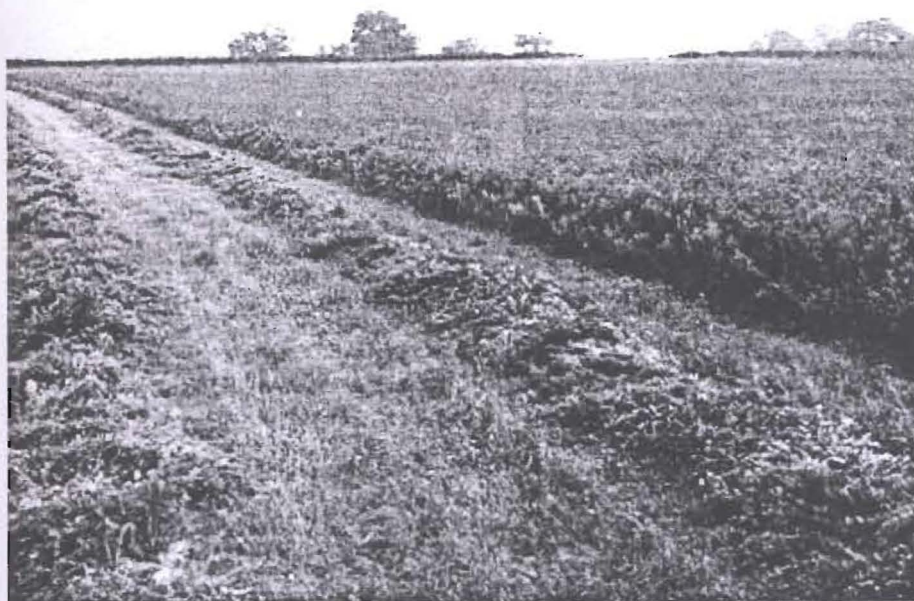


ONTARIO FORAGE CROP INVESTIGATIONS



2002 REPORT ON FIELD TRIALS OF VARIETIES AND MIXTURES

- Huron Park
- Guelph
- Kemptville
- New Liskeard
- Thunder Bay
- Kapuskasing

2002 REPORT ON FORAGE CROPS TRIALS

ONTARIO FORAGE CROP COMMITTEE

Compiled by: Donna Hancock

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Conducted co-operatively by:

**University of Guelph
Ontario Ministry of Agriculture, Food and Rural Affairs
Agriculture and Agri-Food Canada.**

This is the 2002 Ontario Forage Crop Investigations Report. The information contained here was published as submitted by the crop coordinators. Names and addresses of each crop coordinator are provided to facilitate further inquiries if such a need arises.

***Not For Publication:* This is a progress report of co-operative investigations containing data, the interpretation of which may be modified with additional experimentation. Therefore, publication of any data or statements herein should not be made without prior written approval of the organization and personnel concerned.**

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Additional copies of this report is obtainable from the Secretary (Mr. Jim Johnston).

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ONTARIO
 Elora
 Alfalfa Reg Trial E
 Expt. 2765
 Seeded 1999

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2	Cut 3				
1001	SARANAC	3782	3646	1484	8707	9952	11315	29888
1073	SURPASS	4014	3540	1528	9018	9595	11212	29773
1074	ARROW	3899	3083	1258	8130	9277	10446	27839
1352	WL_282	4454	3679	1594	9498	10939	11323	31893
1469	DK121HG	3375	2617	924	6936	7959	10325	25233
1498	DK134	4339	4232	2134	10776	12038	11089	33958
1499	CW63002	4293	4097	1815	10156	11121	11242	32421
1501	A9401	3817	3194	1566	8670	9813	10963	29673
1502	ROCKET	4765	3901	1946	10656	11305	11663	33658
1505	SL9903	3793	3120	1407	8365	9599	11319	29564
1507	DS9801	4578	3813	1848	10190	11296	11234	33075
1508	DS9920	4641	3898	2073	10692	11480	11220	33682
1511	C227	3793	3565	1721	9180	10105	10843	30228
1513	GH750	3997	3629	1722	9269	10345	11117	30756
1515	PLATINUM	3811	3755	1599	9424	9916	11366	30514
1518	POWER_PLANT	4080	3792	1878	9904	9966	10475	30237
1522	FORECAST_300	4266	3720	1790	9659	10707	11065	31188
1525	FORECAST_100	4557	4084	2192	10824	11231	11154	33166
1527	4G71	4465	4189	1943	10626	11468	11587	33671
1528	NSCL_27	4541	3766	1697	9823	11023	11877	32556
9006	OAC_MINTO	3695	3206	1274	8204	8101	10087	26301
9041	ONEIDA_VR	4115	3493	1643	9314	10426	10656	30117
9053	CENTURION	3977	3346	1436	8864	9456	12015	30206
900	Mean	4133	3625	1673	9430	10310	11113	30852
901	CV	8.0	7.1	8.7	5.2	6.1	4.8	4.1
905	MCV	9.4	8.4	10.3	6.2	7.2	5.7	4.8
902	LSD	390.5	303.1	171.7	582.2	742.6	632.2	1486.3
906	LSR	28.1	18.8	13.5	15.0	18.2	32.8	17.0
907	Pr>F(Trts)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
908	R_square	68.2	82.9	91.7	87.0	82.6	71.8	85.1

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Elora
 Alfalfa Reg Trial H
 Expt. 2768
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2					
1001	SARANAC	3791	3168	1745	8705	9300	11614	29151
1074	ARROW	3550	3125	1600	8287	9800	11837	29622
1163	PICKSD8920MF	4304	3419	1847	9521	10739	12817	32963
1470	TRAILBLAZER	2975	2415	1243	6712	7941	11037	25765
1474	GENEVA	4433	4332	2463	11263	12384	12611	36110
1475	NK711MF	4080	4195	2118	10388	12046	12351	34469
1476	A9423	2660	3182	1731	7437	10343	12242	30442
1477	A9503	3637	3210	1621	8546	9825	12357	30110
1478	CW5435	4094	3754	2078	9942	11141	11204	31914
1479	CW6304	4492	3770	1962	10244	11730	11928	33990
1480	FQ314	3963	3335	1837	9108	10722	11481	31388
1481	FQ315	4671	3824	2164	10723	11840	12385	34227
1482	CW5440	4138	3722	2002	9876	11394	12249	33380
1483	ABI_9142	3543	3463	1920	8989	9822	11975	30686
1486	AC_BRADOR	4471	3904	1880	10037	11782	11994	34734
1487	ABT_227LH	3225	2614	1435	7246	10024	11775	29582
1489	WL232HQ	3647	3590	1953	9280	10291	11405	30395
1490	BARALFA	3622	3322	1857	8777	10791	11421	31143
1491	A9421	3643	3280	1669	8672	10503	12085	31794
1492	QS-75	3484	2776	1276	7410	9502	10813	28388
1493	TMF_421	3368	3115	1381	7839	9567	11450	29265
9053	CENTURION	3531	2866	1450	7933	9801	12586	30318
900	Mean	3787	3381	1783	8952	10513	11892	31356
901	CV	15.6	5.9	9.1	7.3	7.1	3.9	5.5
905	MCV	21.5	8.1	12.5	10.0	9.8	5.4	7.6
902	LSD	814.7	272.3	222.5	896.9	1031.9	638.2	2380.8
906	LSR	40.5	14.2	18.2	19.7	23.2	31.8	23.0
907	Pr>F(Trts)	0.0258	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
908	R_square	54.7	91.5	86.5	84.5	78.7	88.1	78.8

RCBD arrangement, 3 blocks {234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Elora
 Alfalfa Reg A 2000
 Expt. 2793
 Seeded 2000

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3			
1001	SARANAC	3924	3745	1675	9346	10638	20157
1074	ARROW	3926	3579	1840	9314	10964	20003
1298	5312	4382	3701	1920	9987	11720	21968
1325	MAGNUM_IV	4168	3960	2114	10270	11711	22097
1529	VALUEPLUS1	4415	4385	2449	11266	13052	24059
1530	3R58	4924	4441	2609	11991	13212	24944
1531	INTRIGUE	4669	4525	2334	11495	13112	24487
1533	TRAILBLAZER3	3875	3494	1831	9183	11749	21118
1534	A9502	4204	3838	1934	9989	11989	22169
1535	RELIANCE	4586	4439	2551	11630	12740	24374
1536	X787	4551	4373	2609	11543	13227	24781
1537	X688	4743	4491	2328	11555	13176	24368
1538	DS025	3559	3414	1690	8676	11639	20565
1539	DS026	4190	4236	2144	10596	11999	22845
1540	5301ML	3996	3531	1864	9367	11192	20239
1541	TMF_MULT_III	5029	4516	2650	12177	12962	25032
1542	DS9810	4562	4219	2325	11085	11798	22913
1543	ONEIDA_ULTRA	4255	3742	1921	9915	11496	21416
1544	CW73038	4547	4137	2142	10809	12791	23616
9053	CENTURION	3982	3567	1764	9316	11314	20841
900	Mean	4324	4017	2135	10475	12124	22600
901	CV	6.8	7.4	8.2	5.8	6.5	4.9
905	MCV	8.1	8.8	9.7	7.0	7.7	5.9
902	LSD	350.5	353.7	207.2	728.4	936.7	1322.2
906	LSR	23.8	31.8	21.2	20.8	36.2	26.3
907	Pr>F(Trts)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
908	R_square	73.2	71.6	82.9	81.2	69.0	80.2

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Huron Park
Alfalfa Registration A
Expt. 5044
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	9556	3385	12897	14982	27914
1074	ARROW	9696	3784	13119	14964	27947
1298	5312	10033	3633	13599	17303	30841
1325	MAGNUM_IV	9042	3573	13302	15331	29172
1529	3G56	8656	4012	12051	15490	27186
1530	3R58	9444	4139	14089	15419	29683
1531	3G61	9608	4096	13357	15817	29024
1533	TRAILBLAZER3	10403	3577	13639	15767	29309
1534	A9502	9124	3264	12118	17904	29687
1535	RELIANCE	9349	3830	12869	13445	26497
1536	X787	8923	3071	12723	15894	29042
1537	X688	10052	3622	13752	16315	29818
1538	DS025	9917	3437	13705	16144	30066
1539	DS026	10280	3666	13856	16209	29839
1540	5301ML	9955	3394	13926	15881	30005
1541	TMF_MULT_III	9838	3249	13161	18038	31188
1542	DS9810	8520	3681	12354	16223	28382
1543	ONEIDA_ULTRA	9144	3687	13028	16536	29777
1544	CW73038	9866	3570	13030	15696	28643
9053	CENTURION	9553	3576	12630	16360	28900
900	MEAN	9548	3612	13160	15986	29146
901	CV	11.5	20.7	11.3	11.7	9.7
905	MCV	13.7	24.6	13.4	13.9	11.6
902	LSD	1306.0	888.4	1764.4	2222.1	3383.3
906	LSR	69.4	83.2	86.6	48.4	72.1
907	PR>F (TRTS)	0.5820	0.9295	0.8658	0.3072	0.8661

RCBD arrangement, 4 blocks {1234}
Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Alfalfa Reg A 2000
 Expt. 200006
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	7685	2884	10651	12670	23139
1074	ARROW	7978	2870	11032	13828	24705
1298	5312	7593	3081	10623	14174	24904
1325	MAGNUM_IV	8601	2925	11563	13567	25232
1529	VALUEPLUS1	8168	2683	10867	12863	23651
1530	3R58	7539	3611	11054	13993	24701
1531	INTRIGUE	8007	2579	10583	13699	24693
1533	TRAILBLAZER3	7875	2768	10501	14908	25472
1534	A9502	7708	2823	10542	14370	25160
1535	RELIANCE	8030	2882	10911	12984	23985
1536	X787	7820	2718	10384	13883	24290
1537	X688	7837	2840	10759	13415	24085
1538	DS025	7030	2591	9628	14748	24135
1539	DS026	8490	2988	11470	13668	24925
1540	5301ML	8337	2684	11074	12768	23983
1541	TMF_MULT_III	8691	2873	11631	13131	24822
1542	DS9810	7705	2964	10607	13699	24220
1543	ONEIDA_ULTRA	8127	3528	11702	13946	25807
1544	CW73038	7751	2949	10587	13451	24273
9053	CENTURION	7547	2713	10304	14698	24753
900	Mean	7926	2898	10824	13723	24547
901	CV	10.3	20.4	9.1	9.6	5.9
905	MCV	12.3	24.3	10.8	11.4	7.1
902	LSD	974.0	703.4	1171.4	1563.8	1731.5
906	LSR	58.6	68.2	56.5	69.9	64.9
907	Pr>F(Trts)	0.5313	0.6964	0.4394	0.5028	0.7331
908	R_square	42.6	29.1	44.9	35.3	44.0

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Elora
 Registration Trial B 2000
 Expt. 2780
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	2yrTot
		Cut 1	Cut 2				
1001	SARANAC	3872	3548	1711	9137	12423	21496
1074	ARROW	4086	3474	1703	9193	13456	22626
1163	PICKSD8920MF	4446	3761	1955	10225	13644	24023
1497	DK124	4717	3978	2212	10896	13553	24493
1499	CW63002	4558	4254	2239	11136	14122	25273
1502	ROCKET	4464	4282	2285	10975	14346	25285
1504	PICKSD2065MF	4815	4482	2374	11718	13880	25645
1506	DS9412	4455	3983	2205	10720	13924	24639
1508	DS9920	4608	4035	2212	10796	13234	24060
1512	C304	4582	3863	2117	10478	13319	23667
1514	C232	4124	3441	1785	9333	13736	23206
1517	A9513	4345	3658	1862	9923	14045	24057
1519	ZG9639	4012	3646	2013	9698	13582	23314
1521	DS101	4249	4043	2300	10564	13859	24252
1523	DS9833	4400	3691	2046	10076	13156	23097
1526	QS-3	4272	3869	2183	10326	13704	24042
1528	NSCL_27	4581	3831	2149	10605	14380	25049
9053	CENTURION	4131	3433	1765	9306	13206	22452
900	Mean	4373	3849	2062	10284	13643	23927
901	CV	8.2	6.7	7.6	5.8	4.3	4.1
905	MCV	9.7	8.0	9.0	6.9	5.1	4.9
902	LSD	425.4	306.7	186.3	705.8	691.5	1162.5
906	LSR	45.1	29.2	27.8	27.4	35.3	28.0
907	Pr>F(Trts)	0.0308	0.0000	0.0000	0.0000	0.0039	0.0000
908	R_square	60.6	82.6	87.0	82.7	78.7	83.0

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Huron Park
Alfalfa Registration B
Expt. 5055
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	9009	3125	12218	17512	29504
1074	ARROW	9145	3381	12479	18074	30850
1163	PICKSD8920MF	9331	3690	12969	16973	29891
1497	DK124	9607	4591	14044	17709	32248
1499	CW63002	10009	4008	13965	18156	32461
1502	A9521	8720	3419	12262	17987	29806
1504	PICKSD2065MF	8990	4370	13383	16662	30074
1506	SL9900	8923	4217	13050	17104	30551
1508	SL9902	9353	3814	13073	17276	30351
1512	C304	9603	3697	13336	16592	29748
1514	C232	10155	4239	14414	18144	32473
1517	A9513	8876	4048	12910	16721	29379
1519	ZG9639	9649	3566	13258	16405	29340
1521	DS101	9379	3859	13243	16397	29751
1523	DS9833	9194	4038	13200	17954	31288
1526	QS-3	9437	3570	12926	17499	30556
1528	NSCL_27	9135	3521	12875	17125	29656
9053	CENTURION	9604	3463	13130	16811	29909
900	MEAN	9340	3812	13152	17283	30435
901	CV	7.6	14.8	7.1	7.8	5.5
905	MCV	9.1	17.6	8.5	9.3	6.5
902	LSD	849.0	671.0	1113.4	1599.7	1980.2
906	LSR	59.2	45.8	50.7	91.0	63.2
907	PR>F (TRTS)	0.3427	0.0496	0.1961	0.6551	0.1304

RCBD arrangement, 4 blocks {1234}
Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Alfalfa Reg B 2000
 Expt. 200007
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	6546	3273	9771	11256	20952
1074	ARROW	6963	2680	9749	11473	21013
1163	PICKSD8920MF	6659	2808	9482	9842	19238
1497	DK124	6612	3128	9749	9864	19946
1499	CW63002	6126	3029	9253	11143	20270
1502	ROCKET	6537	2738	9224	10342	19534
1504	PICKSD2065MF	6576	3186	9765	11110	20817
1506	DS9412	6544	2823	9289	11304	20796
1508	DS9920	7028	3013	9979	11121	21467
1512	C304	6998	3137	10195	11057	21161
1514	C232	7607	2901	10515	11956	22451
1517	A9513	6883	2740	9613	11344	21014
1519	ZG9639	6495	2847	9358	10578	19869
1521	DS101	7680	2908	10530	12365	22989
1523	DS9833	5786	2699	8526	11260	19969
1526	QS-3	6429	2923	9333	10181	19492
1528	NSCL_27	6580	3019	9599	10592	19884
9053	CENTURION	7392	2963	10323	11084	21264
900	Mean	6747	2934	9681	10993	20674
901	CV	15.3	10.1	11.1	11.5	9.0
905	MCV	18.2	12.0	13.2	13.7	10.7
902	LSD	1228.3	351.5	1279.2	1505.6	2207.9
906	LSR	64.9	59.3	63.8	59.7	58.9
907	Pr>F (Trts)	0.6428	0.2147	0.6314	0.3802	0.3502
908	R_square	36.9	64.5	49.9	43.1	53.6

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Pakenham
Alf Reg B
Expt. 3160
Seeded 2000

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3			
1001	SARANAC	4102	3231	2723	10055	8970	19025
1074	ARROW	3870	3033	2689	9592	8664	18257
1163	PICKSD8920MF	4019	3137	2615	9771	9490	19261
1497	DK124	3848	3418	2995	10260	8987	19248
1499	CW63002	3892	3165	2754	9811	8863	18675
1502	ROCKET	4031	3165	3313	10508	9419	19927
1504	PICKSD2065MF	4022	3329	2987	10339	9142	19481
1506	DS9412	4367	3097	2817	10281	8757	19038
1508	DS9920	3702	3394	2807	9904	8910	18814
1512	C304	4085	3164	3294	10544	9967	20511
1514	C232	4156	2779	3132	10067	9382	19449
1517	A9513	3487	2690	2443	8620	8984	17604
1519	ZG9639	4215	3245	3034	10494	8305	18799
1521	DS101	3901	3428	2980	10309	9422	19731
1523	DS9833	4295	2997	3118	10410	8766	19176
1526	QS-3	3927	3066	3237	10229	9372	19601
1528	NSCL_27	3573	3228	3085	9886	8884	18770
9053	CENTURION	3877	3123	2442	9441	8728	18170
900	Mean	3965	3149	2915	10029	9056	19085
901	CV	7.9	11.7	10.7	5.7	9.2	5.9
905	MCV	10.9	16.2	14.8	7.9	12.7	8.2
902	LSD	433.4	510.0	430.8	787.3	1149.1	1565.0
906	LSR	49.3	69.1	49.5	40.9	69.1	53.8
907	Pr>F(Trts)	0.1097	0.6203	0.0226	0.0313	0.8114	0.3955
908	R_square	49.5	41.8	57.9	52.1	32.5	40.0

RCBD arrangement, 3 blocks {134}

ONTARIO
 Elora
 Alfalfa Reg Trial C 2000
 Expt. 2781
 Seeded 2000

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3			
1001	SARANAC	3777	3479	1474	8695	11463	20096
1074	ARROW	4170	3624	1592	9344	13128	22428
1498	DK134	4534	4527	2162	11236	14208	25437
1500	PERFECT	4454	4070	2036	10528	14029	24667
1501	A9401	4221	3891	1710	9794	13404	23321
1503	A9624	4576	4359	2017	11082	14126	25079
1505	SL9903	3709	3462	1501	8733	13112	21779
1507	DS9801	4263	4112	2012	10363	12584	22929
1509	PAR_4338	4559	3970	1721	10180	12952	23084
1511	C227	4111	4082	1880	9967	12697	22530
1513	GH750	3914	3953	1836	9702	13130	22785
1515	PLATINUM	4460	3791	1657	9828	12469	22375
1516	A9501	4190	3935	1751	9928	13672	23576
1518	POWER_PLANT	4624	3971	1900	10460	13249	23884
1520	ZC9544	4247	3843	1752	9756	13634	23428
1522	FORECAST_300	4580	4135	2041	10795	13024	24022
1524	DS9705	4919	4304	1992	11342	13773	25070
1525	FORECAST_100	4678	4351	2152	11396	13439	24710
1527	4G71	4604	4241	1986	10703	13716	24498
9053	CENTURION	3957	3631	1587	9206	13562	22713
900	Mean	4327	3987	1838	10152	13269	23420
901	CV	9.3	5.0	6.0	5.7	4.6	4.3
905	MCV	11.1	6.0	7.2	6.8	5.5	5.1
902	LSD	480.2	237.5	132.1	691.5	725.0	1199.2
906	LSR	39.7	22.3	19.2	25.6	26.4	22.4
907	Pr>F(Trts)	0.0051	0.0000	0.0000	0.0000	0.0000	0.0000
908	R_square	63.7	77.4	83.9	75.9	77.5	77.5

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Huron Park
Alfalfa Registration C
Expt. 5056
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	8563	3048	11575	13374	25255
1074	ARROW	9065	2933	12040	13876	25851
1498	DK134	8357	3383	11711	14280	25752
1500	CW64008	7998	2969	10885	14205	25123
1501	A9401	8669	2610	11303	13786	24856
1503	A9624	8660	3241	11948	14700	26201
1505	SL9903	8900	3386	12240	13779	25930
1507	DS9801	7901	3088	11033	14353	25621
1509	PAR_4338	7727	2478	10244	12150	22379
1511	C227	8908	3462	12388	14119	26414
1513	GH750	8133	3268	11364	14459	26403
1515	PLATINUM	8389	2603	11046	13793	24631
1516	A9501	8251	2822	11065	14534	25525
1518	POWER_PLANT	8330	2787	11148	12948	24083
1520	ZC9544	8422	3254	11661	13895	25695
1522	DS9565	8435	2965	11417	13186	24741
1524	DS9705	8583	3027	11576	13783	25331
1525	DS9579	7997	3212	11221	15353	26263
1527	4G71	8330	3103	11408	14272	25864
9053	CENTURION	8096	2852	10933	13568	24698
900	MEAN	8386	3024	11410	13921	25331
901	CV	9.4	22.3	10.0	9.8	6.5
905	MCV	11.2	26.6	12.0	11.7	7.7
902	LSD	943.0	803.5	1365.0	1628.6	1949.6
906	LSR	70.5	81.6	63.7	50.8	48.3
907	PR>F (TRTS)	0.7041	0.8838	0.7291	0.4897	0.2266

RCBD arrangement, 4 blocks {1234}
Nearest-neighbour covariance adjusted.

ONTARIO
 New Lisheard
 Alfalfa Reg C 2000
 Expt. 200008
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
1001	SARANAC	8089	3156	11109	11148	22049
1074	ARROW	7983	2703	10653	11603	22474
1498	DK134	8302	2633	11010	11282	22394
1500	PERFECT	7216	2756	10012	11366	21249
1501	A9401	7866	3047	10798	12431	23464
1503	A9624	7758	2634	10334	10190	20675
1505	SL9903	7122	2681	9786	10328	19950
1507	DS9801	8742	2748	11490	10478	21896
1509	PAR_4338	7295	2885	10152	10857	20982
1511	C227	7870	2805	10703	10261	21335
1513	GH750	8040	2751	10875	11472	22338
1515	PLATINUM	7052	2479	9547	11787	21340
1516	A9501	7232	2846	10044	12154	22024
1518	POWER_PLANT	7428	2897	10314	11405	21511
1520	ZC9544	7212	2804	9980	11232	20870
1522	FORECAST_300	7652	2971	10684	11123	22091
1524	DS9705	7195	2779	9975	11248	21372
1525	FORECAST_100	8467	2706	11418	11015	22360
1527	4G71	7901	2718	10566	11443	22076
9053	CENTURION	7679	2912	10566	10842	21231
900	Mean	7705	2796	10501	11183	21684
901	CV	15.0	11.5	10.6	9.7	7.0
905	MCV	17.8	13.7	12.6	11.5	8.3
902	LSD	1374.8	382.4	1324.8	1288.4	1806.3
906	LSR	81.3	56.5	68.2	57.5	51.4
907	Pr>F(Trts)	0.8362	0.6790	0.6061	0.3012	0.4422
908	R_square	48.6	54.1	62.4	51.1	63.2

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Pakenham
Alf Reg C
Expt. 3161
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	2yrTot
		Cut 1	Cut 2				
1001	SARANAC	4194	2915	2212	9322	9083	18405
1074	ARROW	4339	2849	2293	9480	9739	19220
1498	DK134	4463	3280	2837	10581	10145	20725
1500	PERFECT	4701	3206	2936	10843	10640	21482
1501	A9401	4180	2873	2473	9527	10233	19760
1503	A9624	3949	2957	2762	9669	10148	19817
1505	SL9903	4510	2819	2152	9481	9998	19479
1507	DS9801	4693	3092	2869	10653	10926	21579
1509	PAR_4338	4389	3232	3086	10707	10142	20849
1511	C227	4263	2796	2564	9623	10314	19936
1513	GH750	4468	2771	2583	9822	10222	20045
1515	PLATINUM	4489	3116	2627	10232	9489	19722
1516	A9501	4679	3110	2272	10061	10050	20111
1518	POWER_PLANT	4353	3114	2490	9958	8779	18737
1520	ZC9544	4389	3037	2723	10150	9784	19934
1522	FORECAST_300	4167	2733	2621	9521	9929	19450
1524	DS9705	4536	2791	2263	9590	9371	18961
1525	FORECAST_100	4353	3235	2950	10538	9535	20072
1527	4G71	4173	3016	2695	9884	10140	20024
9053	CENTURION	4430	3175	2506	10110	10030	20141
900	Mean	4386	3006	2596	9988	9935	19922
901	CV	7.1	9.7	10.5	6.4	7.5	4.4
905	MCV	8.5	11.5	12.5	7.6	9.0	5.3
902	LSD	370.9	346.2	323.3	757.2	890.0	1047.5
906	LSR	49.3	63.3	34.6	49.8	41.4	33.0
907	Pr>F(Trts)	0.0958	0.1242	0.0000	0.0106	0.0444	0.0002
908	R_square	39.4	40.9	58.8	44.0	40.7	55.1

RCBD arrangement, 4 blocks {1234}

		Yield (kg DM/ ha)		
CODE	CULTIVARS	Cut 1	Cut 2	Total
1074	ARROW	3681	2234	5915
1501	A9401	4442	2159	6601
1516	A9501	4200	2322	6521
1503	A9624	3883	2068	5951
9053	CENTURION	4380	2382	6762
1500	CW_64008	4325	2251	6576
1511	C227	4085	2085	6170
1498	DK_134	4365	2398	6763
1522	DS9565	3846	2263	6109
1525	DS9579	3999	2146	6144
1524	DS9705	4018	2262	6280
1507	DS9801	4177	2342	6519
1505	DS9921	4426	2488	6914
1513	GH_750	3662	2324	5986
1509	PAR4338	4358	2159	6518
1515	PLATINUM	3794	2116	5910
1518	POWER_PLANT	4562	2145	6707
1001	SARANAC	4472	2337	6809
1520	ZC_9544	3895	2279	6174
1527	4G71	4062	2190	6252
MEAN		4132	2247	6379
C.V. (%) :		9.97	9.59	6.93
F :		*	n.s.	*
L.S.D. (5%) :		583	305	626

ONTARIO
 Elora
 Registration Trial A
 Expt. 2794
 Seeded 2001

Code	Cultivar	2002 (kg/ha)			Tot02
		Cut 1	Cut 2	Cut 3	
1001	SARANAC	4349	3251	2389	9995
1298	5312	4508	3256	2637	10408
1325	MAGNUM_IV	4479	3643	2650	10757
1529	VALUEPLUS1	4079	3851	2674	10638
1530	3R58	4267	3693	2502	10465
1531	INTRIGUE	4034	3817	2330	10101
1534	A9502	4309	3436	2673	10365
1535	RELIANCE	4281	3596	2316	10225
1536	X787	4175	3554	2731	10456
1537	X688	4049	3769	2522	10439
1538	DS025	4131	3372	2265	9796
1539	DS026	3937	3571	2515	10046
1540	5301ML	4167	3347	2449	9921
1541	TMF_MULT_III	4373	3926	2586	10926
1542	DS9810	4259	3555	2474	10297
1543	ONEIDA_ULTRA	4224	3273	2464	9980
1544	CW73038	4278	3439	2489	10100
900	Mean	4229	3550	2510	10289
901	CV	6.0	6.0	9.8	3.3
905	MCV	7.1	7.2	11.7	4.0
902	LSD	301.4	254.4	292.9	409.6
906	LSR	52.9	37.7	62.8	36.3
907	Pr>F(Trts)	0.1668	0.0001	0.2883	0.0010
908	R_square	77.1	85.2	62.5	92.2

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Huron Park
Alfalfa Registration 2001
Expt. 5060
Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
1001	SARANAC	7771	3429	11192
1298	5312	8464	3247	11832
1325	MAGNUM_IV	8455	3577	12034
1419	54V54	7485	3253	10797
1494	53Q60	8165	3509	11677
1529	3G56	7270	3448	10848
1530	3R58	7790	3221	10697
1531	3G61	7480	3280	10666
1534	A9502	7690	3369	11216
1535	RELIANCE	7781	3767	11657
1536	X787	7518	3018	10489
1537	X688	7310	2941	10183
1538	DS025	7610	4147	11741
1539	DS026	7821	3594	11304
1540	5301ML	7135	2732	9860
1541	TMF_MULT_III	7973	2494	10390
1542	DS9810	7771	3161	11067
1543	ONEIDA_ULTRA	7638	2867	10496
1544	CW73038	8582	2912	11355
1576	M777	7004	2365	9545
900	MEAN	7736	3217	10952
901	CV	10.4	16.2	9.3
905	MCV	12.3	19.2	11.0
902	LSD	953.6	618.8	1207.1
906	LSR	60.5	34.7	48.5
907	PR>F (TRTS)	0.3356	0.0025	0.0509

RCBD arrangement, 4 blocks {1234}
Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Alfalfa Registration Test
 Expt. 200103
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
1001	SARANAC	6389	4464	10711
1298	5312	5060	4370	9309
1325	MAGNUM_IV	4968	4291	9445
1361	ABUNDANCE	4716	4545	9156
1419	54V54	5141	4385	9635
1474	GENEVA	5859	4561	10573
1475	NK711MF	6093	4324	10400
1494	53Q60	4416	4216	8544
1507	DS9801	6445	4360	10735
1529	VALUEPLUS1	4914	4599	9666
1530	3R58	5462	4175	9762
1531	INTRIGUE	4514	4434	9053
1534	A9502	5294	4536	9760
1535	RELIANCE	5887	4333	10223
1536	X787	5745	4327	10104
1537	X688	5675	4485	9997
1538	DS025	5221	4230	9434
1539	DS026	4749	4447	9070
1540	5301ML	5955	4176	10168
1541	TMF_MULT_III	6970	4128	11012
1542	DS9810	5491	4497	10001
1543	ONEIDA_ULTRA	5929	4668	10615
1544	CW73038	4942	4538	9552
900	Mean	5471	4395	9866
901	CV	19.8	5.6	10.4
905	MCV	23.4	6.7	12.2
902	LSD	1278.1	293.3	1208.4
906	LSR	50.0	54.3	49.0
907	Pr>F(Trts)	0.1300	0.1406	0.1056
908	R_square	60.0	49.9	55.8

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Elora
 Alfalfa Performance Trial
 Expt. 2802
 Seeded 2001

Code	Cultivar	2002 (kg/ha)			Tot02
		Cut 1	Cut 2	Cut 3	
1001	SARANAC	4755	2999	2000	9773
1285	FORERUNNER	4686	3069	2009	9737
1290	ACCEL	4639	2836	1904	9422
1298	5312	4969	2745	1730	9338
1306	PROOF	4548	3273	2028	9805
1324	HORNET	4664	3104	2064	9802
1325	MAGNUM_IV	4873	3336	2129	10303
1361	ABUNDANCE	4758	3010	1907	9532
1362	DEEPKROWN	4870	2975	2036	9748
1388	GOLD_PLUS	4494	3070	1980	9550
1419	54V54	4655	3103	2049	9814
1474	GENEVA	4873	3063	2048	9859
1475	NK711MF	4637	3137	1984	9749
1494	53Q60	4649	3054	1942	9750
1525	FORECAST_100	4555	3026	1982	9763
1531	INTRIGUE	5036	3119	2016	10039
1536	X787	4842	3017	1990	9961
1567	SX1001A	4986	3084	1858	9920
1568	SX1002A	4633	2935	1951	9499
1569	SX1003A	4620	2850	1951	9470
1570	SX1004A	5005	2605	1756	9317
1571	SX1005A	4899	2806	1905	9743
1572	ZC9854A	4449	2885	1893	9174
1573	AMERISTAND40	4530	2783	1709	9164
1574	NS0_M5	4748	2739	1678	9192
1575	CIMARRON3I	4707	2545	1842	9161
1576	M777	4240	2825	1833	8849
1577	STARBUCK	4782	3135	2070	10038
900	Mean	4718	2969	1937	9624
901	CV	6.8	6.1	6.4	4.7
905	MCV	8.1	7.2	7.5	5.6
902	LSD	379.8	213.8	145.6	534.4
906	LSR	47.7	27.0	32.3	36.7
907	Pr>F(Trts)	0.2391	0.0000	0.0000	0.0053
908	R_square	69.8	90.1	88.3	69.6

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Kemptville
 Alfalfa Performance Trial
 Expt. 3173
 Seeded 2001

Code	Cultivar	2002 (kg/ha)			Tot02
		Cut 1	Cut 2	Cut 3	
1285	FORERUNNER	4040	3034	2763	9837
1290	ACCEL	3791	2792	2548	9131
1298	5312	3927	2968	2456	9352
1306	PROOF	3769	2998	2408	9174
1324	HORNET	3865	3033	2782	9679
1325	MAGNUM_IV	3934	2689	2493	9116
1356	ABACUS	3877	2771	2438	9086
1361	ABUNDANCE	3819	3014	2290	9124
1362	DEEPKROWN	3861	2434	2766	9060
1388	GOLD_PLUS	3618	2829	2742	9190
1419	54V54	3719	2827	2531	9078
1457	AC_VIVA	3696	2994	2650	9339
1474	GENEVA	3986	2864	2699	9549
1475	NK711MF	4660	3153	2657	10470
1494	53Q60	3810	3018	2403	9231
1507	DS9801	3833	2788	2433	9053
1531	INTRIGUE	4010	2345	2550	8905
1576	M777	3473	2654	2393	8520
1577	STARBUCK	3932	2943	2705	9580
1578	DUPLICATE ENTRY	3535	2046	3157	8738
900	Mean	3860	2835	2570	9265
901	CV	7.7	14.0	8.0	6.3
905	MCV	9.1	16.7	9.5	7.5
902	LSD	352.6	473.1	244.8	697.1
906	LSR	29.7	42.7	28.3	35.8
907	Pr>F (Trts)	0.0191	0.2718	0.0044	0.0665
908	R_square	55.0	36.3	54.0	42.4

RCBD arrangement, 4 blocks {1234}

Ontario
Elora
Alfalfa Persistence Trial
Seeded 1998

2002 Yield kg/ha

Cultivar	Code	Cut1	Cut2	Cut3	Total
SARANAC	1001	4096	3898	1098	9214
EXCALIBUR	1039	4150	3897	1104	9203
ARROW	1074	3968	4093	1082	9076
JACKPOT	1318	3815	3877	1107	8730
HORNET	1324	4611	5067	1679	11420
WL_282	1352	4314	4242	1461	10045
ABACUS	1356	3485	3274	846	7507
ZG9346	1409	4649	3957	1116	9765
53V08	1434	5388	5165	1591	12216
TRUENORTH	1445	3715	4285	1190	9098
AVENGER	1446	3999	4073	1217	9317
MILLENNIUM	1447	4569	4709	1493	10711
PICKSD8925MF	1448	4264	4172	1398	9870
A9118	1451	4184	3675	1007	8870
5347LH	1461	3204	3248	989	7280
ARREST	1463	3701	3832	994	8440
TMF_GENERATI	1464	4000	3586	1043	8739
MULTIPLIER_I	1465	3726	3747	967	8464
DK140	1468	4405	4241	1222	9938
DK121HG	1469	3161	2752	742	6650
A9423	1476	4283	3759	1139	9074
A9503	1477	4298	3893	1179	9298
WL232HQ	1489	4019	4409	1366	9812
GH757	1495	3434	3857	1026	8191
OAC_MINTO	9006	3199	3452	784	7493
ONEIDA_VR	9041	4349	4467	1272	10261
CENTURION	9053	3937	3776	915	8533
Mean		4049	3892	1157	9188
CV(%)		8.4	5.9	10	6.4
Pr>F(Trts)		0.0016	0.0001	0.0001	0.0001
R2		0.84	0.92	0.94	0.89

Ontario
Elora
Alfalfa Persistence Trial
Seeded 1999

2002 Yield kg/ha

	Code	Cut1	Cut2	Cut3	Total
SARANAC	1001	5225	4165	1112	10592
ARROW	1074	3933	4124	1088	9127
EXCEL	1238	4549	4267	1072	9885
GH777	1244	5693	4414	1161	11225
AMERIGRAZE40	1392	5280	4450	1002	10663
ZG9346	1409	5204	4306	1109	10628
GENEVA	1474	6378	5396	1517	13274
TMF_421	1493	4734	4006	987	9616
53Q60	1494	5380	4305	1353	11073
DK124	1497	5710	5034	1401	12105
DK134	1498	6301	5018	1453	12666
A9401	1501	5305	4345	1133	10814
ROCKET	1502	6034	5189	1459	12800
A9624	1503	6259	5372	1809	13388
PICKSD2065MF	1504	6117	4727	1406	12206
DS101	1521	5453	4900	1204	11577
FORECAST_300	1522	5390	4770	1499	11849
DS9833	1523	5886	4550	1314	11687
DS9705	1524	6103	4455	1309	11814
FORECAST_100	1525	6745	4995	1715	13556
CENTURION	9053	5564	3659	858	10109
Mean		5624	4627	1299	11551
CV(%)		4.1	5.6	8.3	4.7
Pr>F(Trts)		0.0002	0.002	0.0001	0.0011
R2		0.95	0.85	0.95	0.9

New Liskeard Persistence,
1999 seeded,

		2002 Yield kg/ha		
	Code	Cut1	Cut2	Total
SARANAC	1001	7733	3416	11334
ARROW	1074	8750	3411	12409
EXCEL	1238	9090	3650	12719
GH777	1244	8753	3282	11797
AMERIGRAZE40	1392	7887	3345	11243
ZG9346	1409	7663	3689	11626
GENEVA	1474	7988	3744	11535
TMF_421	1493	7743	3336	10994
53Q60	1494	8143	3435	11704
DK124	1497	8657	3573	12542
DK134	1498	10939	3773	14739
A9401	1501	7772	3438	11437
ROCKET	1502	8567	3286	11625
A9624	1503	8633	3419	11948
PICKSD2065MF	1504	7447	3794	11119
DS101	1521	8689	3428	12264
FORECAST_300	1522	7472	3854	11121
DS9833	1523	8021	3456	11497
DS9705	1524	10334	3632	13840
FORECAST_100	1525	8033	3686	11465
CENTURION	9053	7961	2959	11177
Mean		8396	3521	11917
CV(%)		9.3	6.5	7.4
Pr>F(Trts)		0.0279	0.0237	0.041
R2		0.78	0.82	0.77

ONTARIO
 Elora
 Red Clover 2000
 Expt. 2782
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
4036	ATLAS	4154	4113	8224	7497	15777
4055	WALTER	4490	4007	8568	8892	17593
4057	RAM	3972	3892	7753	8588	16296
4059	CONCORDE	4511	4294	8789	9026	17905
4066	LASER	4354	3982	8160	8638	16722
4073	BELLE	4411	4097	8623	8991	17625
4074	PRIMA	5989	3944	10002	9013	19007
4079	AC_ENDURE	4316	4670	9032	9904	18887
4080	TEMPUS	6015	4348	10447	10284	20813
4081	RC8702	4227	4683	8859	9392	18215
4082	AC_CHRISTIE	4084	4471	8462	9370	17664
4083	REDLANGRAZE	4291	4203	8556	9010	17602
4084	VIVI	6091	3106	9056	10383	19321
4085	PAR9097	4158	4165	8507	8635	17234
900	Mean	4647	4141	8788	9116	17904
901	CV	17.4	7.5	9.4	9.7	5.1
905	MCV	20.9	8.9	11.3	11.6	6.1
902	LSD	971.0	370.6	991.1	1055.6	1092.3
906	LSR	45.8	23.5	36.8	36.6	21.7
907	Pr>F(Trts)	0.0012	0.0000	0.0075	0.0085	0.0000
908	R_square	59.9	72.5	57.5	72.5	85.3

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Kemptville
 Red Clover
 Expt. 3152
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	2yrTot
		Cut 1	Cut 2				
4036	ATLAS	5337	1365	1111	7812	6453	14265
4055	WALTER	5041	1499	1663	8202	5893	14095
4057	RAM	4696	2062	1078	7836	6936	14772
4059	CONCORDE	4946	1634	985	7564	6434	13998
4066	LASER	5347	1962	1272	8581	6196	14777
4073	BELLE	4967	1999	1159	8126	6758	14883
4074	PRIMA	4764	1644	999	7407	6602	14009
4079	AC_ENDURE	4759	1587	1474	7820	5217	13037
4080	TEMPUS	5828	1493	1174	8494	6245	14739
4081	RC8702	4928	1940	1403	8271	6937	15208
4082	AC_CHRISTIE	4830	1783	1400	8012	4770	12782
4083	REDLANGRAZE	5525	1968	1510	9003	6269	15271
4084	VIVI	6414	1609	1405	9428	5950	15378
4085	PAR9097	5228	1758	1012	7998	6511	14508
900	Mean	5186	1736	1260	8182	6226	14409
901	CV	7.2	22.8	35.3	9.3	15.6	10.8
905	MCV	10.1	31.8	49.2	13.0	21.7	15.1
902	LSD	521.4	551.6	620.1	1064.8	1350.1	2169.5
906	LSR	30.4	79.2	91.5	52.7	62.3	83.6
907	Pr>F (Trts)	0.0003	0.5350	0.7370	0.1647	0.3244	0.6990
908	R_square	74.8	55.4	33.8	60.6	48.4	42.5

RCBD arrangement, 3 blocks {124}

ONTARIO
 Elora
 Red Clover Performance Trial
 Expt. 2795
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
4036	ATLAS	3995	3767	7757
4055	WALTER	4469	3831	8360
4057	RAM	4013	4297	8291
4059	CONCORDE	4355	4025	8433
4066	LASER	3996	4084	8017
4073	BELLE	4541	4102	8614
4074	PRIMA	4355	3848	8154
4079	AC_ENDURE	3932	3837	7821
900	Mean	4207	3974	8181
901	CV	8.6	4.7	5.8
905	MCV	10.5	5.8	7.1
902	LSD	440.5	228.8	584.4
906	LSR	72.3	43.2	68.2
907	Pr>F(Trts)	0.1562	0.0108	0.2189
908	R_square	61.2	87.2	70.5

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Red Clover Variety Test 2
 Expt. 200101
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
4036	ATLAS	6291	4081	10372
4055	WALTER	6706	4446	11152
4057	RAM	7913	4483	12396
4059	CONCORDE	6160	4437	10597
4066	LASER	6946	4497	11443
4073	BELLE	7340	4525	11865
4074	PRIMA	6311	4920	11231
4079	AC_ENDURE	6326	3954	10280
4080	TEMPUS	7293	5276	12569
4081	RC8702	7156	4215	11370
4082	AC_CHRISTIE	7197	4547	11744
4083	REDLANGRAZE	6892	4514	11406
4084	VIVI	7010	4506	11516
4085	PAR9097	6541	4184	10724
900	Mean	6863	4470	11333
901	CV	9.5	9.5	6.1
905	MCV	13.2	13.2	8.6
902	LSD	906.3	591.2	969.8
906	LSR	51.7	44.7	42.4
907	Pr>F(Trts)	0.0997	0.0911	0.0096
908	R_square	55.1	61.2	63.9

RCBD arrangement, 3 blocks {234}

KAPUSKASING 2002
 Experiment:6538
 2001 OFCC RED CLOVER

Yield (kg DM/ ha)

CODE	CULTIVARS	Cut 1	Total
4036	ATLAS	2863	2863
4055	WALTER	3130	3130
4057	RAM	3099	3099
4059	CONCORDE	3185	3185
4066	LASER	3319	3319
4073	BELLE	3365	3365
4074	PRIMA	3286	3286
4079	AC_ENDURE	3655	3655
4080	TEMPUS	3662	3662
4081	RC_8702	3205	3205
4082	CRS-16	3329	3329
4083	REDLANGRAZE	3514	3514
4084	VIVI	3789	3789
4085	PAR_9097	3312	3312
MEAN		3337	3337
C.V. (%) :		9.72	9.72
F:		*	*
L.S.D. (5%) :		464	464

ONTARIO
 New Liskeard
 Trefoil 99
 Expt. 9914
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2				
7001	LEO	6598	981	7579	9127	12010	28716
7003	EMPIRE	7543	1099	8642	10171	11088	29901
7031	OAC_BRIGHT	7302	1032	8334	10680	12961	31975
7034	BULL	6962	1178	8141	11021	12875	32036
7038	WELLINGTON	7479	1097	8576	10433	12312	31321
7041	AC_LANGILLE	7417	983	8399	10588	13486	32473
7042	ROSEAU	6959	805	7764	10394	12208	30366
900	Mean	7180	1025	8205	10345	12420	30970
901	CV	7.7	22.0	7.5	6.8	9.0	5.0
905	MCV	9.4	26.9	9.1	8.4	11.1	6.2
902	LSD	678.4	275.8	750.4	866.9	1378.1	1911.5
906	LSR	71.7	73.9	70.6	45.8	57.5	50.9
907	Pr>F(Trts)	0.2080	0.3817	0.1702	0.0384	0.1323	0.0308
908	R_square	48.3	36.0	51.5	70.4	41.2	59.1

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Trefoil & Timothy trial
 Expt. 2783
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
7001	LEO	5429	1515	7016	8350	15394
7003	EMPIRE	5011	1750	6792	7652	14502
7031	OAC_BRIGHT	5076	1366	6451	7840	14434
7034	BULL	5433	1739	7129	8186	15227
7038	WELLINGTON	5155	1788	6932	7720	14603
7039	EXACT	5479	1624	7148	8219	15440
7041	AC_LANGILLE	5236	1364	6516	7737	14137
7042	ROSEAU	4817	1679	6468	8370	14780
7043	PARDEE	5637	2341	7986	7483	15480
900	Mean	5253	1685	6938	7951	14888
901	CV	4.9	12.6	3.3	5.3	3.0
905	MCV	5.9	15.2	4.1	6.5	3.6
902	LSD	310.6	256.7	281.8	513.3	534.0
906	LSR	37.9	26.3	18.4	57.9	39.8
907	Pr>F(Trts)	0.0046	0.0001	0.0000	0.0512	0.0010
908	R_square	84.7	83.5	90.9	63.9	81.3

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Trefoil And Timothy 2000
 Expt. 200004
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
7001	LEO	7254	1569	8823	9394	18217
7003	EMPIRE	7064	1798	8862	7889	16750
7031	OAC BRIGHT	7580	2185	9765	8943	18708
7034	BULL	7301	1828	9129	9589	18718
7038	WELLINGTON	7509	1448	8958	10039	18997
7039	EXACT	7537	1826	9363	10006	19369
7041	AC LANGILLE	7148	1884	9032	9546	18578
7042	ROSEAU	7221	2360	9581	9187	18768
7043	PARDEE	6364	1974	8338	8277	16615
900	Mean	7220	1874	9094	9208	18302
901	CV	9.1	17.7	7.2	11.5	6.9
905	MCV	11.1	21.4	8.7	13.9	8.3
902	LSD	798.5	401.4	791.5	1280.1	1517.1
906	LSR	65.7	44.0	55.4	59.5	55.1
907	Pr>F(Trts)	0.3169	0.0223	0.1415	0.1031	0.0471
908	R_square	50.1	51.2	57.0	49.5	62.4

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Kemptville
 Trefoil
 Expt. 3151
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	2yrTot
		Cut 1	Cut 2				
7001	LEO	5274	2202	1270	8746	6980	15726
7003	EMPIRE	4762	2082	1545	8389	6218	14607
7031	OAC_BRIGHT	5016	2269	1237	8523	6754	15277
7034	BULL	4856	2383	1712	8950	6942	15893
7038	WELLINGTON	4933	2144	1409	8486	6713	15198
7039	EXACT	4607	2129	1358	8093	6373	14466
7041	AC_LANGILLE	4913	2038	923	7874	6826	14700
7042	ROSEAU	4799	2327	1334	8460	6569	15029
7043	PARDEE	4491	1923	897	7311	6136	13448
900	Mean	4850	2166	1298	8315	6612	14927
901	CV	10.2	10.6	18.1	7.4	7.3	6.0
905	MCV	12.4	12.8	21.9	8.9	8.8	7.3
902	LSD	601.2	278.3	283.8	743.9	580.9	1087.3
906	LSR	76.8	60.6	34.8	45.4	68.8	44.5
907	Pr>F(Trts)	0.5751	0.1770	0.0010	0.0354	0.1623	0.0292
908	R_square	32.7	65.4	82.2	72.4	53.0	70.3

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002

Experiment:6584

2000 OFCC TREFOIL/TIMOTHY TRIAL

Yield (kg DM/ ha)

CODE	CULTIVARS	Cut 1	Cut 2	Total
7001	LEO	4310	987	5297
7003	EMPIRE	4467	906	5373
7031	OAC_BRIGHT	4622	942	5564
7034	BULL	4694	1108	5801
7038	WELLINGTON	4353	969	5321
7039	EXACT	4611	1170	5781
7041	AC_LANGILLE	4463	722	5184
7042	ROSEAU	4306	867	5173
7043	PARDEE	4319	999	5318
MEAN		4461	963	5423
C.V. (%) :		4.38	17.57	4.47
F:		n.s.	*	**
L.S.D. (5%) :		285	247	3534

ONTARIO
 Elora
 Trefoil & Timothy Trefoil
 Expt. 2797
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
7001	LEO	4147	2751	6884
7003	EMPIRE	4897	2102	6993
7031	OAC_BRIGHT	4619	2104	6599
7034	BULL	4614	2624	7147
7038	WELLINGTON	4768	2363	7302
7039	EXACT	4456	2457	6850
7043	PARDEE	3861	2362	6350
900	Mean	4480	2395	6875
901	CV	11.4	17.7	7.9
905	MCV	14.0	21.9	9.8
902	LSD	628.7	523.6	674.5
906	LSR	60.7	80.6	70.8
907	Pr>F(Trts)	0.2014	0.3318	0.2963
908	R_square	60.5	54.0	75.6

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 New Liskeard
 Trefoil/ Timothy 2001
 Expt. 200106
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
7001	LEO	7072	3821	10893
7003	EMPIRE	7037	4228	11266
7031	OAC_BRIGHT	6236	3935	10171
7034	BULL	6087	4409	10495
7038	WELLINGTON	6918	3898	10816
7039	EXACT	6359	4445	10804
7041	AC_LANGILLE	5707	4413	10120
7042	ROSEAU	6517	4346	10862
7043	PARDEE	5562	3862	9424
900	Mean	6388	4151	10539
901	CV	10.5	9.0	6.8
905	MCV	12.8	10.8	8.2
902	LSD	814.8	450.1	869.1
906	LSR	53.9	72.2	47.2
907	Pr>F(Trts)	0.0284	0.0827	0.0474
908	R_square	50.2	57.4	50.1

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002
 Experiment:6585
 2001 OFCC TREFOIL/TIMOTHY

Yield (kg DM/ ha)				
CODE	CULTIVARS	Cut 1	Cut 2	Total
7001	LEO	3820	364	4184
7003	EMPIRE	3813	744	4558
7031	OAC_BRIGHT	4156	1129	5285
7034	BULL	4116	1112	5228
7038	WELLINGTON	4007	970	4977
7039	EXACT	4235	1276	5511
7041	AC_LANGILLE	3965	1125	5090
7042	ROSEAU	3993	1111	5104
7043	PARDEE	3636	928	4564
MEAN		3971	973	4944
C.V. (%) :		6.98	19.5	7.55
F :		n.s	**	**
L.S.D. (5%) :		404	277	545

ONTARIO
 Elora
 White Clover & Orchardgrass
 Expt. 2784
 Seeded 2000

Code	Cultivar	2002 (kg/ha)				Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3	Cut 4			
8005	SACRAMENTO	3853	1272	1147	981	7319	6481	13790
8007	CAL_LADINO	3651	1209	1207	923	7025	6490	13557
8010	CANOPY	3945	1167	1266	983	7256	6518	13795
8012	OSCEOLA	4554	1409	1557	1116	8593	6831	15366
8013	SHASTA	4253	1149	1253	1001	7649	7149	14820
8014	ALICE	4728	1632	1730	1059	9171	7664	16803
8022	OTAVNYJ	3854	1204	1204	853	7080	6451	13511
8023	ADVANTAGE	4078	1349	1476	1059	8030	7286	15349
900	Mean	4114	1299	1355	997	7765	6859	14624
901	CV	12.1	10.3	12.7	6.4	8.1	6.4	6.4
905	MCV	14.7	12.6	15.5	7.9	9.9	7.8	7.8
902	LSD	606.2	163.0	209.9	78.5	767.8	532.8	1139.6
906	LSR	56.3	33.7	36.0	29.8	35.8	43.9	34.6
907	Pr>F(Trts)	0.0903	0.0036	0.0013	0.0005	0.0012	0.0046	0.0008
908	R_square	52.9	86.8	82.0	97.3	83.6	80.4	84.1

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
Pakenham
White Clover
Expt. 3153
Seeded 2000

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3			
8007	CAL LADINO	5860	2143	1350	9352	5869	15221
8005	SACRAMENTO	5544	2290	1344	9178	6058	15237
8010	CANOPY	6403	2443	1200	10046	5718	15764
8012	OSCEOLA	6269	2747	1676	10693	5753	16446
8013	SHASTA	6510	2350	1396	10255	6010	16265
8014	ALICE	6308	2363	1562	10232	6174	16407
8022	OTAVNYJ	6101	2597	1460	10158	6754	16912
8023	ADVANTAGE	6126	2341	1448	9916	5924	15839
900	Mean	6181	2395	1432	10008	6089	16097
901	CV	9.8	9.9	20.1	6.6	10.7	6.7
905	MCV	14.0	14.2	28.6	9.4	15.3	9.5
902	LSD	862.7	339.6	410.0	939.6	930.0	1530.8
906	LSR	89.3	56.2	86.1	62.0	89.8	90.5
907	Pr>F(Trts)	0.5939	0.1676	0.7118	0.2193	0.5584	0.4746
908	R_square	30.6	72.5	46.2	52.7	31.2	39.7

RCBD arrangement, 3 blocks {124}

ONTARIO
 Elora
 White Clover and Orchardgrass
 Expt. 2796
 Seeded 2001

Code	Cultivar	2002 (kg/ha)				Tot02
		Cut 1	Cut 2	Cut 3	Cut 4	
8005	SACRAMENTO	3952	2160	1259	481	8177
8007	CAL_LADINO	3224	1967	1144	415	6746
8012	OSCEOLA	3578	2287	1330	539	7339
8013	SHASTA	3973	2353	1207	498	8228
8014	ALICE	3691	2194	1200	487	7559
8025	BARBLANCA	3543	2147	1131	488	7200
900	Mean	3660	2185	1212	485	7541
901	CV	6.3	6.9	19.1	19.9	5.2
905	MCV	7.9	8.6	23.9	25.0	6.5
902	LSD	288.2	188.7	289.5	121.1	492.0
906	LSR	38.5	49.0	145.7	97.5	33.2
907	Pr>F(Trts)	0.0112	0.0585	0.8525	0.6438	0.0025
908	R_square	85.2	80.8	79.3	89.0	93.5

RCBD arrangement, 4 blocks {1234}
 Nearest-neighbour covariance adjusted.

ONTARIO
 Elora
 Bromegrass Reg A 2000
 Expt. 2787
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
2001	BAYLOR	3824	2999	6823	7567	14390
2002	SARATOGA	4002	3055	7057	9851	16907
2039	BRAVO	4393	3030	7423	8040	15463
2051	RADISSON	3531	2952	6484	7714	14198
2054	PADDOCK	5727	3076	8803	9031	17834
2057	FLEET	5133	2466	7599	8557	16156
2059	CAS-AZ_11	3393	1520	4914	6618	11531
2060	PEAK	4144	3258	7403	9559	16962
2061	LOBF_9201	2980	2543	5522	7310	12832
2062	BOSIR	2582	3219	5802	8256	14058
2063	HAKARI	3315	3809	7123	8694	15818
900	Mean	3911	2903	6814	8291	15105
901	CV	16.7	8.3	11.2	7.0	7.2
905	MCV	20.0	10.0	13.5	8.3	8.6
902	LSD	781.5	289.8	919.0	692.1	1298.9
906	LSR	24.9	12.7	23.6	21.4	20.6
907	Pr>F(Trts)	0.0000	0.0000	0.0000	0.0000	0.0000
908	R_square	73.9	89.3	75.1	82.3	82.9

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Thunder Bay
 Bromegrass A
 Expt. 7301
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
2001	BAYLOR	5366	2754	8120	6822	14942
2002	SARATOGA	6150	2849	8999	7043	16042
2039	BRAVO	6110	3267	9378	6699	16076
2051	RADISSON	6638	2423	9061	6976	16037
2054	PADDOCK	4917	3788	8706	6922	15628
2057	FLEET	5769	3008	8777	6616	15393
2059	CAS-AZ_11	4746	1971	6717	6189	12906
2060	PEAK	5901	2993	8894	7194	16087
2061	LOBF_9201	5754	2463	8218	6910	15128
2062	BOSIR	2867	1430	4297	2909	7206
2063	HAKARI	2867	1430	4297	3031	7329
900	Mean	5190	2580	7769	6119	13889
901	CV	10.7	15.2	9.3	7.8	6.1
905	MCV	12.9	18.3	11.2	9.3	7.3
902	LSD	669.3	472.0	870.6	569.3	1011.4
906	LSR	17.7	20.0	17.1	13.3	11.4
907	Pr>F(Trts)	0.0000	0.0000	0.0000	0.0000	0.0000
908	R_square	88.3	84.5	90.8	94.2	96.0

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Bromegrass Reg D 2000
 Expt. 2788
 Seeded 2000

Code	Cultivar	2002 (kg/ha)				Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3	Cut 4			
2001	BAYLOR	3971	896	957	741	6565	7135	13701
2002	SARATOGA	4754	1146	927	573	7400	8076	15476
2039	BRAVO	4279	962	974	670	6884	7621	14505
2051	RADISSON	4678	1163	1034	590	7465	7608	15073
2054	PADDOCK	5934	1088	1403	904	9329	8173	17502
2057	FLEET	6260	849	1405	724	9238	8662	17900
2059	CAS-AZ_11	3265	921	926	334	5446	6303	11750
2060	PEAK	4896	1210	1045	689	7842	9117	16959
2061	LOBF_9201	4060	961	770	659	6450	6715	13165
2062	BOSIR	3469	734	964	508	5675	7903	13579
2063	HAKARI	3889	972	881	615	6357	8259	14615
900	Mean	4496	991	1026	637	7150	7779	14930
901	CV	8.2	18.4	20.3	22.1	8.5	9.2	7.6
905	MCV	9.8	22.0	24.4	26.5	10.2	11.0	9.1
902	LSD	440.1	218.5	250.2	168.7	727.3	859.5	1357.4
906	LSR	14.7	45.9	39.4	29.6	18.7	30.5	22.1
907	Pr>F(Trts)	0.0000	0.0222	0.0026	0.0010	0.0000	0.0002	0.0000
908	R_square	90.1	47.5	58.2	63.1	85.8	64.4	79.7

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Thunder Bay
 Bromegrass D
 Expt. 7300
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
2001	BAYLOR	6509	2613	9121	3944	13065
2002	SARATOGA	6499	2175	8674	3806	12480
2039	BRAVO	7883	2613	10496	3893	14389
2051	RADISSON	6745	2311	9056	3964	13019
2054	PADDOCK	5906	3310	9215	4659	13875
2057	FLEET	5785	3319	9104	4190	13295
2059	CAS-AZ_11	4730	2238	6967	3539	10507
2060	PEAK	6765	2724	9490	3884	13374
2061	LOBF_9201	6037	2809	8846	3909	12755
2062	BOSIR	3159	1340	4498	4099	8598
2063	HAKARI	3159	1340	4498	4214	8712
900	Mean	5743	2436	8179	4009	12188
901	CV	11.3	13.9	8.8	6.8	6.5
905	MCV	13.6	16.7	10.5	8.2	7.8
902	LSD	779.1	406.5	859.0	328.2	948.2
906	LSR	16.5	20.5	14.3	29.3	16.4
907	Pr>F(Trts)	0.0000	0.0000	0.0000	0.0009	0.0000
908	R_square	88.2	84.6	91.7	69.5	90.6

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Brome D 2000
 Expt. 200010
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
2001	BAYLOR	8436	646	9082	8919	18002
2002	SARATOGA	8347	1135	9482	10111	19593
2039	BRAVO	8569	919	9488	10618	20106
2051	RADISSON	7774	772	8546	10732	19278
2054	PADDOCK	8078	2289	10367	9548	19915
2057	FLEET	8918	2081	10999	9271	20269
2059	CAS-AZ_11	6487	637	7124	8792	15916
2060	PEAK	8388	1122	9510	10875	20384
2061	LOBF_9201	8045	1225	9270	9890	19160
2062	BOSIR	6059	1954	8014	6960	14973
2063	HAKARI	6437	1171	7608	7625	15233
900	Mean	7776	1268	9044	9395	18439
901	CV	8.8	31.0	10.1	9.8	8.0
905	MCV	12.4	43.7	14.2	13.7	11.2
902	LSD	964.3	554.0	1285.6	1290.3	2071.2
906	LSR	33.7	33.5	33.2	33.0	38.3
907	Pr>F(Trts)	0.0003	0.0002	0.0015	0.0005	0.0004
908	R_square	77.5	76.9	72.7	74.0	75.7

RCBD arrangement, 3 blocks {234}

ONTARIO
Elora
Orchardgrass Registration
Expt. 2771
Seeded 1999

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2					
3003	KAY	4612	2307	817	7735	7332	10417	25484
3075	BENCHMARK	4712	2412	1017	8141	8249	10242	26632
3078	AC_SPLENDOR	3769	2345	711	6826	6493	8873	22192
3086	HAYMATE	4849	2407	986	8242	7517	9761	25519
3097	OG9501	4958	2200	937	8096	7845	10236	26177
3098	OG9502	4799	2399	882	8081	7992	10464	26537
3100	WARRIOR	4677	2269	914	7860	7656	9999	25515
3101	PROFILE	4827	2409	974	8209	8293	10834	27337
3103	OG9204	4742	2208	801	7751	7634	9831	25215
3104	HAKA	4554	2043	864	7460	6786	9633	23880
900	Mean	4650	2300	890	7840	7580	10029	25449
901	CV	7.8	10.9	14.8	6.4	5.6	5.8	4.7
905	MCV	9.4	13.2	17.8	7.7	6.7	7.0	5.7
902	LSD	435.8	302.5	158.5	600.0	509.3	697.9	1452.8
906	LSR	36.7	82.0	51.8	42.4	28.3	35.6	28.2
907	Pr>F (Trts)	0.0071	0.5098	0.0674	0.0119	0.0000	0.0051	0.0001
908	R_square	59.1	32.0	63.5	63.7	79.8	58.7	74.7

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002
 EXP: 6158
 1999 OFCC ORCHARD GRASS

YIELD (kg DM/ha)

Code	Cultivar	C-1	C-2	TOTAL
3104	HAKA	4254	1244	5498
3098	OG_9502	3307	1662	4969
3003	KAY	3773	1244	5017
3103	OG_9204	3237	1540	4777
3097	OG_9501	2914	1634	4548
3086	HAYMATE	2917	1526	4443
3075	BENCHMARK	2537	1454	3991
3100	WARRIOR	2898	1230	4128
3101	PROFILE	2590	1525	4115
3078	AC_SPLENDOR	2898	1230	4128
MEAN		3205	1440	4645
C.V. %		12.5	19.4	11.3
F		**	NS	*
L.S.D.5%		682	479	900

ONTARIO
 Elora
 Early Orchardgrass 2000
 Expt. 2790
 Seeded 2000

Code	Cultivar	2002 (kg/ha)			Tot02	Tot01	2yrTot
		Cut 1	Cut 2	Cut 3			
3001	JUNO	4490	2428	1309	8227	8848	17075
3009	NAPIER	3995	2274	1345	7614	8969	16583
3066	RAPIDO	4796	2685	1407	8887	11096	19983
3072	DS7	4006	2563	1307	7876	8706	16582
3075	BENCHMARK	4654	2748	1277	8678	9441	18120
3094	OG9201	4717	2779	1423	8918	9534	18452
3104	HAKA	4446	2484	1164	8093	8975	17069
900	Mean	4443	2566	1319	8328	9367	17695
901	CV	11.5	6.9	14.1	7.4	5.8	5.5
905	MCV	14.0	8.4	17.2	9.1	7.1	6.7
902	LSD	624.0	216.2	227.2	759.6	667.9	1187.1
906	LSR	77.9	42.9	87.7	58.2	27.9	34.9
907	Pr>F(Trts)	0.1930	0.0070	0.5307	0.0466	0.0001	0.0009
908	R_square	38.1	70.9	45.4	53.7	75.7	70.4

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Early Orchardgrass 2000
 Expt. 200011
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
3001	JUNO	6727	2324	9051	7506	16557
3009	NAPIER	7214	2256	9470	7746	17217
3066	RAPIDO	7662	2438	10100	6586	16686
3072	DS7	7391	2701	10092	7905	17997
3075	BENCHMARK	6889	2621	9510	7137	16647
3094	OG9201	6985	2239	9224	6873	16097
3104	HAKA	7103	2224	9328	8057	17385
900	Mean	7139	2400	9539	7402	16941
901	CV	15.6	14.3	12.7	7.3	8.8
905	MCV	19.1	17.5	15.5	9.0	10.7
902	LSD	1363.6	420.4	1480.8	665.2	1820.0
906	LSR	145.9	88.1	141.1	45.2	95.8
907	Pr>F(Trts)	0.9158	0.3187	0.8286	0.0088	0.6355
908	R_square	15.5	45.6	25.4	60.4	23.8

RCBD arrangement, 4 blocks {1234}

ONTARIO
Pakenham
Orchardgrass Reg A
Expt. 3162
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Cut 3	Tot02	Tot01	2yrTot
		Cut 1	Cut 2				
3001	JUNO	4467	2058	1952	8477	6239	14716
3009	NAPIER	4651	2370	1875	8895	5300	14194
3066	RAPIDO	4552	2304	1788	8644	5987	14631
3072	DS7	4871	2575	1834	9280	5959	15239
3075	BENCHMARK	4229	2326	1779	8333	6000	14333
3094	OG9201	4572	2918	1992	9482	5931	15414
3104	HAKA	5095	2713	2289	10097	6446	16543
900	Mean	4634	2466	1930	9030	5980	15010
901	CV	12.1	21.0	15.1	5.3	7.2	4.1
905	MCV	17.6	30.5	22.0	7.7	10.5	6.0
902	LSD	813.4	752.7	424.4	691.5	629.8	900.7
906	LSR	93.8	87.5	83.2	39.2	54.9	38.4
907	Pr>F(Trts)	0.6186	0.5073	0.4120	0.0075	0.1438	0.0082
908	R_square	36.2	40.4	52.3	78.7	57.1	73.1

RCBD arrangement, 3 blocks {123}

CODE	CULTIVARS	Cut 1	Cut 2	Total
3075	BENCHMARK	3606	1882	5488
3072	DS7	4068	1688	5756
3001	JUNO	3930	1578	5507
3009	NAPIER	4591	1779	6369
3094	OG9201	3930	2211	6141
3066	RAPIDO	3031	1835	4867
3104	HAKA	4522	1470	5992
MEAN		3954	1777	5731
C.V. (%)		8.36	12.45	8.42
F		**	**	**
L.S.D. (5%):		491	329	717

ONTARIO
 Elora
 Orchardgrass Performance Trial
 Expt. 2803
 Seeded 2001

Code	Cultivar	2002 (kg/ha)			Tot02
		Cut 1	Cut 2	Cut 3	
3003	KAY	4206	2568	690	7463
3105	BARIDANA	4365	2761	1031	8157
3106	INTENSIV	4059	3113	1048	8220
3107	OG2000VLA	3946	2555	704	7204
900	Mean	4144	2749	868	7761
901	CV	12.9	4.7	16.7	8.2
905	MCV	16.7	6.1	21.6	10.6
902	LSD	692.9	167.9	187.4	823.2
906	LSR	165.6	30.1	52.2	81.1
907	Pr>F(Trts)	0.7183	0.0007	0.0083	0.1223
908	R_square	49.9	94.6	77.1	58.7

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Orchardgrass 2001
 Expt. 200109
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
3079	OKAY	9340	2348	11689
3105	BARIDANA	8720	2457	11177
3106	INTENSIV	8808	2260	11068
900	Mean	8956	2355	11311
901	CV	11.4	16.7	8.8
905	MCV	15.6	22.9	12.1
902	LSD	1399.0	540.1	1364.8
906	LSR	225.3	273.7	219.8
907	Pr>F(Trts)	0.6691	0.7849	0.6631
908	R_square	23.4	61.4	29.8

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Kemptville
 Orchardgrass
 Expt. 3175
 Seeded 2001

Code	Cultivar	2002 (kg/ha)			Tot02
		Cut 1	Cut 2	Cut 3	
3003	KAY	5476	2737	2173	10386
3105	BARIDANA	4306	2423	2329	9057
3106	INTENSIV	5221	3223	2300	10745
900	Mean	5001	2794	2267	10063
901	CV	8.1	16.9	14.4	7.9
905	MCV	7.2	14.9	12.7	7.0
902	LSD	357.7	416.5	288.0	702.1
906	LSR	30.6	52.0	184.8	41.6
907	Pr>F(Trts)	0.0001	0.0144	0.6127	0.0021
908	R_square	83.4	61.0	51.5	69.4

RCBD arrangement, 8 blocks {12345678}

ONTARIO
 Elora
 Reed Canary Registration
 Expt. 2775
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5011	VANTAGE	4147	2263	6410	7965	14375
5013	PALATON	4358	2147	6505	7608	14113
5016	VENTURE	4518	2147	6666	8664	15329
5027	CHIEFTON	4378	1896	6273	7361	13635
900	Mean	4350	2113	6463	7899	14363
901	CV	7.2	9.9	5.9	6.2	5.5
905	MCV	9.3	12.8	7.6	8.1	7.2
902	LSD	405.5	271.1	491.6	639.8	1029.0
906	LSR	109.1	73.8	125.3	49.1	60.7
907	Pr>F(Trts)	0.4541	0.1577	0.5483	0.0228	0.0747
908	R_square	46.3	65.5	61.1	79.7	73.9

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002
 EXP: 6070
 1999 OFCC REED CANARY

YIELD (kg DM/ha)

CULTIVARS	Code	C-1	C-2	TOTAL
VANTAGE	5011	4016	1929	5945
PALATON	5013	4058	1633	5691
VENTURE	5016	3628	1533	5161
CHIEFTON	5027	3641	1386	5027
MEAN		3836	1620	5456
C.V. %		8.38	16.3	10.3
F		NS	NS	NS
L.S.D.5%		514	423	899

ONTARIO
 Elora
 Reed Canarygrass 2000
 Expt. 2785
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5011	VANTAGE	4460	3515	7975	9515	17490
5013	PALATON	4565	3453	8018	9012	17031
5016	VENTURE	4651	2702	7353	8663	16016
5027	CHIEFTON	4465	3099	7563	9103	16666
900	Mean	4535	3192	7727	9073	16801
901	CV	8.3	4.6	5.2	7.2	6.1
905	MCV	10.8	6.0	6.8	9.4	7.9
902	LSD	488.7	190.0	522.4	849.2	1327.6
906	LSR	254.8	23.4	78.5	99.7	90.1
907	Pr>F(Trts)	0.8685	0.0001	0.1187	0.3840	0.2855
908	R_square	29.7	91.3	65.2	48.8	43.9

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Reed Canary 2000
 Expt. 200012
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5011	VANTAGE	6411	3318	9729	6312	16041
5013	PALATON	6694	3556	10250	7267	17517
5016	VENTURE	6358	3288	9646	6932	16578
5027	CHIEFTON	6447	2954	9401	6869	16270
900	Mean	6478	3279	9757	6845	16602
901	CV	10.4	15.2	5.8	8.9	5.0
905	MCV	13.5	19.7	7.5	11.6	6.5
902	LSD	876.6	647.3	731.1	790.6	1079.3
906	LSR	260.9	107.5	86.2	82.9	73.2
907	Pr>F(Trts)	0.8963	0.4445	0.2559	0.2391	0.1321
908	R_square	24.0	34.4	56.0	66.4	73.5

RCBD arrangement, 4 blocks {1234}

ONTARIO
Pakenham
Reed Canary Reg A
Expt. 3163
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5011	VANTAGE	5203	3690	8893	6535	15428
5013	PALATON	5482	3177	8659	7014	15673
5016	VENTURE	5860	3549	9409	6721	16130
5027	CHIEFTON	4991	3477	8468	6854	15322
900	Mean	5384	3473	8857	6781	15638
901	CV	11.6	10.2	5.5	7.5	4.2
905	MCV	15.0	13.2	7.1	9.7	5.5
902	LSD	806.2	457.1	632.4	660.4	857.9
906	LSR	92.8	89.2	67.2	137.8	106.2
907	Pr>F(Trts)	0.2896	0.2789	0.1018	0.6129	0.3715
908	R_square	54.8	38.0	66.3	50.9	67.1

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Tall Fescue Reg Trial A
 Expt. 2772
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2				
5028	TF9201	4932	3430	8363	10876	11652	30890
5519	FESTORINA	4659	2930	7589	8235	10647	26471
5523	COURTENAY	4267	3259	7526	8638	10599	26764
5526	KOKANEE	3690	3747	7437	12200	9834	29471
5527	MONTEBELLO	4083	3037	7120	8276	10393	25789
900	Mean	4326	3281	7607	9645	10625	27877
901	CV	9.4	6.9	7.2	5.7	4.2	4.9
905	MCV	11.9	8.6	9.1	7.1	5.3	6.2
902	LSD	512.9	283.2	690.0	687.9	562.0	1721.0
906	LSR	41.3	34.7	55.5	17.4	30.9	33.7
907	Pr>F(Trts)	0.0084	0.0020	0.0735	0.0000	0.0016	0.0008
908	R_square	65.8	74.4	49.1	93.7	76.5	78.4

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Tall Fescue 2000
 Expt. 2786
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5026	SELECT	6112	3181	9292	10023	19315
5028	TF9201	5333	3916	9249	10123	19372
5029	CAS-EA30	6264	3348	9612	9894	19506
5516	PHYTER	4925	4217	9143	10134	19276
5523	COURTENAY	4490	3973	8463	9977	18439
5526	KOKANEE	3736	4228	7964	9805	17770
5527	MONTEBELLO	4726	3993	8719	9772	18492
900	Mean	5084	3837	8920	9961	18881
901	CV	10.4	7.2	8.3	5.7	6.2
905	MCV	12.7	8.8	10.1	7.0	7.6
902	LSD	648.0	339.0	903.2	697.5	1444.3
906	LSR	25.6	32.4	54.8	193.0	83.2
907	Pr>F (Trts)	0.0000	0.0002	0.0715	0.9490	0.3373
908	R_square	80.6	76.4	52.3	46.4	48.7

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Tall Fescue 2000
 Expt. 200013
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
5026	SELECT	6569	3135	9704	6319	16023
5028	TF9201	5441	4062	9504	7354	16857
5029	CAS-EA30	6456	2813	9270	7158	16427
5523	COURTENAY	6579	3812	10391	8476	18868
5526	KOKANEE	4940	4215	9155	7235	16390
5527	MONTEBELLO	5735	3588	9322	7135	16457
900	Mean	5953	3604	9558	7279	16837
901	CV	9.0	11.2	7.4	8.3	5.5
905	MCV	11.1	13.9	9.2	10.3	6.8
902	LSD	661.1	501.2	879.1	751.5	1144.4
906	LSR	40.3	35.7	71.1	34.8	40.2
907	Pr>F(Trts)	0.0020	0.0013	0.2137	0.0058	0.0071
908	R_square	73.2	73.4	49.3	64.8	64.2

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002

Experiment:6215

2000 OFCC TALL FESCUE TRIAL

Yield (kg DM/ ha)

CODE	CULTIVAR	Cut 1	Cut 2	Total
5523	COURTENAY	2351	1294	3645
5526	KOKANEE	2102	1304	3406
5527	MONTEBELLO	2011	1048	3059
5026	SELECT	1599	747	2346
5028	TF 9201	1925	1076	3001
5029	CAS-EA30	1645	769	2414
MEAN		1939	1040	2978
C.V. (%) :		10.53	19.21	11.24
F		**	**	**
L.S.D. (5%) :		308	301	504

ONTARIO
 Elora
 Tall Fescue Trial
 Expt. 2799
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
5029	CAS-EA30	4656	2096	6752
5030	BAROLEX	4357	2454	6810
5523	COURTENAY	4734	3018	7752
900	Mean	4582	2523	7105
901	CV	3.7	6.8	4.4
905	MCV	5.1	9.4	6.1
902	LSD	232.6	237.2	434.3
906	LSR	61.7	25.7	43.5
907	Pr>F(Trts)	0.0438	0.0011	0.0077
908	R_square	97.6	92.4	91.6

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Thunder Bay
 Tall Fescue Trial
 Expt. 7306
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
5029	CAS-EA30	4077	3498	7575
5523	COURTENAY	4648	3322	7970
900	Mean	4226	3337	7563
901	CV	13.0	25.0	9.7
902	LSD	1184	1793	579
907	Pr>F(Trts)	0.3321	0.8202	0.5778

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Tall Fescue 2001
 Expt. 200102
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
5029	CAS-EA30	8245	2979	11224
5030	BAROLEX	6165	3125	9290
5523	COURTENAY	9039	3426	12465
900	Mean	7817	3177	10993
901	CV	15.7	20.3	10.1
905	MCV	21.5	27.9	13.9
902	LSD	1682.1	886.9	1522.7
906	LSR	58.5	198.7	48.0
907	Pr>F(Trts)	0.0389	0.6344	0.0191
908	R_square	68.0	40.4	77.7

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002
 Experiment:6216
 2001 OFCC TALL FESCUE

Yield (kg DM/ ha)

CODE	CULTIVAR	Cut 1	Cut 2	Total
5523	COURTENAY	4917	2206	7123
5029	CAS-EA30	4288	1471	5759
	MEAN	4603	1838	6441
	C.V. (%) :	4.52	11.19	6.04
	F	*	*	*
	L.S.D. (5%) :	468	463	875

ONTARIO
 Elora
 Timothy Reg. Early
 Expt. 2773
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2				
6030	TORO	5448	1731	7179	7101	10288	24569
6050	RICHMOND	5718	1665	7383	7682	10455	25520
6140	TM9501	6046	1562	7608	7160	10113	24880
6141	SW_TT9151	4353	1458	5811	6136	9031	20977
6142	SW_TT2509	5122	1364	6486	6074	9080	21640
6143	T-79	5068	1396	6464	6052	9018	21533
6144	PS_45-214	5899	1422	7322	7069	10140	24531
6145	NOV10	5055	1528	6583	5777	9327	21687
6146	LOTI_9501	4558	1202	5760	5041	8346	19148
6147	LOTI_9502	3872	1490	5362	5105	8145	18613
6148	CLASSIC	4219	1542	5762	5402	8039	19203
6149	GRINDSTAD	5109	1855	6964	6770	9404	23139
900	Mean	5039	1518	6557	6281	9282	22120
901	CV	7.8	18.8	7.6	6.9	4.6	4.8
905	MCV	9.4	22.6	9.2	8.2	5.5	5.7
902	LSD	472.0	342.8	601.6	516.4	510.3	1263.4
906	LSR	21.7	52.5	26.8	19.6	21.1	18.3
907	Pr>F(Trts)	0.0000	0.1803	0.0000	0.0000	0.0000	0.0000
908	R_square	80.7	42.9	76.0	85.1	85.0	87.5

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Timothy 2000 - Early
 Expt. 2791
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
6009	BASHO	5977	3447	9424	9090	18514
6030	TORO	6447	3132	9579	9354	18933
6040	TIMFOR	5246	3074	8320	8604	16924
6050	RICHMOND	6352	3092	9444	9736	19180
6123	COLT	5896	2967	8864	8975	17839
6145	NOV10	5807	3137	8944	8420	17364
6146	LOTI_9501	5354	2326	7680	7754	15434
6147	LOTI_9502	5098	2249	7347	7682	15029
6148	CLASSIC	5636	3263	8899	8215	17114
6149	GRINDSTAD	5801	2815	8615	9124	17739
900	Mean	5761	2950	8712	8695	17407
901	CV	8.3	19.7	10.0	5.2	6.6
905	MCV	10.0	23.7	12.0	6.2	8.0
902	LSD	578.6	698.8	1044.0	542.9	1387.7
906	LSR	42.9	58.3	46.8	26.4	33.4
907	Pr>F(Trts)	0.0064	0.1186	0.0141	0.0000	0.0002
908	R_square	57.9	42.7	50.1	75.3	65.4

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Early Timothy 2000
 Expt. 200014
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot01	2yrTot
		Cut 1	Tot02		
6009	BASHO	7737	7737	7875	15612
6030	TORO	7184	7184	5474	12659
6040	TIMFOR	7948	7948	6160	14108
6050	RICHMOND	8254	8254	5275	13529
6123	COLT	7977	7977	6175	14152
6145	NOV10	8007	8007	7737	15743
6146	LOTI_9501	7998	7998	8072	16070
6147	LOTI_9502	7476	7476	8984	16460
6148	CLASSIC	8749	8749	5641	14389
6149	GRINDSTAD	8168	8168	5876	14044
900	Mean	7950	7950	6727	14677
901	CV	12.2	12.2	12.6	9.4
905	MCV	14.7	14.7	15.2	11.3
902	LSD	1168.4	1168.4	1024.4	1663.9
906	LSR	74.7	74.7	27.6	43.8
907	Pr>F(Trts)	0.6417	0.6417	0.0000	0.0098
908	R_square	48.2	48.2	76.7	58.1

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Early Timothy Trial
 Expt. 2801
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
6030	TORO	6456	2862	9318
6050	RICHMOND	6074	2431	8505
6094	BARLIZA	6750	2100	8849
900	Mean	6427	2464	8891
901	CV	2.6	11.5	4.6
905	MCV	3.6	15.8	6.3
902	LSD	230.5	390.5	556.3
906	LSR	34.1	51.2	68.4
907	Pr>F (Trts)	0.0043	0.0257	0.0764
908	R_square	95.4	85.4	60.5

RCBD arrangement, 4 blocks {1234}

KAPUSKASING 2002
 EXP: 6145
 1998 OFCC LATE TIMOTHY

YIELD (kg DM/ha)

CULTIVARS	Code	C-1	C-2	TOTAL
NORMAX	6066	4437	1585	6022
ALEXANDER	6086	4481	1388	5869
MARIPOSA	6081	4573	1204	5777
ITASCA	6026	4655	1031	5686
CLIMAX	6002	4455	1228	5683
DYNASTY	6102	4232	1374	5606
CAROLA	6097	4632	932	5564
AURORA	6138	4126	1334	5460
VEGA	6139	4278	1064	5342
SAGUENAY	6116	4391	862	5253
ARGUS	6095	3841	1140	4981
MEAN		4373	1195	5568
C.V. %		12.2	27.4	13.0
F		NS	NS	NS
L.S.D.5%		773	473	1048

ONTARIO
 Elora
 Timothy Reg Late
 Expt. 2774
 Seeded 1999

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	Tot00	3yrTot
		Cut 1	Cut 2				
6002	CLIMAX	7458	1234	8692	6811	10169	25672
6026	ITASCA	7471	1109	8580	6140	10757	25477
6097	CAROLA	7936	1091	9027	7091	9624	25742
6102	DYNASTY	7018	1272	8291	6512	10031	24834
6116	SAGUENAY	7200	1327	8527	6800	9779	25106
6150	BOR_94301	6923	835	7758	6472	9833	24062
6151	SF8903	7126	942	8067	6622	10359	25049
900	Mean	7305	1116	8420	6636	10079	25135
901	CV	5.3	32.5	5.5	12.8	9.3	7.5
905	MCV	6.5	39.9	6.8	15.7	11.5	9.2
902	LSD	473.1	444.9	569.5	1043.6	1154.1	2310.9
906	LSR	46.7	90.5	44.9	109.7	101.9	137.5
907	Pr>F(Trts)	0.0248	0.4701	0.0235	0.7945	0.6679	0.8824
908	R_square	62.3	33.7	58.1	45.5	22.2	32.3

RCBD arrangement, 4 blocks {1234}

ONTARIO
 Elora
 Timothy 2000 - Late
 Expt. 2792
 Seeded 2000

Code	Cultivar	2002 (kg/ha)		Tot02	Tot01	2yrTot
		Cut 1	Cut 2			
6002	CLIMAX	7978	2346	10324	9960	20284
6026	ITASCA	8311	2631	10942	9703	20645
6066	NORMAX	8046	2538	10584	9026	19610
6081	MARIPOSA	8247	2052	10299	9027	19327
6086	ALEXANDER	7765	2528	10293	9756	20049
6095	ARGUS	7755	2131	9887	9705	19591
6097	CAROLA	7606	2098	9705	9728	19432
6102	DYNASTY	7510	2479	9989	9852	19841
6116	SAGUENAY	7956	1933	9889	10184	20074
6150	BOR_94301	7149	1741	8890	9183	18073
6151	SF8903	7712	2089	9801	10291	20092
6154	SF8904	8047	2211	10259	9951	20209
900	Mean	7840	2232	10072	9697	19769
901	CV	6.9	13.2	7.0	6.2	5.0
905	MCV	8.3	15.9	8.4	7.5	6.0
902	LSD	648.7	353.8	842.5	723.1	1193.9
906	LSR	55.8	39.8	41.0	57.1	46.4
907	Pr>F(Trts)	0.1916	0.0028	0.0452	0.0730	0.1060
908	R_square	39.7	54.7	44.6	41.0	40.7

RCBD arrangement, 4 blocks {1234}

Kapuskasing
Late Timothy
Expt.6147
Seeded 2000

Code	Cultivar	2002 (kg/ha)		Total
		Cut 1	Cut 2	
6086	ALEXANDER	4855	1514	6369
6095	ARGUS	5151	1448	6599
6150	BOR_94301	5754	1370	7124
6097	CAROLA	4582	849	5431
6002	CLIMAX	5049	1592	6640
6102	DYNASTY	5068	1286	6354
6026	ITASCA	5284	1035	6319
6081	MARIPOSA	4952	1272	6224
6066	NORMAX	4811	1744	6555
6116	SAGUENAY	4795	1186	5981
6151	SF8903	5350	1281	6631
6154	SF8904	5029	1374	6403
Mean		5057	1329	6386
C.V. (%) :		9.68	26.58	11.69
F:		n.s.	n.s.	n.s.
L.S.D. (5%)		704	508	1074

ONTARIO
 Elora,
 Late Timothy Trial
 Expt. 2800
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		
		Cut 1	Cut 2	Tot02
6002	CLIMAX	7440	1258	8698
6026	ITASCA	7668	1109	8777
6086	ALEXANDER	7833	1506	9339
6116	SAGUENAY	8068	1359	9426
6138	AURORA	8253	1302	9554
6154	SF8904	7368	1161	8530
6155	AC_ANTOINE	7945	1394	9339
900	Mean	7796	1298	9095
901	CV	5.1	15.3	5.3
905	MCV	6.2	18.8	6.5
902	LSD	484.9	243.9	589.6
906	LSR	54.8	61.4	57.5
907	Pr>F(Trts)	0.0479	0.1374	0.0354
908	R_square	69.1	59.5	72.7
RCBD arrangement, 4 blocks {1234}				

ONTARIO
 Thunder Bay
 Late Timothy 2001
 Expt. 7307
 Seeded 2001

Code	Cultivar	2002 (kg/ha)		Tot02
		Cut 1	Cut 2	
6002	CLIMAX	3760	2258	6018
6026	ITASCA	4141	2558	6700
6154	SF8904	4530	2505	7035
900	Mean	4144	2441	6584
901	CV	11.5	17.7	12.5
905	MCV	15.8	24.3	17.2
902	LSD	655.4	591.9	1130.9
906	LSR	85.1	197.3	111.2
907	Pr>F(Trts)	0.1526	0.6056	0.2801
908	R_square	80.7	76.0	41.6

RCBD arrangement, 4 blocks {1234}

ONTARIO
 New Liskeard
 Timothy 2001
 Expt. 200108
 Seeded 2001

Code	Cultivar	2002 (kg/ha)	
		Cut 1	Tot02
6002	CLIMAX	9949	9949
6026	ITASCA	9493	9493
6030	TORO	10403	10403
6050	RICHMOND	10015	10015
6086	ALEXANDER	9406	9406
6094	BARLIZA	10893	10893
6116	SAGUENAY	7916	7916
6138	AURORA	10281	10281
6154	SF8904	10523	10523
900	Mean	9876	9876
901	CV	10.2	10.2
905	MCV	12.4	12.4
902	LSD	1220.8	1220.8
906	LSR	41.0	41.0
907	Pr>F(Trts)	0.0173	0.0173
908	R_square	51.8	51.8

RCBD arrangement, 4 blocks {1234}