kg/ha)		
	3		
	ARBORG		ST. PIERRE
	2003	2004	2004
Cultivar			
45-214	1,610	3,872	5,206
CHARLTON	1,781	3,604	4,700
CLIMAX	1,760	3,942	4,728
JONATON	2,006	4,273	4,769
NS02TY	1,524	3,432	4,348

Trial Mean                    1,736    3,824    4,750

	Yield as % of CLIMAX		
	3		
	ARBORG		ST. PIERRE
	2003	2004	2004
Cultivar			
45-214	91	98	110
CHARLTON	101	91	99
CLIMAX	100	100	100
JONATON	114	108	101
NS02TY	87	87	92

CUTS                                    1            1            1  
CV(%)                                    12.7      13.1      19.8  
CLIMAX (kg/ha)                    1760      3942      4728

## Summary WFT 2004 Italian Ryegrass - All Locations

	Cultivar Mean Yield Summary (kg/ha)			
	3	IRR		
		ARBORG	BROOKS	LETHB- RIDGE
	2004*	2004	2004	2004*
Cultivar MARIS LEDGER NS04-I01	6,896 7,652	11,878 11,501	7,171 6,637	8,432 8,585
Trial Mean	7,274	11,689	6,904	8,585

	Yield as % of MARIS LEDGER			
	3	IRR		
		ARBORG	BROOKS	LETHB- RIDGE
	2004*	2004	2004	2004*
Cultivar MARIS LEDGER NS04-I01	100 111	100 97	100 93	100 102
CUTS	2	2	1	1
CV(%)	27.0	11.2	11.0	21.7
MARIS LEDGER (kg/ha)	6896	11878	7170	8432

**\* Please note trial CV over 20 % \***

## Summary WFT 2004 Westerwold Ryegrass- All Locations

	Cultivar Mean Yield Summary (kg/ha)			
	3	IRR		
		ARBORG	BROOKS	LETHB- RIDGE
	2004	2004	2004	2004
Cultivar AUBADE	6,211	14,540	8,932	10,290
ELUNARIA	6,464	13,358	9,827	10,183
<b>Trial Mean</b>	<b>6,337</b>	<b>13,949</b>	<b>9,379</b>	<b>10,237</b>

	Yield as % of AUBADE			
	3	IRR		
		ARBORG	BROOKS	LETHB- RIDGE
	2004	2004	2004	2004
Cultivar AUBADE	100	100	100	100
ELUNARIA	104	92	110	99

CUTS	2	3	2	1
CV(%)	6.9	5.3	7.8	6.4
AUBADE (kg/ha)	6211	14540	8932	10290

**Western Forage Testing Coordinating Committee  
Application for Entry into Registration Trials**

1. **Species**
2. **Experimental Name or Number**
3. **Cultivar Name (if named)**
4. **Applicant Name (Canadian sponsor) and Address**
5. **Breeder's Name and Address**
6. **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.**
7. **Brief Cultivar Description**
8. **Maturity: Indicate the relative maturity (early, medium, late) if applicable.**
9. **Specialty Traits: Other noteworthy traits of the entry, if applicable.**

**Note:**

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

**Send applications for entries, seed and fees to:**

**Henry Najda  
Crop Diversification Centre South  
SS 4  
Brooks, AB T1R 1E6**

**Phone: (403) 362-1346  
Fax: (403) 362-1306  
e-mail : [henry.najda@gov.ab.ca](mailto:henry.najda@gov.ab.ca)**

**Deadlines:        Entries -            February 15  
                      Seed & Fees -        March 15**