

ONTARIO FORAGE CROP INVESTIGATIONS



1989 REPORT ON FIELD TRIALS OF VARIETIES AND MIXTURES

- Kapuskasing
- Thunder Bay
- Ridgetown
- Kemptville
- New Liskeard
- Guelph
- Ottawa

1989 REPORT ON FORAGE CROPS TRIALS

ONTARIO FORAGE CROP COMMITTEE

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Conducted co-operatively by the Ontario Ministry of
Agriculture and Food, the Crop Science Department,
University of Guelph and Agriculture Canada.

This is the 1989 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Not For Publication: This is a progress report of co-operative investigations containing data, the interpretation of which may be modified with additional experimentation.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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Trefoil Coordinator

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ALFALFA VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Varieties Recommended for Ontario in Publication 296

Admiral	Citation	Magnum	Saranac
Advance	Comsel	Magnum +	Shield
Algonquin	Crown	88	Spectrum
Alouette	Crusader	Mohawk	Sure
Ambassador	120	Noble	Surpass
Anchor	DK 125	OAC Minto	Thor
Angus	DK 135	Olinda	Thunder
Apica	Eagle	Oneida VR	Tomahawk
Apollo II	Edge	Peak	Trumpetor
Armor	Excalibur	Pinnacle	Turbo
Arrow	Glory	526	Ultra
Award	G2852	532	Valor
Bell Ringer	Horizon	5432	Verta +
Centurion	Hunter	Preserve	Vista
Champion	Husky	Primal	WL 222
Chief	Iroquois	Regal	WL 316

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
1094	NAPB 26B	King Agro	Dropped at Co. request	13
1099	HT 55	Pickseed	Dropped at Co. request	15
9058	A85-3	Pickseed	Dropped at Co. request	19
1103	NAPB25	King Agro	Support for reg., defer (1)	7
1113	5331	Pioneer	Support for Reg., defer (1)	10
1114	5364	Pioneer	Support for reg., defer (1)	7
1115	82A	Pioneer	Support for reg., defer (1)	7
9054	LSC 537	Landis	Support for reg., defer (2)	-
9055	XAF31 (5311)	Pioneer	Support for reg., defer (2)	-
1090	Ott 84-3	Ottawa	Support for reg., defer (2)	-
9048	Victory	Pickseed	Registered, defer (2)	-
9059	WL225	King Agro	Registered no support test comp.	15
1093	84-15	King Agro	No support, testing completed	13
1095	84-14	Thompson	No support, testing completed	11
1097	LSC 8601	Seed Link	No support, testing completed	11
1098	LSC 503	Seed Link	No Support, testing completed	11
9060	NK83631	N.K.	No support, testing completed	16
9061	NK83632	N.K.	No support, testing completed	16
9064	Wrangler	Norcan	No support, testing completed	11
9073	A872	Pickseed	No support 89, re-examine '90	8
1100	MPR	UCO		5
1101	A25	UCO		5
1102	BPR335	UCO		5
1104	LSC725	Seed Link		5
1105	LSC726	Seed Link		5
1106	LSC728	Seed Link		5

Varieties Under Test (cont'd)

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
1107	NK85-32	N.K.		6
1108	NK85-45	N.K.		6
1109	NK86-109	N.K.		6
1110	S36	Oseco		5
1111	S88	Parsons		5
1112	A871	Pickseed		5
1116	OAC83-110	U. of Guelph		5
9065	X8781	Funk		4
9066	LSC724	Landis		4
9067	LSC727	Landis		4
9068	NK85-48	N.K.		5
9069	NK86-638	N.K.		5
9070	NK86-92	N.K.		5
9071	NAPB31	Oseco		4
9072	Impact	Parsons	Registered	4
1117	XAF 62	Pioneer		5
1118	Sitel	Labon Inc.		1
1119	B852	Pickseed		1
1120	B853	Pickseed		1
1121	C87	Pickseed		1
1122	C89	Pickseed		1
1123	C95	Pickseed		1
1124	AP8632	King Agro		1
1125	AP8624	King Agro		1
1126	623	Coop Federee		1
1127	627	Nemec		1
1128	533	Nemec		1
1129	635	Nemec		1
1130	655	Nemec		1
1131	545	Nemec		1
1132	84T34 (NS881)	Northstar		1
1133	82-A-89	UCO		1
1134	NK87749	N.K.		1
1135	NK87754	N.K.		1
1136	NK87756	N.K.		1
1137	NK87745	N.K.		1
1138	Legend	N.K.		1
1139	MS 96	Mapleseed		1
1140	LSC Vector	Landis		1
1141	LSC 845	Landis		1
1142	LSC 846	Landis		1
1143	LSC 847	Landis		1
1144	C268	Norcan		1
1145	AP 41	Oseco		1
1146	AP 8620	Oseco		1
1147	ISI 567	Richardson		1
1148	870S	Sunparlour		1
1149	OAC81-122R	U of G		0
1150	VS 806	Nemec		0

Varieties Under Test (cont'd)

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
1151	VS 872	Nemec		0
1152	VS 775	Nemec		0
1153	VS 888	Nemec		0
1154	Mirna	Nemec		0
1155	Cargill 420	Cargill		0
1156	87758	N.K.		0
1157	AP 8820	Parsons		0
1158	A8820	Coop		0
1159	G636	Coop		0
1160	Medallion	Pickseed		0
1161	AP8735	Pickseed		0
1162	PS 8915	Pickseed		0
1163	PS 8920	Pickseed		0
1164	WL 317	Speare		0
1165	Promise	Speare		0
1166	86-141	Speare		0
1167	85-140	Speare		0
1168	AP 8743	Oseco		0
1169	AP 8830	Oseco		0
1170	Terminator	Oseco		0
1171	AGI-72	Norcan		0
1172	AP 8831	King Agro		0
1173	Allegiance	King Agro		0
1174	Break Thru	King Agro		0
1175	85-141	King Agro		0
1176	XAL 72	Pioneer		0
1177	XAL 73	Pioneer		0
1178	85CR252	Pioneer		0
1179	85CR262	Pioneer		0
1180	86PR221	Pioneer		0
1181	AP8821	Brett Young		0
1182	LSC 901	Landis		0
1183	LSC 903	Landis		0
1184	LSC 928	Landis		0
1185	LSC 630	Landis		0
1186	NY86I08	Szego		0
1187	NY86I11	Szego		0
1188	VS-622	Jacques		0

Alfalfa registration trial A, seeded 1987,
harvested 1989, Ridgetown

CULTIVAR	YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	4592	2128	1694	8414
1011 CITATION	5321	2765	2120	10206
1039 EXCALIBUR	4852	2406	2118	9375
1092 CHIEF	5137	3229	2223	10590
1093 AF21	4307	3190	2063	9560
1094 NAPB 26B	5128	3304	1928	10360
1095 PRO-CUT	4414	3237	2092	9742
1096 AP 46	5398	3361	2134	10893
1097 LSC 8601	4909	3002	2057	9968
1098 LSC 503	4661	2484	2123	9267
1099 Ht55	4708	2501	1994	9202
9002 120	5194	3022	2267	10484
9004 IROQUOIS	4934	3044	2228	10206
9058 A85-3	4881	2820	2097	9797
9059 WL 225	4909	2878	2109	9895
9060 NK 83631	4867	3242	2083	10191
9061 FORTRESS	5273	3540	2250	11064
9063 RS3309[CHAMP	4953	3037	2334	10325
9064 WRANGLER	4849	2611	1864	9324
MEANS	4910	2937	2094	9940
CV (%)	8.4	12.7	11.7	8.2
LSD (0.05)	492	444	291	965

Alfalfa registration trial A, seeded 1987,
harvested 1989, Ottawa

		YIELD (kg/ha)			
	Entry	Cut 1	Cut 2	Cut 3	Total
1001	SARANAC	4446	3601	1838	9885
1011	CITATION	4649	3314	1680	9643
1039	EXCALIBUR	4840	3382	1940	10162
9002	120	4490	3664	1975	10129
9004	IROQUOIS	4300	3566	1575	9441
1092	WL-S39	4625	3769	1942	10338
1093	84-15	4449	3300	1921	9671
1094	NAPB-26B	4426	3804	1981	10213
1095	84-14	4292	3053	1742	9087
1096	AP-46	5011	3429	1990	10431
1097	LSC-8601	4328	3534	1870	9732
1098	LSC-503	4701	3945	1996	10643
1099	HT55	4057	3666	1950	9674
9058	A85-3	4863	3213	1541	9617
9059	WL225	4892	3573	1849	10315
9060	NK-83631	4444	3523	1663	9630
9061	NK-83632	4609	3348	1699	9657
9063	RS-3309	4478	3648	1758	9885
9064	WRANGLER	4478	3393	1625	9496
MEAN		4547	3512	1818	9876
CV (%)		10.2	14.1	14.5	8.2
LSD (0.05)		764	815	435	1339

Alfalfa registration trial B, seeded 1987,
harvested 1989, Ottawa

Entry	YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5759	3589	1586	10933
1011 CITATION	6020	3417	1848	11285
1039 EXCALIBUR	5504	2783	1810	10098
9002 120	5933	3717	1771	11421
9004 IROQUOIS	5920	3368	1611	10898
1100 MPR	5544	2863	1732	10139
1101 A25	4739	3653	1757	10148
1102 BPR-335	5323	2971	1778	10072
1103 NAPB-25	6142	3028	1788	10957
1104 LSC-725	5556	3418	1945	10919
1105 LSC-726	4956	3354	1796	10106
1106 LSC-728	5217	3439	1838	10494
1107 NK-85-32	5753	3728	1675	11156
1108 NK-85-45	5603	3993	1623	11219
1109 NK-86-109	5497	2906	1637	10041
1110 S36	5609	3174	1799	10583
1111 S88	6198	3275	1582	11054
1112 A871	5722	3553	1839	11114
1113 XAR-53	6039	3839	1755	11633
1114 YAR-64	6247	3440	1775	11462
1115 82A	5943	3872	1892	11707
1116 OAC-83-110	5862	2987	1521	10370
9065 CW541	5816	4863	1955	12634
9066 LSC-724	6114	3069	1783	10965
9067 LSC-727	5602	3414	1821	10837
9068 NK-85-48	5565	3220	1681	10466
9069 NK-86-638	5719	3560	1794	11072
9070 NK-86-92	5852	4041	1768	11661
9071 NAPB-31	6060	3068	1650	10778
9072 IMPACT	6168	2975	1830	10973
9073 A-872	5492	3810	1828	11130
MEAN	5725	3432	1757	10913
CV (%)	13.4	22.2	10.6	11.5
LSD (0.05)	1077	1068	259	1754

Alfalfa registration trial B, seeded 1987,
harvested 1989, Thunder Bay

CULTIVAR	YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1001 SARANAC	4657	3842	8499
1011 CITATION	4795	4164	8959
1039 EXCALIBUR	4913	3548	8461
1100 MPR	5090	3842	8931
1101 A25	4893	3607	8500
1102 BPR 335	4402	3695	8097
1103 NAPB 25	4520	3812	8332
1104 LSC 725	4697	3724	8421
1105 LSC 726	4716	4018	8734
1106 LSC 728	4893	4076	8970
1107 NK 85-32	4461	3578	8039
1108 NK 85-45	4933	3988	8921
1109 NK 86-109	4775	3431	8206
1110 S 36	4638	3783	8421
1111 S 88	5070	4311	9381
1112 A 871	4834	3812	8647
1113 5331	5090	3842	8931
1114 YAR 64	5031	3842	8873
1115 82 A	4697	3959	8656
1116 OAC 83-110	4657	3754	8411
9002 120	5208	3988	9196
9004 IROQUOIS	4952	3959	8911
9065 G2841	4579	3812	8391
9066 LSC 724	5050	3783	8834
9067 LSC 727	4343	4164	8507
9068 NK 85-48	4520	3842	8362
9069 NK 86-638	4756	3402	8158
9070 NK 86-92	4815	3109	7923
9071 NAPB 31	4363	3666	8028
9072 IMPACT	5070	3930	9000
9073 A 872	4972	4076	9048
MEANS	4787	3818	8605
CV (%)	9.3	11.4	7.7
LSD (0.05)	524	513	779

Alfalfa registration trial A, seeded 1988,
harvested 1989, Ridgetown

CULTIVAR	Yield (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	5587	4040	2660	12288
1011 CITATION	5988	3750	2554	12291
1039 EXCALIBUR	5843	3992	2912	12747
1100 MPR	5462	4148	2937	12547
1101 A25	5395	4038	2850	12283
1102 BPR 335	6011	4105	2457	12572
1103 NAPB 25	6014	3929	2779	12722
1104 LSC 725	6062	3903	3079	13045
1105 LSC 726	5843	4173	2901	12917
1106 LSC 728	5655	4341	2686	12682
1107 NK 85-32	6106	4002	2709	12816
1108 NK 85-45	5706	3951	2848	12506
1109 NK 86-109	5763	3831	2666	12260
1110 S 36	5744	4195	2803	12742
1111 S 88	6104	3745	2861	12711
1112 A 871	5858	3892	2680	12430
1113 5331	5502	4012	2841	12355
1114 YAR 64	6036	4166	2831	13033
1115 82 A	5276	4243	2731	12250
1116 OAC 83-110	5108	4127	2718	11953
1123 C95	5456	3726	2741	11923
1126 623	6023	4113	2661	12797
1131 545	5898	4234	2931	13062
1137 NK 87745	5896	3905	2640	12441
1143 LSC 847	5781	3942	2995	12718
9002 120	5966	3921	2538	12424
9004 IROQUOIS	5453	3769	2647	11869
9062 ULTRA	6378	3948	3036	13361
MEANS	5783	4005	2775	12562
CV (%)	8.4	6.5	9.5	4.6
LSD (0.05)	576	306	310	680

Alfalfa registration trail B, seeded 1988,
harvested 1989, Ridgetown

CULTIVAR		Yield (kg/ha)			TOTAL
		CUT 1	CUT 2	CUT 3	
1001	SARANAC	6004	4205	3066	13275
1039	EXCALIBUR	6393	4254	3614	14261
1117	XAF62	6316	4296	3308	13920
1118	SITEL	5666	4113	2895	12674
1119	B852	5759	4166	3520	13445
1120	B853	6736	4282	3309	14328
1121	C87	5817	4234	3365	13416
1122	C89	6092	3943	3101	13136
1124	AP8632	6550	4218	3436	14204
1125	AP8624	6098	4262	3362	13722
1127	627	5803	4323	3692	13818
1128	533	6240	4429	3452	14121
1129	635	6233	4353	3696	14282
1130	655	6228	4326	3447	14001
1132	84T34 (NS881	5823	4294	3137	13254
1133	AL 87-A-89	6019	4387	3448	13854
1134	NK 87749	6023	4269	3447	13740
1135	NK 87754	5966	4374	3593	13932
1136	NK 87756	6009	4136	3505	13649
1138	LEGEND	6099	4102	3609	13810
1139	MS 96	5692	4248	3195	13135
1140	LSC VECTOR	5990	4182	3458	13629
1141	LSC 845	6111	4261	3374	13745
1142	LSC 846	6349	4219	3270	13838
1144	C268	6176	4285	3171	13631
1145	AP41	6113	4272	3325	13710
1146	AP8620	5897	4060	3289	13246
1147	ISI567	5886	4088	3529	13503
1148	870S	6269	4176	3485	13930
9002	120	6264	4223	3448	13936
MEANS		6087	4233	3385	13705
CV (%)		7.9	4.9	5.1	3.8
LSD (0.05)		570	243	206	623

King Agro alfalfa variety trial, seeded 1987,
harvested 1989, Chatham

		YIELD (kg/ha)			
Entry		CUT 1	CUT 2	CUT 3	TOTAL
9059	WL 225	4673	2886	3092	10651
2	86-15	4604	3230	3184	11017
3	86-121	4879	2817	3092	10788
4	86-135	5016	3161	3536	11613
5	85-35	4810	3298	3023	11132
1175	85-141	5566	3504	3138	12208
7	86-16	4787	3092	3115	10994
8	86-18	4856	3298	3092	11246
9	86-27	4329	3230	3092	10651
10	85-145	5039	3230	3367	11636
1103	NAPB25	6299	3230	3298	12827
1018	Primal	5451	3046	2451	10948
9002	120	5703	2817	2863	11384
1011	Citation	4558	2955	2588	10101
1039	Excalibur	5108	2268	2634	10009
9004	Iroquois	4856	2611	2497	9964
1048	WL 316	5154	2749	2840	10742
MEANS		5040	3025	2988	11054
CV (%)		16.3	12.1	7.8	9.3
LSD (0.05)		978.7	436.0	278.4	1222.4

OSECO Alfalfa variety trial, seeded 1987,
harvested 1989, Rockwood

		YIELD (kg/ha)			
CULTIVAR		CUT 1	CUT 2	CUT 3	TOTAL
19	NITRO	0	0	0	0
21	DEDÍNOVSKA	4568	1346	0	5914
20	UFIMOVSKA 7	4454	2233	530	7217
9015	THUNDER	6115	2430	1025	9569
4	WWB 11	5964	2495	1201	9661
1009	BLAZER	5813	2495	1166	9475
11	LSE 16	6115	2397	1237	9749
9002	120	5662	2528	1201	9392
1007	VERTUS	6040	2364	1237	9640
1086	WL 83-3	6077	2692	1378	10148
5	WWB 8	6228	2528	1378	10134
1041	GEMINI	6040	2430	1307	9777
1011	CITATION	6115	2430	1378	9923
1072	DART	6040	2791	1413	10244
3	WWB 10	6266	2660	1590	10516
1071	BELL RINGER	6191	2692	1413	10296
9063	RS 3309	5587	2594	1696	9877
9004	IROQUOIS	6644	2824	1519	10987
1030	ARMOR	6191	2758	1555	10504
1073	NAPB 23	6229	2528	1519	10276
1039	EXCALIBER	6493	2758	1449	10700
MEANS		5659	2380	1199	9238
CV (%)		9.8	10.8	16.2	8.2
LSD (0.05)		914	427	321	1250

Pickseed alfalfa variety trial, seeded 1987,
harvested 1989, Blenheim

Entry	YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1062 5444	7292	4398	3505	15195
2 B85-20	6148	3981	3285	13413
3 R308	7070	4765	3606	15441
9073 A872	6930	4027	3719	14675
5 R307	6688	4332	3282	14302
1075 MAXIM	6992	4255	3639	14887
7 A855	6873	4332	3780	14985
9002 120	7104	4134	3156	14394
9 A856	6773	4183	3154	14110
1011 CITATION	6804	3986	3393	14183
1082 NY8413	7582	4335	3722	15639
12 R306	7509	4663	3711	15883
9004 IROQUOIS	6622	3783	3367	13772
9048 NY8412	7357	4131	3191	14680
1039 EXCALIBUR	7522	4119	3776	15417
9058 A853	6347	4522	3259	14128
1074 ARROW	7735	4436	3422	15594
18 A854	7423	4124	3338	14885
9041 ONEIDA VR	6368	4050	3463	13881
20 WL516	4801	3541	3133	11475
21 WL605	4426	2881	2543	9850
MEAN	6779	4141	3402	14323
CV (%)	10.1	10.4	13.4	6.3
LSD (0.05)	972	609	642	1280

Pickseed alfalfa variety trial, seeded 1987,
harvested 1989, Elmira

Entry	YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1 B85-20	4087	2943	1602	8632
2 R308	4267	2895	1609	8770
3 R307	4340	3464	1552	9355
4 A855	4711	3667	1631	10009
5 A856	4189	3534	1768	9492
1075 MAXIM	3941	3000	1701	8642
9073 A872	3826	2945	1754	8525
1092 R306	3674	3430	1847	8951
1062 5444	4177	3303	1962	9441
9002 120	4584	3616	1794	9994
1011 CITATION	4094	3402	1834	9330
9004 IROQUOIS	4658	3592	1748	9998
1039 EXCALIBUR	3731	2863	1814	8408
1074 ARROW	4381	3417	1645	9443
1082 NY8413	4265	3029	1664	8957
9048 NY8412	4495	3404	1586	9484
17 R309	4118	2775	1914	8806
9058 A853	4397	3596	1562	9554
19 A854	4199	3533	1911	9643
9041 ONEIDA VR	4396	3593	1772	9761
MEAN	4226	3299	1733	9259
CV (%)	8.1	11.6	12.3	6.6
L.S.D. (0.05)	485	543	301	870

Pioneer alfalfa variety trial, seeded 1987, harvested 1988,
Chatham, Revised table, 1989

Code	Entry	Yield (kg/ha)				Total
		Cut 1	Cut 2	Cut 3	Cut 4	
9009	526	6233	5162	4164	3337	18928
1017	532	5335	4479	4083	2967	17164
1088	5432	5679	5202	4110	3091	18080
1062	5444	5963	4883	4527	3229	18591
1115	82A-1	5905	5433	4232	3112	18680
6	86CF012	5749	4970	3939	2967	17635
7	86CF022	5792	4971	4117	3039	17920
8	86CF032	5582	4763	3929	2785	17060
9	86CF042	5599	5361	4170	2945	18075
10	86CF052	5824	4539	4338	3032	17735
11	86CF212	5357	5170	3868	2938	17332
12	86CR222	5400	5249	4197	3010	17857
13	86CR232	5437	4802	4232	3410	17880
14	86CR242	5797	5234	4358	3352	18742
15	86CR252	6340	6008	4332	3236	19914
16	86CR262	5991	5282	3956	2814	18042
17	86CR272	5840	5513	3895	2916	18164
18	86CV812	5765	5298	4017	2814	17893
19	86CV822	5937	5888	4534	3445	19803
20	86PF011	5910	5154	4197	3010	18272
21	86PR211	5470	5154	3856	2669	17148
1180	86PR221	5985	5351	4278	2988	18526
23	86PR231	5566	5370	4097	2865	17898
24	86PV811	5996	4900	4124	2930	17990
25	86PV821	5685	5218	4393	3147	18443
26	86PV831	6098	5313	4232	3062	18704
27	86PV841	5744	5265	4110	3003	18123
28	86PV851	5287	4859	4104	2901	17151
29	86PV861	5615	5195	4124	3054	17986
1189 ← 30	86SV821 = YAF 84	5765	5155	4332	2996	18171
1006	APICA	6249	5362	3922	2546	18079
1011	CITATION	5910	4724	4124	2698	17455
9002	DK120	5851	4962	4090	3242	18146
1039	EXCALIBUR	5559	5043	4614	3075	18292
9004	IROQUOIS	5840	5155	3868	2553	17417
1001	SARANAC	5803	5075	4259	2944	18080
9012	VERNAL	5040	3783	3728	2677	15226
1113	XAR 53	5507	5018	4284	2967	17778
1117	YAF 62	5631	4971	4205	3141	17947
1114	XAR 64	5589	4661	4030	2931	17211
MEAN		5741	5103	4144	2996	17984
CV %		8	13	10	14	8
LSD (0.05)		476	644	425	411	1524

See pg
data

Pioneer alfalfa variety trial, seeded 1987,
harvested 1989, Chatham

		YIELD (kg/ha)			
Entry		Cut 1	Cut 2	Cut 3	Total
see 1990 date 1189.	9012 VERNAL	6827	2302	3878	13007
	1001 SARANAC	6849	2699	3527	13075
	9004 IROQUOIS	7575	2461	3515	13551
	1039 EXCALIBUR	7655	2903	4207	14765
	1011 CITATION	7371	2778	3788	13937
	1006 APICA	7881	2903	3719	14503
	1 86SV821(YAM84)	7178	2620	4094	13892
	2 86PV861	7394	3073	3946	14413
	3 86PV851	6509	3470	3935	13914
	4 86PV841	7326	2620	4014	13960
	5 86PV831	7144	2880	4094	14118
	6 86PV821	6634	3016	3867	13517
	7 86PV811	6974	2926	4071	13971
	8 86PR231	6759	2880	3969	13608
	1180 86PR221	7496	3062	4264	14822
	9 86PR211	7212	2801	3924	13937
	10 86PF011	6736	2756	4116	13608
	11 86CV822	6974	3436	4105	14515
	12 86CV812	7099	2948	3878	13925
	13 86CR272	7212	3255	3742	14209
	14 86CR262	6951	3572	3867	14390
	15 86CR252	7212	2880	4026	14118
	16 86CR242	7088	3107	3708	13903
	17 86CR232	6747	2960	3969	13676
	18 86CR222	6350	3379	4366	14095
	19 86CR212	6804	3255	3504	13563
	20 86CF052	6861	2801	3935	13597
	21 86CF042	7031	3096	4366	14493
	22 86CF032	6997	3028	3969	13994
	23 86CF022	7280	3221	4139	14640
	24 86CF012	7212	3289	4128	14629
	1115 82A-1	7076	3311	4037	14424
	1062 5444	7054	2869	4321	14244
	1088 5432	6713	3107	3958	13778
	1114 5364	7507	2744	4071	14322
	1113 5331	7042	3050	3980	14072
	1017 532	6895	2778	3686	13359
	1117 5262	7405	2892	4094	14391
	9009 526	7734	2699	3969	14402
	9002 DK120	7337	2869	4037	14243
MEAN		7099	2971	3969	14039
CV (0.05)		8.6	12.6	8.4	6.4
LSD		866	527	473	1275

Pioneer alfalfa variety trial, seeded 1987,
harvested 1989, Watford

		Yield (kg/ha)			
Code	Entry	Cut 1	Cut 2	Cut 3	Total
1113	5331	6861	1905	907	9673
1001	SARANAC	6849	1871	862	9582
1062	5444	6566	2007	998	9571
9041	ONEIDA VR	6713	1893	805	9411
1006	APICA	6725	1814	862	9401
9002	DK120	6747	1803	805	9355
9009	526	6974	1542	828	9344
1011	CITATION	6747	1724	828	9299
1088	5432	6532	1803	930	9265
1039	EXCALIBUR	6577	1690	919	9186
9006	OAC MINTO	6566	1701	771	9038
9004	IROQUOIS	6305	1871	771	8947
1017	532	6373	1735	805	8913
MEAN		6657	1792	851	9310
CV (%)		8.8	12.3	15.3	6.7
LSD (0.05)		828	313	185	885

Pioneer alfalfa variety trial, seeded 1988,
harvested 1989, Chatham

		Yield (kg/ha)			
Entry		Cut 1	Cut 2	Cut 3	TOTAL
1190	1 87CR242	8040	2892	3844	14776
	2 87CR312 - YAM 91	7881	2686	4094	14663
	3 87CV822	7768	3119	3652	14539
	4 87CF022	7745	2812	3969	14526
	1039 EXCALIBUR	7609	2415	4434	14458
	5 87CR222	8040	2325	4037	14402
	1115 82A-1	7621	2846	3924	14391
	6 87CR252	7825	2948	3583	14356
	7 87CF011	7825	2710	3686	14221
	1117 5262	8006	2552	3652	14210
	8 87CR232	7428	2880	3890	14198
	1088 5432	7859	2869	3425	14153
	9 87CR282	7496	2948	3686	14130
	9004 IROQUOIS	7961	2574	3572	14107
	9009 526	7904	2597	3549	14050
	10 87SR211	7541	2688	3765	13994
	11 87CV812	7496	2971	3515	13982
	1114 5364 (XAR64)	7439	2563	3935	13937
	12 87CV842	7054	3107	3754	13915
	1177 5373 (XAM73)	7235	2926	3697	13858
	13 87CR292	7088	3164	3606	13858
	1062 5444	7632	2529	3697	13921
	1017 532	7581	2682	3566	13829
	14 87CV832	7235	2880	3708	13823
	15 87CR262	6838	3232	3708	13778
	16 87CR302	7303	2926	3549	13778
	17 87SR231	7246	2733	3731	13710
	1001 SARANAC	7802	2393	3459	13654
	18 87CR272	6929	2960	3697	13586
	1176 5472 (XAL72)	7201	2801	3561	13563
	19 87CR212	7235	2722	3595	13552
	20 87CF032	7144	2710	3640	13494
	21 87SR221	7224	2574	3572	13370
	22 87CF042	6974	2563	3754	13291
	9012 VERNAL	7655	1735	3765	13155
	9002 DK120	7246	2177	3527	12950
	23 87CF052	6691	2563	3629	12883
	24 87CF012	6271	2994	3402	12667
MEAN		7450	2733	3708	13880
CV (%)		8.5	11	9.2	4.8
LSD (0.05)		899	426	482	950

see 90 data

Pioneer alfalfa variety trial, seeded 1988,
harvested 1989, Woodstock

	Code	Entry	Yield (kg/ha)			TOTAL
			CUT 1	CUT 2	CUT 3	
	1176	5472(XAL72)	6226	3799	3198	13223
6	1	87CR292	6384	3595	3005	12984
3	2	87CR222	6532	3323	3096	12851
17	3	87CV842	6101	3572	3232	12905
8	4	87CR232	6373	3334	3164	12871
13	5	87CR302	6135	3436	3175	12746
2	6	87SR211	6067	3538	3141	12746
	1114	5364	6418	6277	2960	12655
	9004	IROQUOIS	6384	3402	2812	12598
	9009	526	6237	3255	3016	12508
	1039	EXCALIBUR	6022	3334	3130	12486
18	7	87CR252	5976	3345	2960	12281
5	8	87CR212	5772	3357	3130	12259
	1062	5444	5886	3300	3073	12259
4	9	87CV812	5897	3357	2971	12225
	1017	532	5851	3368	3016	12235
9	10	87CV832	5727	3425	3005	12157
35	11	87SR231	5795	3368	2960	12123
	1088	5432	5863	3402	2824	12089
	1115	82A-1	5908	3243	2858	12009
12	12	87CF052	5988	3130	2835	11953
33	13	87CR242	5874	3255	2801	11930
10	14	87SR221	6022	3051	2846	11919
16	15	87SF011	6010	3062	2846	11918
	1177	5373(XAM73)	6078	3051	2790	11919
	1117	5262(XAF62)	5897	3311	2699	11907
	9002	DK120	6226	2801	2835	11862
27	16	87CV822	5353	3447	3051	11851
1190 ←	17	87CR312	5500	3289	3039	11828
	1001	SARANAC	5829	3187	2801	11817
15	18	87CF022	5954	3141	2710	11805
	9012	VERNAL	6350	2631	2790	11771
31	19	87CF012	5443	3470	2858	11771
28	20	87CF032	5625	3221	2880	11726
21	21	87CR262	5647	3266	2744	11657
36	22	87CR272	5591	3323	2699	11613
22	23	87CR282	4494	3391	2948	11283
29	24	87CF042	5160	3175	2846	11181
MEAN			5920	3300	2937	12157
CV (%)			9.6	8.4	9.7	6.5
LSD (0.05)			806	390	405	1121

YAM91

see 90
data

Alfalfa performance trial, seeded 1986,
harvested 1989, Thunder Bay

CULTIVAR		YIELD (kg/ha)		
		CUT 1	CUT 2	TOTAL
9001	ALGONQUIN	3991	3684	7675
9002	120	4224	3805	8028
9003	GLORY	4308	3654	7962
9004	IROQUOIS	3907	3412	7319
9005	MAGNUM	4118	3533	7651
9006	OAC MINTO	4477	3563	8040
9008	524	3569	2204	5773
9009	526	4139	3412	7551
9010	TITAN	4456	3412	7868
9011	VALOR	4456	3261	7717
9012	VERNAL	3801	3533	7334
9014	WEEVLCHEK	4097	3110	7207
9015	THUNDER	4202	3140	7343
9018	WL 222	4055	3412	7467
9020	DRUMMOR	3907	2476	6383
9032	AMBASSADOR	3928	3322	7250
HARV MEANS		4012	3308	7411
CV (%)		13.3	12.5	10.4
LSD (0.05)		649	491	914

Alfalfa performance trial (Iroquois-type fall dormancy),
seeded 1987, harvested 1989, Ottawa

		YIELD (kg/ha)			
Entry		Cut 1	Cut 2	Cut 3	Total
9001	ALGONQUIN	5664	2824	1353	9841
9032	AMBASSADOR	5143	3163	1748	10054
9002	120	5887	2166	1855	9908
9020	DRUMMOR	5368	2694	1456	9518
9003	GLORY	5464	2825	1514	9803
9004	IROQUOIS	5532	2725	1538	9794
9005	MAGNUM	5232	2610	1712	9554
9040	MOHAWK	5097	2502	1449	9048
9027	NOBLE	5642	2960	1639	10240
9006	OAC-MINTO	5437	2801	1563	9800
9041	ONEIDA-VR	5344	2942	1640	9926
9008	524	5066	2875	1456	9397
9009	526	5366	2958	1670	9994
9015	THUNDER	5430	2574	1470	9474
9010	TITAN	6249	2547	1444	10240
9011	VALOR	5590	3107	1631	10328
9012	VERNAL	5773	2153	1473	9399
9018	WL222	5638	2837	1252	9726
9014	WEEVLCHECK	5655	2295	1577	9526
1001	SARANAC	5546	2690	1747	9982
1039	EXCALIBUR	5315	2512	1576	9403
1011	CITATION	5558	3045	1666	10269
MEAN		5500	2718	1565	9783
CV (%)		7.6	14.4	13.9	6.0
LSD (0.05)		594	555	307	823

EXPT. 6472. Alfalfa performance trial, seeded 1987,
Kapuskasing. Persistence, 1989.

CULTIVAR	% WINTER SURVIVAL
VALOR	38
VERNAL	30
GLORY	38
WL 222	48
ALGONQUIN	48
THUNDER	28
EXCALIBUR	23
ONEIDA VR	45
120	30
WEEVLCHK	35
OAC MINTO	60
MAGNUM	28
MOHAWK	33
TITAN	30
DRUMMOR	20
SARANAC	48
524	13
526	30
AMBASSADOR	20
NOBLE	23
CITATION	30
IROQUOIS	50

Expt. 6494. Alfalfa performance trial B,
seeded 1987, Kapuskasing.
Persistence, 1989.

CULTIVAR	% WINTER SURVIVAL
IROQUOIS	75
REGAL	38
THOR	50
120	48
EXCALIBUR	23
CITATION	50
VISTA	40
SARANAC	43
BLAZER	38
PACER	38
ANGUS	48
PRIMAL	38
APICA	60
CLASSIC	43
HUNTER	20
CERES	28
SPECTRUM	35
532	50
TRIDENT	25
ANCHOR	60

Alfalfa performance trial A, seeded 1988
harvested 1989, Ridgetown

CULTIVAR	Yield (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	5806	4025	3003	12834
1011 CITATION	6537	4161	3220	13918
1012 CLASSIC	6293	4009	3218	13520
1014 HUNTER	5804	4233	3206	13242
1015 PACER	5925	3914	2952	12790
1020 SPECTRUM	6099	4410	3529	14037
1023 TRUMPETOR	5854	3940	3166	12960
1039 EXCALIBUR	6278	4426	3526	14230
1048 WL 316	5934	4103	3143	13180
1052 HUSKY	7757	4278	3224	15259
1056 88	6187	4368	3284	13839
1057 ADMIRAL	5887	4148	3232	13267
1075 MAXIM	5657	4208	3138	13002
9001 ALGONQUIN	6200	4010	2933	13143
9002 120	6269	4192	3199	13660
9003 GLORY	6119	4299	3282	13700
9006 OAC MINTO	6082	3988	2913	12983
9012 VERNAL	6248	3813	3031	13091
9020 DRUMMOR	6047	4342	3335	13724
9027 NOBLE	6630	4299	3311	14240
9041 ONEIDA VR	6199	4185	3119	13504
9053 CENTURION	6446	4378	3559	14383
MEANS	6193	4169	3206	13568
CV (%)	7.0	5.1	4.3	3.5
LSD (5%)	511	253	164	565

Expt 6474. Alfalfa performance trial B,
seeded 1988, harvested 1989, Kapuskasing

		YIELD (kg/ha)		
Entry		Cut 1	Cut 2	Total
9018	WL222	2470	2369	4639
9009	526	2261	2412	4673
1006	APICA	2295	2363	4658
1073	SURPASS	2241	2292	4533
1003	ANCHOR	2220	2303	4523
9032	AMBASSADOR	1892	2545	4437
1062	5444	2170	2048	4218
9050	SURE	2103	2114	4217
9004	IROQUOIS	2342	1856	4198
1039	EXCALIBUR	1703	2235	3938
1017	532	1921	1915	3836
1001	SARANAC	2099	1685	3784
9002	120	1637	2144	3781
1021	THOR	1543	2109	3652
1063	MAGNUM PLUS	1825	1743	3568
1078	EDGE	1940	1626	3566
9040	MOHAWK	1651	1801	3452
9011	VALOR	1288	2085	3373
1030	ARMOR	1574	1747	3321
1019	REGAL	1373	1901	3274
1025	VISTA	1145	1962	3107
1046	AWARD	1408	1576	2984
MEAN		1868	2038	3906
CV (%)		12.1	10.6	8.9
LSD (0.05)		374	354	577

Alfalfa performance trial C, seeded 1988,
harvested 1989, Ridgetown

		YIELD (kg/ha)			
	CULTIVAR	CUT 1	CUT 2	CUT 3	TOTAL
1001	SARANAC	5614	4021	2209	11844
1004	ANGUS	5575	3854	2268	11697
1009	BLAZER	5861	4116	2551	12528
1016	PEAK	6012	4049	2628	12689
1018	PRIMAL	5435	4043	2416	11894
1024	TURBO	6272	4139	2582	12993
1028	ALOUETTE	5466	4041	2566	12073
1032	ACCLAIM	5944	4314	2684	12943
1033	PRESERVE	6043	3933	2787	12763
1039	EXCALIBUR	5659	4133	2611	12403
1040	DK-135	6210	4199	2472	12881
1047	APOLLO II	5512	4014	2464	11990
1053	EAGLE	5637	4216	2493	12346
1055	ADVANCE	5959	4075	2420	12454
1067	CRUSADER	5420	4084	2380	11884
1071	BELL RINGER	6184	4045	2618	12847
1074	ARROW	5800	4118	2572	12490
1076	G2852	5803	4169	2610	12582
1085	DK 125	5998	4307	2861	13166
9002	120	6499	3842	2302	12642
9005	MAGNUM	6198	3886	2694	12777
9015	THUNDER	5940	3952	2454	12347
9051	SHIELD	5800	4191	2852	12844
	MEANS	5863	4076	2543	12482
	CV (%)	7.7	3.6	6.7	4.2
	LSD (0.05)	531	172	202	623

OFCC 1988 Verticillium wilt trial, Guelph

Entry	DSI	% Resistance
1001 SARANAC	4.02	10
1002 DU PUIITS	3.94	16
1007 VERTUS	3.12	41
1078 EDGE	3.60	31
1117 5262	3.79	10
1118 SITEL	2.66	59
1119 B852	2.98	46
1120 B853	3.06	52
1121 C87	2.86	59
1122 C89	3.21	39
1123 C95	3.22	33
1124 AP8632	2.62	62
1125 AP8624	3.19	46
1126 623	2.50	70
1127 627	2.72	61
1128 533	2.70	54
1129 2980	2.60	64
1130 655	2.83	56
1131 545	2.74	50
1132 PREMIER	3.06	49
1133 82-A-89	2.65	64
1134 NK 87749	3.20	43
1135 NK 87754	3.25	30
1136 NK 87756	3.26	31
1137 NK 87745	3.01	57
1138 LEGEND	2.75	66
1139 MS-96	3.00	57
1140 VECTOR	3.45	23
1141 LSC 845	2.83	47
1142 LSC 846	3.74	26
1143 LSC 847	4.20	11
1144 C268	3.38	38
1145 AP 41	2.86	59
1146 AP 8620	3.34	32
1147 ISI 567	2.87	52
LSD (0.05)	0.52	

Bacterial wilt and phytophthora root rot tests, Ottawa, 1989

		Bacterial Wilt				Phytophthora	
Entry		DSI	%R(Adj)	Entry		DSI	%R(Adj)
1002	DuPuits	4.0	1.9	1002	DuPuits	4.6	4.3
→ 9012	Vernal	2.0	42.0	1000	Agate	2.3	43.0
1149	OAC 81-122R	2.1	36.9	1149	OAC 81-122R	4.7	3.8
1154	Mirna	3.9	2.0	1154	Mirna	4.1	10.4
1156	87758	1.3	55.3	1156	87758	3.1	28.0
1158	A8820	1.3	52.4	1158	A8820	2.3	40.9
1159	G636	1.3	49.0	1159	G636	2.7	31.3
1168	AP8743	0.9	66.1	1168	AP8743	3.2	26.2
1169	AP8830	1.2	55.3	1169	AP8830	2.9	31.8
1176	XAL 72	1.5	48.2	1170	Terminator	3.1	25.1
1177	XAM 73	1.3	52.5	1171	AG1-72	2.6	33.3
1178	85CR252	1.4	55.0	1176	XAL 72	3.4	21.2
1179	85 CR 262	1.5	45.7	1177	XAM 73	3.2	23.2
1180	86PR221	1.3	51.9	1178	85CR252	3.3	18.3
1181	AP8821	1.0	60.5	1179	85CR262	3.7	16.1
1182	LSC 901	1.5	49.5	1180	86PR221	2.7	34.1
1183	LSC 903	1.8	41.7	1181	AP 8821	2.5	35.6
1184	LSC 928	1.8	38.0	1182	LSC 901	2.7	30.7
1185	LSC 630	1.4	45.1	1183	LSC 903	3.2	22.3
				1184	LSC 928	2.7	33.0
				1185	LSC 630	2.7	30.1
				1186	NY86I08	2.5	31.0
				1187	NY 86I11	2.7	32.6
				9048	NY8412	3.5	21.5
LSD (0.10)		0.2		LSD (0.10)		0.4	

BIRDSFOOT TREFOIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

Empire Leo Upstart

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
7031	RC4SY2	U. of Guelph	Dropped at Co. request	-
7034	BT86-1(Bull)	Pickseed	Support for reg., defer (2)	9
7035	Bonnie	Oseco		1

Exp. 6519

KAPUSKASING 1989
TREFOIL TRIAL - 1988

A = TK 88.89

Yield (kg DM/ha)

Cultivars	C-1	C-2	Total
Leo	2393	1992	7001 4385
BT86-1	2140	2091	7034 4231
Upstart	2142	1834	7033 3976
Empire	1631	2272	7003 3903
Bonnie	1566	1675	7035 3241
Mean	1974	1973	3947
C.V.	13.6	8.1	9.7
L.S.D. 5%	281	167	398

Harvest: 2 cuts per season at 25-50% Flower

Harvest Dates: 06/26/89 08/09/89

Fertilization: P & K according to soil test

- 30 -
RED CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

Arlington Atlas Florex Persist Prosper I Walter

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
4048	03-1982-1	Pickseed	No support, testing complete	14
4049	Starglo	Oseco	No support, testing complete	11
4050	Marino	Pickseed	No support, testing complete	11
4051	Marcom	Nemec	No support, testing complete	7
4052	Lossam	Nemec	No support, testing complete	7
4053	CRS1	Charlottetown	No support, testing complete	7
4054	CRS2	Charlottetown		4
4056	CRS 4	Charlottetown		2
4057	MSR 97	Mapleseed		2
4058	Lero	Nemec		2
4059	AP86 R-01	Oseco		2
4060	VS 454 W	Nemec		2
4061	VS 454 C	Nemec		2
4062	HK	Richardson		2
4063	Marathon	OFCC		2
4064	RCPopB	Coop		0
4065	CRS 6	Charlottetown		0
4066	OACRC487	U. of Guelph		0

RED CLOVER DELETIONS DATA 1989

	Kapuskasing 1988-89	Ridgetown 88-89	Mean	% of Check
Florex	5585	11308	8447	100.0
Arlington	5082	12157	8620	102.0
Prosper I	4866	12432	8649	102.4
Persist	5078	11691	8385	99.3
Atlas	5129	12016	8573	101.5

A:RCR88.89

EXP 1121 RED CLOVER SEEDED 1988 RIDGETOWN
Harvested 1989

Cultivar	Mean Yield (kg/ha)			Total
	Cut 1	Cut 2	Cut 3	
4002 Lakeland	6573	3329	2753	12655
4017 Florex	6471	2612	2225	11308
4023 Arlington	6237	3236	2684	12157
4027 Prosper I	6553	3348	2531	12432
4034 Persist	6472	2765	2454	11691
4036 Atlas	6317	3385	2314	12016
4054 CRS 2	6845	3212	2686	12743
4055 WRC	6645	3153	2434	12232
4056 CR84	6557	3346	2372	12276
4057 MSR97	6762	3182	2813	12757
4058 LERO	6468	2448	1689	10604
4059 AP86R-01	6558	3401	2707	12667
4060 VS 454W	6503	3607	2943	13053
4061 VS 454C	6756	3304	2878	12938
4062 HK	5700	3684	3006	12389
4063 Marathon	6281	3396	2380	12057
Harv. Means	6481	3213	2554	12248
CV %	7.4	7.6	8.4	4.9
LSD (5%)	571.0	289.4	254.0	710.8

A:RCK88/89

1988 RED CLOVER TRIAL - KAPUSKASING
Yield (kg DM/ha)

Cultivars	C-1	C-2	Total
Lero	3171	2760	4058 5931
WRC	3281	2571	4055 5852
Florex	3269	2316	4017 5585
CRS 2	2831	2698	4054 5529
MSR 97	2838	2664	4057 5502
AP86R-01	2843	2606	4059 5449
CRS 4	2683	2708	4056 5391
Marathon	2850	2520	4063 5370
Atlas	2708	2421	4036 5129
Arlington	2779	2303	4023 5082
Persist	2765	2313	4034 5078
VS454W	2558	2414	4060 4972
VS454C	2519	2357	4061 4876
Prosper I	2394	2472	4027 4866
Lakeland	2242	2606	4002 4848
HK	1421	2385	4062 3806
Mean	2697	2507	5204
C.V.	9.13	10.2	6.09
F	**	N.S.	**
L.S.D. 5%	411	425	529

RED CLOVER ELMIRA PICKSEED

1988 - Planted
1989 - Harvested

A:RCE 88.89

	Cut 1	Cut 2	Cut 3	Total
Renova	5157.1	2136.3	522.0	1 7815.5
Florex	5980.4	1799.9	700.0	4017 8480.3
WRC	6275.3	1822.2	556.0	4055 8653.6
03-1982-1	5560.1	2623.9	873.5	4048 9057.4
Common DC	5248.2	2551.9	799.5	2 8599.7
Persist	6467.0	1623.6	568.8	4034 8659.3
MSR97	5948.0	2063.2	764.5	4057 8775.8
Marino	5920.2	2505.6	623.3	4050 9049.0
Common SC	6665.6	1032.1	207.5	3 7905.1
Mean	5913.6	2017.6	623.9	8555.1
C.V.	7.5	12.0	26.5	6.8

WHITE CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

California Ladino Merit Sacramento Canopy

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
8009	Crown	Nemec	Support for reg., defer (4)	-
8011	Sonja	Oseco		1
8012	Osceola	Szego		1
8013	Shasta	Szego		1
8014	Alice	Parsons		0

KAPUSKASING 1989

Aug 88.89

Exp.: 66041

1988 WHITE CLOVER TRIAL O.F.C.C.

Yield (kg DM/ha)

Cultivars	C-1	C-2	Total
Canopy	1812	2341	8010 4153
Crown	1818	1950	8009 3768
Merit	1754	1939	8004 3693
Sacramento	1845	1800	8005 3645
Shasta	1817	1762	8013 3579
Osceola	1184	2225	8012 3409
Cal. Ladino	1580	1572	8007 3152
Sonja	1690	1133	8011 2823
Mean	1688	1840	3528
C.V. %	11.2	13.4	7.1
L.S.D. 5%	277	363	366

BROMEGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

Baylor Beacon Bravo Saratoga Tempo

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Year of Data</u>
2044	Ott-PXBC 2	Ottawa		5
2045	Ott-PXBC 4	Ottawa		5
2046	Kesto	Speare		1
2047	PXBD 01	Ottawa		1

ONTARIO FORAGE CROPS COMMITTEE

1989 Station Summaries

1988 Ottawa Bromegrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
BAYLOR	2001	5727	2551	8277
SARATOGA	2002	5697	2004	7701
TEMPO	2024	5577	2047	7624
BEACON	2027	5920	2237	8157
BRAVO	2039	6223	2016	8239
KESTO	2046	5841	1787	7628
PXBD-01	2047	5695	1846	7541
MEAN		5811	2070	7880
CV (%)		10.4	20.2	10.4

1987 Ottawa Bromegrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
BAYLOR	2001	5144	2181	7325
SARATOGA	2002	5993	2209	8202
BLAIR	2012	5266	1688	6954
TEMPO	2024	4675	1826	6501
BEACON	2027	5706	1902	7608
BRAVO	2039	5145	1815	6960
PXBC-2	2044	4436	2216	6652
PXBC-4	2045	3830	1457	5287
MEAN		5024	1912	6936
CV (%)		11.0	25.9	11.1
MEAN		5811	2070	7880
CV (%)		10.4	20.2	10.4

1987 Ottawa Bromegrass
1989 dry matter yield (kg/ha)

entry	code	cut1
BAYLOR	2001	5736
SARATOGA	2002	5200
BLAIR	2012	4980
TEMPO	2024	5196
BEACON	2027	5797
BRAVO	2039	5513
PXBC-2	2044	4832
PXBC-4	2045	5282
MEAN		5317
CV (%)		7.9

1987 Thunder Bay Bromegrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
BAYLOR	2001	4803	1983	6786
SARATOGA	2002	5042	2279	7321
BLAIR	2012	5363	2160	7523
TEMPO	2024	5093	2190	7283
BEACON	2027	5160	2190	7350
BRAVO	2039	5057	2160	7217
PXBC-2	2044	4835	2042	6877
PXBC-4	2045	4628	2012	6640
MEAN		4998	2127	7125
CV (%)		7.9	7.2	6.2

1987 Thunder Bay Bromegrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
BAYLOR	2001	4739	4278	9017
SARATOGA	2002	4298	3792	8090
BLAIR	2012	3691	3946	7637
TEMPO	2024	4070	3828	7898
BEACON	2027	4602	4354	8956
BRAVO	2039	4541	4319	8860
PXBC-2	2044	3873	3714	7587
PXBC-4	2045	4967	4136	9103
MEAN		4348	4046	8394
CV (%)		17.2	12.5	9.7

1987 Kapuskasing Bromegrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
BAYLOR	2001	4040	4639	8679
SARATOGA	2002	3920	4592	8512
BLAIR	2012	4157	4118	8275
TEMPO	2024	4216	4228	8444
BEACON	2027	4337	4952	9289
BRAVO	2039	3717	4071	7788
PXBC-2	2044	3648	4441	8089
PXBC-4	2045	3479	3761	7240
MEAN		3939	4350	8290
CV (%)		12.6	9.6	10.5

ORCHARDGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

Hallmark Kay Rancho Rapido Sumas Juno Napier

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
3070	SF 8501	St. Foy	No support 89, re-examine '90	15
3071	Pacific	Oseco	No support 89, re-examine '90	9
3072	DS 7	Parsons	No support 89, re-examine '90	9
3073	OSG 13	U. of Guelph		9
3074	OSG 16	U. of Guelph		9
3075	Syn 8501	UCO		4
3076	Mobite	Parsons		4
3077	Justus	Richardson		4
3078	PXOD 01	Ottawa		4
3080	PXOE 01	Ottawa		0
3081	OKAY	Pickseed		0

Station Summaries

1986 Thunder Bay Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	3536	2870	6406
HALLMARK	3027	2396	2838	5234
JUNO	3001	2578	2475	5053
NAPIER	3009	2829	2599	5428
INA	3024	2669	3244	5913
SUMAS	3046	3080	2799	5879
84-117	3065	2487	2816	5303
84-118	3067	2624	2753	5377
14-78-3	3068	2852	3105	5957
RANCHO	3069	2738	2967	5705
SF8501	3070	3628	2805	6433
MEAN		2856	2843	5699
CV (%)		11.0	12.8	7.1

1987 Elora Orchardgrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	7554	3997	11551
HALLMARK	3027	7589	4372	11961
JUNO	3001	7196	3907	11103
NAPIER	3009	6894	4043	10937
SUMAS	3046	6886	3973	10859
RANCHO	3069	6679	4297	10976
SF8501	3070	6798	3669	10467
PACIFIC	3071	6656	3991	10647
DS-7	3072	7026	3951	10977
OSG-13	3073	7255	4197	11452
OSG-16	3074	7505	3786	11291
MEAN		7094	4017	11111
CV (%)		9.6	7.5	7.6

1987 Ottawa Orchardgrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	3036	2253	5289
HALLMARK	3027	2618	3460	6078
JUNO	3001	3266	3299	6565
NAPIER	3009	2822	2985	5807
SUMAS	3046	3401	2472	5873
RANCHO	3069	2822	2985	5807
SF8501	3070	2854	2355	5209
PACIFIC	3071	2832	2363	5195
DS-7	3072	2866	2877	5743
OSG-13	3073	2886	2966	5852
OSG-16	3074	2328	2115	4443
MEAN		2885	2739	5624
CV (%)		11.2	20.7	12.9

1987 New Liskeard Orchardgrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	4854	1904	6758
HALLMARK	3027	3930	1880	5810
JUNO	3001	4613	1742	6355
NAPIER	3009	4577	1963	6540
SUMAS	3046	4489	2118	6607
RANCHO	3069	4624	2162	6786
SF8501	3070	4501	1858	6359
PACIFIC	3071	4166	1763	5929
DS-7	3072	4305	1959	6264
OSG-13	3073	4566	1962	6528
OSG-16	3074	4736	1859	6595
MEAN		4487	1925	6412
CV (%)		6.1	8.9	5.8

1987 Kapuskasing Orchardgrass
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	3736	3422	7158
HALLMARK	3027	2977	3591	6568
JUNO	3001	3616	3653	7269
NAPIER	3009	3127	3625	6752
SUMAS	3046	3585	3591	7176
RANCHO	3069	3293	3666	6959
SF8501	3070	2970	3405	6375
PACIFIC	3071	3186	3431	6617
DS-7	3072	3230	3860	7090
OSG-13	3073	3321	3505	6826
OSG-16	3074	3773	3663	7436
MEAN		3347	3583	6930
CV (%)		6.1	6.2	6.1

1987 Kapuskasing Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	2691	855	3546
HALLMARK	3027	2179	1346	3525
JUNO	3001	2408	890	3298
NAPIER	3009	1762	716	2478
SUMAS	3046	2338	875	3213
RANCHO	3069	2072	861	2933
SF8501	3070	2008	1026	3034
PACIFIC	3071	2116	1050	3166
DS-7	3072	2442	768	3210
OSG-13	3073	3115	1691	4806
OSG-16	3074	2751	1374	4125
MEAN		2353	1041	3394
CV (%)		11.8	14.8	10.9

1988 Ridgetown Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
KAY	3003	5996	3159	3313	12468
HALLMARK	3027	5566	3726	3864	13156
JUNO	3001	5043	3411	3501	11955
NAPIER	3009	5743	3525	3591	12859
SUMAS	3046	6539	3448	3440	13427
RANCHO	3069	5867	3575	3854	13296
SF8501	3070	5758	3481	3296	12535
PACIFIC	3071	5133	3740	4153	13026
DS-7	3072	5812	3485	3435	12732
OSG-13	3073	5627	3858	3270	12755
OSG-16	3074	6305	3488	3233	13026
SYN8501	3075	5645	3944	4252	13841
MOBITE	3076	6276	3961	3323	13560
JUSTUS	3077	5682	3864	4084	13630
PXOD-01	3078	6589	3265	3359	13213
MEAN		5839	3595	3598	13032
CV (%)		7.0	12.1	8.8	6.0

1988 Ottawa Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	3785	1840	5625
HALLMARK	3027	3049	2322	5371
JUNO	3001	3185	1792	4977
NAPIER	3009	3327	2133	5460
SUMAS	3046	3232	2018	5250
RANCHO	3069	3069	1807	4876
SF8501	3070	3329	1774	5103
PACIFIC	3071	2967	1916	4883
DS-7	3072	3290	1829	5119
OSG-13	3073	3507	1879	5386
OSG-16	3074	3667	1596	5263
SYN8501	3075	3157	1801	4958
MOBITE	3076	3159	2421	5580
JUSTUS	3077	2836	2002	4838
PXOD-01	3078	3272	1899	5171
MEAN		3255	1935	5191
CV (%)		13.0	16.0	11.6

1988 Kapuskasing Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	3623	3775	7398
HALLMARK	3027	3386	3539	6925
JUNO	3001	3576	3511	7087
NAPIER	3009	3441	3511	6952
SUMAS	3046	3841	3486	7327
RANCHO	3069	3633	3444	7077
SF8501	3070	3635	3381	7016
PACIFIC	3071	3448	3333	6781
DS-7	3072	3549	2452	6001
OSG-13	3073	3808	3377	7185
OSG-16	3074	3946	3421	7367
SYN8501	3075	3624	3771	7395
MOBITE	3076	3739	3867	7606
JUSTUS	3077	3493	3634	7127
PXOD-01	3078	3603	3595	7198
MEAN		3623	3473	7096
CV (%)		8.2	6.7	5.5

1988 New Liskeard Orchardgrass
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
KAY	3003	6024	1206	7230
HALLMARK	3027	3904	1314	5218
JUNO	3001	5059	1285	6344
NAPIER	3009	5020	1824	6844
SUMAS	3046	5003	1343	6346
RANCHO	3069	4914	1681	6595
SF8501	3070	7083	1471	8554
PACIFIC	3071	4360	1147	5507
DS-7	3072	5343	1770	7113
OSG-13	3073	5385	1117	6502
OSG-16	3074	6441	1923	8364
SYN8501	3075	3381	1429	4810
MOBITE	3076	5514	1420	6934
JUSTUS	3077	4064	1738	5802
PXOD-01	3078	6699	1834	8533
MEAN		5213	1500	6713
CV (%)		8.5	38.3	11.7

TALL FESCUE VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

NONE

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
5516	Syn W	Coop	Support for reg., defer (1)	6
5517	Stef	Oseco	Support for reg., defer (1)	6
5519	Festorina	Oseco	Support for reg., defer (1)	6
5522	Syn A	Ottawa	Support for reg., defer (1)	6
5518	Martin	Oseco	No support 89, re-examine '90	6
5520	FA 293	Oseco	No support 89, re-examine '90	6
5521	FA 295	Parsons	No support 89, re-examine '90	6
5523	Courtenay	Parsons		0
5524	FA 8CD	Oseco		0
5525	TF-1	Richardson		0

1987 OTTAWA TALL FESCUE
1988 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	TOTAL	MEAN
SYN W	5516	3140	3383	6522	3261
STEF	5517	5639	2672	8311	4156
MARTIN	5518	4658	1934	6592	3296
FESTORINA	5519	4330	2795	7125	3563
FA 293	5520	5264	2587	7850	3925
FA 295	5521	4756	2125	6881	3441
SYN A	5522	4436	2780	7216	3608
MEAN		4603	2611	7214	
CV (%)		15.6	21.3	13.3	

1987 OTTAWA TALL FESCUE
1989 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	TOTAL
SYN W	5516	4505	1714	6219
STEF	5517	4113	1832	5945
MARTIN	5518	4800	1186	5985
FESTORINA	5519	4236	1289	5525
FA 293	5520	4169	1361	5529
FA 295	5521	3678	1172	4850
SYN A	5522	3978	2127	6105
MEAN		4211	1526	5736
CV (5%)		10.4	25.0	9.2

1987 THUNDER BAY TALL FESCUE
1988 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	TOTAL	MEAN
SYN W	5516	2871	2399	5570	2785
STEF	5517	2632	3162	5794	2899
MARTIN	5518	2557	1963	4520	2260
FESTORINA	5519	2307	2017	4324	2162
FA 293	5520	1798	1908	3707	1854
FA 295	5521	1654	1799	3453	1727
SYN A	5522	2442	3380	5822	2911
MEAN		2323	2376	4698	
CV (%)		10.5	6.9	7.4	

1987 THUNDER BAY TALL FESCUE
1989 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	TOTAL
SYN W	5516	4537	3458	7995
STEF	5517	5157	3144	8301
MARTIN	5518	4512	2906	7418
FESTORINA	5519	4512	3455	7967
FA 293	5520	4190	3236	7426
FA 295	5521	4289	3389	7678
SYN A	5522	4909	3661	8569
MEAN		4587	3321	7908
CV (5%)		8.6	8.7	7.2

1987 KAPUSKASING TALL FESCUE
1988 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	CUT 3
SYN W	5516	2345	2299	2042
STEF	5517	2672	2618	2085
MARTIN	5518	2229	2087	1987
FESTORINA	5519	2309	2415	2121
FA 293	5520	1547	1909	1985
FA 295	5521	1637	2280	2181
SYN A	5522	2224	2742	2184
MEAN		2166	2336	2085
CV (%)		9.5	7.5	6.9

VARIETY	CODE	CUT 4	TOTAL	MEAN
SYN W	5516	662	7548	1887
STEF	5517	661	8036	2009
MARTIN	5518	802	7105	1776
FESTORINA	5519	723	7578	1895
FA 293	5520	761	6222	1556
FA 295	5521	651	6749	1687
SYN A	5522	508	7658	1915
MEAN		684	7271	
CV (%)		11.2	4.1	

1987 NEW LISKEARD TALL FESCUE
1988 MEAN YIELD (kg/ha)

VARIETY	CODE	CUT 1	CUT 2	TOTAL	MEAN
SYN W	5516	4897	1663	6560	3280
STEF	5517	3737	1765	5502	2751
MARTIN	5518	4330	1548	5878	2939
FESTORINA	5519	4842	1701	6543	3272
FA 293	5520	4190	1557	5747	2874
FA 295	5521	4591	1740	6332	3166
SYN A	5522	3711	1803	5514	2757
MEAN		4328	1683	6011	
CV (%)		6.5	7.6	6.5	

TIMOTHY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended in Publication 296

Alexander	Champ	Itasca	Richmond	Toro
Argus	Climax	Mariposa	Salvo	Winmor
Basho	Glenmor	Nike	Timfor	

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
6093	81009	Pickseed	Support for reg., defer (3)	-
6097	WWT118 (Carola)	Oseco	Support for reg., defer (1)	14
6102	Syn S	UCO	Support for reg., defer (1)	9
6098	TM85-1	Pickseed	No support 89, re-examine '90	14
6099	TM85-2	Pickseed	No support 89, re-examine '90	14
6100	Lirocco	Oseco	No support 89, re-examine '90	9
6101	Hokusen	Oseco	No support 89, re-examine '90	9
6066	Mohawk	UCO	No support 89, re-examine '90	19
6103	PXTA 01	Ottawa		3
6104	PXTA 04	Ottawa		3
6105	PXTA 09	Ottawa		3
6106	Promesse	Brett-Young		0
6107	EPHP 10	Brett-Young		0
6108	EPHP 18	Brett-Young		0
6109	NY83-1	UCO		0
6110	NY83-2	UCO		0
6111	PXTE-01	Ottawa		0
6112	PXTE-02	Ottawa		0
6113	PXTE-04	Ottawa		0

ONTARIO FORAGE CROPS COMMITTEE
1987 Elora Timothy
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	9921	2654	12575
TIMFOR	6040	9430	2315	11745
MOHAWK	6066	9085	2521	11606
WWT 118	6097	9885	2370	12255
TM 85-1	6098	8638	2314	10952
TM 85-2	6099	10325	2094	12419
LIROCCO	6100	8773	2645	11418
HOKUSEN	6101	10109	2402	12511
SYN-S	6102	9728	2404	12132
MEAN		9544	2413	11957
CV (%)		6.4	10.9	5.8

ONTARIO FORAGE CROPS COMMITTEE
1987 Elora Timothy
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	6643	1337	7980
TIMFOR	6040	6050	1595	7645
MOHAWK	6066	6187	1633	7820
WWT 118	6097	6586	1158	7744
TM 85-1	6098	6043	1645	7688
TM 85-2	6099	6723	1347	8070
LIROCCO	6100	6253	1324	7577
HOKUSEN	6101	6664	1154	7818
SYN-S	6102	7089	1495	8584
MEAN		6471	1899	7925
CV (%)		10.9	16.0	11.0

1987 Ottawa Timothy
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	3569	2236	5805
TIMFOR	6040	4069	2243	6312
MOHAWK	6066	4219	2618	6837
WWT 118	6097	4297	2703	7000
TM 85-1	6098	4371	2402	6773
TM 85-2	6099	3891	2494	6385
LIROCCO	6100	3683	2635	6318
HOKUSEN	6101	3782	3078	6860
SYN-S	6102	3666	3360	7026
MEAN		3950	2641	6591
CV (%)		12.5	24.6	14.4

1987 Ottawa Timothy
1989 dry matter yield (kg/ha)

entry	code	cut1
CLIMAX	6002	4385
TIMFOR	6040	4522
MOHAWK	6066	4761
WWT 118	6097	4736
TM 85-1	6098	4128
TM 85-2	6099	4301
LIROCCO	6100	3955
HOKUSEN	6101	3868
SYN-S	6102	4195
MEAN		4317
CV (%)		12.6

1987 Kapuskasing Timothy
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	4838	2959	7797
TIMFOR	6040	4836	3392	8228
MOHAWK	6066	4959	2881	7840
WWT 118	6097	4931	2552	7483
TM 85-1	6098	5240	3575	8815
TM 85-2	6099	4431	2211	6642
LIROCCO	6100	4559	3416	7975
HOKUSEN	6101	3802	2392	6194
SYN-S	6102	5296	3150	8446
MEAN		4766	2948	7713
CV (%)		9.7	14.8	8.6

1987 Kapuskasing Timothy
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	4159	2458	6617
TIMFOR	6040	4340	2658	6998
MOHAWK	6066	3938	2756	6694
WWT 118	6097	3781	2337	6118
TM 85-1	6098	4275	2783	7058
TM 85-2	6099	4124	2090	6214
LIROCCO	6100	4084	2552	6636
HOKUSEN	6101	3418	2394	5812
SYN-S	6102	3908	2597	6505
MEAN		4003	2514	6517
CV (%)		11.4	11.1	9.1

1988 Ridgetown Timothy
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	7560	2889	10449
TIMFOR	6040	7333	3250	10583
MOHAWK	6066	6928	3387	10315
WWT 118	6097	7354	3465	10819
TM 85-1	6098	7062	3490	10552
TM 85-2	6099	7203	2907	10110
LIROCCO	6100	6679	2159	8838
HOKUSEN	6101	7065	2732	9797
SYN-S	6102	7618	3984	11602
PXTA-01	6103	5743	3689	9432
PXTA-04	6104	7658	3348	11006
PXTA-09	6105	7383	3361	10744
MEAN		7132	3222	10354
CV (%)		9.2	13.3	6.8

1988 Ottawa Timothy
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	4142	2612	6754
TIMFOR	6040	4208	2542	6750
MOHAWK	6066	3831	2844	6675
WWT 118	6097	4511	2574	7085
TM 85-1	6098	3862	2524	6386
TM 85-2	6099	4018	2906	6924
LIROCCO	6100	4114	2212	6326
HOKUSEN	6101	4037	2929	6966
SYN-S	6102	3654	2842	6496
PXTA-01	6103	4471	2192	6663
PXTA-04	6104	4081	2777	6858
PXTA-09	6105	3928	2852	6780
MEAN		4071	2651	6722
CV (%)		8.7	17.0	8.5

1988 New Liskeard Timothy
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	7792	3733	11525
TIMFOR	6040	7505	3575	11080
MOHAWK	6066	7362	3659	11021
WWT 118	6097	7154	4063	11217
TM 85-1	6098	6746	3451	10197
TM 85-2	6099	7501	3311	10812
LIROCCO	6100	6878	3479	10357
HOKUSEN	6101	7777	3530	11307
SYN-S	6102	7881	4008	11889
PXTA-01	6103	5652	3342	8994
PXTA-04	6104	7783	3777	11560
PXTA-09	6105	7221	3432	10653
MEAN		7271	3613	10884
CV (%)		5.1	14.6	6.0

1987 Kapuskasing Timothy Performance
1988 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	5490	2763	8253
TIMFOR	6040	5328	3024	8352
WINMOR	6075	4705	2498	7203
PRONTO	6037	5194	2592	7786
RICHMOND	6050	4698	3311	8009
CHAMP	6005	5084	3503	8587
MARIPOSA	6081	4816	3304	8120
SALVO	6062	4702	3081	7783
TORO	6030	4840	3373	8213
ITASCA	6026	5019	3055	8074
BASHO	6009	5161	3051	8212
ALEXANDER	6086	4594	3155	7749
MEAN		4969	3059	8028
CV (%)		9.9	7.5	6.8

1987 Kapuskasing Timothy Performance
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	4394	2370	6764
TIMFOR	6040	3812	2817	6629
WINMOR	6075	3970	2280	6250
PRONTO	6037	3868	2635	6503
RICHMOND	6050	4001	2739	6740
CHAMP	6005	4201	2754	6955
MARIPOSA	6081	4144	2830	6974
SALVO	6062	3822	2718	6540
TORO	6030	3966	3093	7059
ITASCA	6026	4439	2255	6694
BASHO	6009	4580	2710	7290
ALEXANDER	6086	4102	2876	6978
MEAN		4108	2673	6781
CV (%)		9.0	7.0	6.6

1988 Ottawa Timothy Performance
1989 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
CLIMAX	6002	3608	2940	6548
TIMFOR	6040	3746	2981	6727
ALEXANDER	6086	3655	2720	6375
BASHO	6009	3640	2604	6244
CHAMP	6005	3638	2152	5790
ITASCA	6026	3994	2294	6288
MARIPOSA	6081	4007	2202	6209
RICHMOND	6050	4076	3010	7086
SALVO	6062	3669	1946	5615
TORO	6030	3376	1843	5219
WINMOR	6075	3896	2672	6568
K215	6074	3513	2803	6316
MEAN		3735	2514	6249
CV (%)		12.0	17.5	10.3

REED CANARY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended Varieties

Palaton Vantage Venture

Varieties Under Test

NONE

MEADOW FOXTAIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1990

Recommended in Publication 296

Mountain Dan

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years of Data</u>
5504	G4549	OFCC	Supported for reg., defer (4)	-
5507	G4554	OFCC	Supported for reg., defer (4)	-
5508	G4550	OFCC	Supported for reg., defer (3)	-