

*Bowley
(corrected)*

ONTARIO FORAGE CROP INVESTIGATIONS



1992 REPORT ON FIELD TRIALS OF VARIETIES AND MIXTURES

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

1992 REPORT ON FORAGE CROPS TRIALS

ONTARIO FORAGE CROP COMMITTEE

Compiled by: Harvey Wright

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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 1992 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Not For Publication: This is a progress report of co-operative investigations containing data, the interpretation of which may be modified with additional experimentation.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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ALFALFA VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Varieties Recommended for Ontario in Publication 296

Admiral	Crown II	Legend	630
Advance	Crusader	Legend 2	Resistar
Algonquin	120	Magnum	Saranac
Alouette	DK 122	Magnum Plus	Shield
Ambassador	DK 125	88	Spectrum
Anchor	DK 135	Mohawk	Starmaster
Angus	Eagle	Multiplier	Sure
Apica	Echo	Noble	Surpass
Apollo II	Edge	OAC Minto	Thunder
Apollo Supreme	Encore	Olinda	Tomahawk
Armor	Excalibur	Oneida VR	Turbo
Arrow	Glory	Pickseed 8920 MF	Ultra
Award	G2833	Pinnacle	Verta +
Centurion	G2841	526	WAMPR
Champion	G2852	5262	WL 222
Chief	Horizon	5311	WL 316
Class	Impact	532	
Comsel	Incentive	5364	
Crown	Iroquois	5432	

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
9071	Clipper	Oseco	Support for reg., defer (1)	15
9054	LSC 537	Landis	Deferral Expired	-
9090	Ott 84-3	Ottawa	Deferral Expired	-
1104	LSC725 (Magnam III)	Seed Link	Reg. not recommended (under appeal)	-
1105	LSC726	Seed Link	Support for reg., defer (3)	-
1106	LSC728	Seed Link	Support for reg., defer (3)	-
1111	S88	Parsons	Support for reg., defer (3)	-
1119	B852	Pickseed	Support for reg., defer (1)	9
1127	627	Nemec	Support for reg., defer (1)	7
1129	635(2980)	Nemec	Support for reg., defer (2)	8
1130	655(Asset)	Nemec	Support for reg., defer (2)	7
1137	NK87745	N.K.	Dropped at company request	9
1141	LSC 845	Landis	Support for reg., defer (2)	8
1142	LSC 846	Landis	Support for reg., defer (2)	7

1989 Entries

1150	VS 806	Nemec	No support 92, testing completed	17
1151	VS 872	Nemec	No support 92, testing completed	17
1152	VS 775	Nemec	No support 92, testing completed	17
1154	Mirna	Nemec	No support 92, testing completed	17
1155	Cargill 420	Cargill	No support 92, testing completed	15
1156	87758	N.K.	No support 92, testing completed	24
1157	AP8820	Parsons	No support 92, testing completed	18
1158	A8820	Coop	No support 92, testing completed	13
1159	G636	Coop	No support 92, testing completed	17
1160	Medallion	Pickseed	No support 92, testing completed	20
1161	AP8735	Pickseed	No support 92, testing completed	17
1162	PS8915	Pickseed	No support 92, testing completed	24
1164	WL 317	Speare	No support 92, testing completed	17
1165	Promise	Speare	No support 92, testing completed	14
1166	86-141	Speare	No support 92, testing completed	17
1167	85-140	Speare	No support 92, testing completed	17
1168	AP8743	Oseco	No support 92, testing completed	13
1169	AP 8830	Oseco	No support 92, testing completed	14
1170	Terminator	Oseco	No support 92, testing completed	17
1171	AGI-72	Norcan	No support 92, testing completed	13
1172	AP 8831	King Agro	No support 92, testing completed	13
1173	Allegiance	King Agro	No support 92, testing completed	14
1174	Break Thru	King Agro	No support 92, testing completed	13
1175	85-141	King Agro	No support 92, testing completed	15
1176	XAL 72 (5472)	Pioneer	Support for reg., defer (1)	29
1177	XAL 73 (5373)	Pioneer	Support for reg., defer (2)	32
1178	85CR252	Pioneer	Support for reg., defer (2)	12
1179	85CR262	Pioneer	Support for reg., defer (2)	10
1180	86PR221	Pioneer	No support 92, testing completed	28

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
1181	AP8821	Brett-Young	No support 92, testing completed	14
1182	LSC 901	Landis	Support for reg., defer (1)	13
1183	LSC 903	Landis	No support 92, testing completed	17
1184	LSC 928	Landis	No support 92, testing completed	13
1186	NY86I08 (Majestic)	Szego	Support for Reg., defer (1)	12
1187	NY86I11	Szego	No support 92, testing completed	12

1990 Entries

1189	XAM84 (5333)	Pioneer	No support 92, re-examine 93	16
1190	YAM91	Pioneer	Support for reg., defer (1)	11
1191	YAE92	Pioneer	Support for reg., defer (1)	20
1192	86-20	Speare	Support for reg., defer (1)	10
1193	87777	N.K.	No support 92, re-examine 93	17
1194	88778	N.K.	No support 92, re-examine 93	13
1197	VS 800	Vista Canada	No support 92, re-examine 93	18
1198	VS 805 (Alfaleaf)	Vista Canada	Support for reg., defer 1	14
1199	VS 834 (Zenith)	Vista Canada	Support for reg., defer 1	10
1200	WL87-122	King Agro	No support 92, re-examine 93	10
1201	WL88-6	King Agro	No support 92, re-examine 93	14
1202	DS9012	King Agro	No support 92, re-examine 93	10
1203	DS9013	King Agro	No support 92, re-examine 93	14
1204	A 8923	Coop	No support 92, re-examine 93	7
1205	A 8925	Coop	Support for reg., defer (1)	10
1206	MBS-2821	Coop	No support 92, re-examine 93	14
1207	MBS-6041	Coop	No support 92, re-examine 93	10
1208	NY 8832 (Eclipse)	Pickseed	No support 92, re-examine 93	17
1209	AP 8832	Pickseed	Support for reg., defer (1)	14
1210	90-1	Pickseed	No support 92, re-examine 93	18
1212	Trident II	Cargill	No support 92, re-examine 93	14
1213	LSC 9010	Seed Link	No support 92, re-examine 93	14
1214	LSC 9011	Seed Link	No support 92, re-examine 93	14
1215	8623 B	Thompson	No support 92, re-examine 93	10
1216	86-15	Thompson	No support 92, re-examine 93	14
1217	8737N	Rothwell	No support 92, re-examine 93	16
1218	AP 8842	Oseco	No support 92, re-examine 93	10
1219	WL 86-14	Oseco	No support 92, re-examine 93	10
1220	86-124	Brett-Young	No support 92, re-examine 93	17
1221	85-5	Brett-Young	No support 92, re-examine 93	10
1222	8638C	Heritage	No support 92, re-examine 93	16
1223	8713A	Heritage	No support 92, re-examine 93	12
1225	Webfoot	J. McInerney	No support 92, re-examine 93	11
1226	P1859	Brett-Young	No support 92, re-examine 93	14
1227	B2186	Brett-Young	No support 92, re-examine 93	10

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
<u>1991 Entries</u>				
1228	PS 90-3	Pickseed		3
1229	PS 90-4	Pickseed		4
1230	PS 90-5	Pickseed		3
1231	AP 9031	Pickseed		3
1232	NY 8829	Pickseed		3
	(Gaurdsman)			
1233	PS 90-6	Pickseed		0
1234	AP 9016	Oseco		4
1235	ABI 9015	Oseco		4
1236	A 9004	UCO		4
1237	VS 904	Nemec		3
1238	VS 907	Nemec		3
1239	VS 920	Nemec		4
1240	VS 932	Nemec		4
1241	VS 943	Nemec		4
1242	86-136	Thompson		4
1243	MS-90	McInerney		0
	(Web MPR)			
1244	GH 777	First Line		3
1245	UN 72	Dawson		3
1246	UN 74	Dawson		3
1247	89-126	Speare		4
1248	87-135	Speare		3
1249	90791	Northrup King		6
1250	90792	Northrup King		7
1251	NK 91-1	Northrup King		6
1252	NK 91-2	Northrup King		6
1253	89-31	King Agro		4
1254	89-30	King Agro		4
1255	GG92/PHS9	Norcan		4
1256	GARST 645	Garst		3
1258	XAM 93 (5252)	Pioneer		9
1259	YAL 07	Pioneer		6
1260	YAE 05 (5151)	Pioneer		0
1261	83CF042	Pioneer		0
1262	AS-D	UCO		3
1263	AS-G	UCO		4
1264	90788	Northrup King		0
1265	SL9117	Seed Link		4
1266	SL9118	Seed Link		4
1267	Beaver	OFCC (Check)		0
1268	Spreader II	OFCC (Check)		0

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
<u>1992 Entries</u>				
1269	90-135	Speare		0
1270	T9139	Thompson		0
1271	A8911	UCO		0
1272	A9008	UCO		0
1273	A9102	UCO		0
1274	VS 9012	Nemec		0
1275	VS 9034	Nemec		0
1276	VS 9036	Nemec		0
1277	VS 9050	Nemec		0
1278	91211	NK		0
1279	91315	NK		0
1280	91800	NK		0
1281	8814	Szego		0
1282	8830	Szego		0
1283	Dominator	Oseco		0
1284	ABI 9138C	Oseco		0
1285	2J01	Bison		0
1286	2J02	Bison		0
1287	4J19	Bison		0
1288	C-3110	Coop Federee		0
1289	SL 9206	Seed Link		0
1290	SL 9207	Seed Link		0
1291	92-20	Pickseed		0
1292	Alfagraze	Pickseed		0
1293	Cimarron VR	Brett-Young		0
1294	ABI 9129C	Brett-Young		0
1295	Crystal	Heritage		0
1296	Exp9047	Heritage		0
1297	XAL 06	Pioneer		0
1298	YAE 11	Pioneer		0

Alfalfa registration trial A, seeded 1989,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1117 XAF 62	3691	4697	8387
9002 120	3290	4952	8242
1185 LSC 630	3393	4619	8012
1177 XAM 73	3364	4594	7958
1145 ENVY	3392	4505	7897
1133 RESISTAR	3196	4690	7886
1141 LSC 845	3420	4414	7834
1125 AP 8624	3420	4413	7833
1157 AP 8820	3118	4697	7816
1165 PROMISE	3261	4554	7815
1161 AP 8735	3349	4427	7776
1137 NK 87745	3161	4613	7774
1153 VS 888	3056	4688	7744
1169 AP 8830	3201	4477	7677
1001 SARANAC	3132	4505	7637
1173 ALLEGIANCE	3278	4285	7563
1181 AP 8821	3335	4220	7555
1121 C 87	3057	4324	7381
1039 EXCALIBUR	2870	4387	7258
1129 635	2724	4453	7177
1149 OAC 81-122R	2823	4349	7172
HARV MEANS	3216	4517	7733
LSD (5%)	161.8	123.1	189.6
C.V. %	7.6	4.1	3.7

Alfalfa registration trial B, seeded 1989,
harvested 1992, Thunder Bay

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1001 SARANAC	4344	3190	7534
1039 EXCALIBUR	4053	2749	6803
1118 SITEL	3486	2749	6235
1122 C89	4585	3034	7620
1126 DK-122	4719	3423	8143
1130 ASSET	4183	2983	7166
1134 NK 87749	4156	3164	7320
1138 LEGEND	4129	3060	7190
1142 LSC 846	4666	3346	8011
1146 AP8620	4290	2853	7143
1150 LEGACY	4317	2905	7222
1154 MIRNA	3808	2671	6479
1158 A 8820	3942	2905	6846
1162 PS 8915	4103	2645	6748
1166 86-141	4398	3268	7665
1170 TERMINATOR	4263	3060	7324
1174 BREAK THRU	4532	3449	7981
1178 85 CR 252	4183	3475	7658
1182 DS 901	4532	3294	7825
1186 MAJESTIC	4585	3346	7931
9002 120	3781	2801	6582
HARV MEANS	4241	3065	7306
CV %	6.2	10.5	6.7
LSD (5%)	312.0	379.8	579.4

Alfalfa registration trial C, seeded 1989,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1179 85CR 262	4301	5869	10170
1163 PS 8920	3816	5814	9630
9002 120	3830	5793	9623
1159 G 636	3908	5588	9496
1127 627	3817	5669	9486
1171 AGI-72	3631	5810	9441
1123 C 95	4352	5045	9397
1119 B 852	3713	5675	9388
1131 545	3542	5669	9211
1183 LSC 903	3898	5290	9187
1001 SARANAC	3807	5366	9173
1187 NY 86111	3768	5372	9140
1155 CARGILL 420	3593	5453	9045
1039 EXCALIBUR	3301	5616	8916
1143 LSC 847	3491	5386	8877
1151 VS 872	3441	5433	8874
1175 85-141	3550	5322	8872
1135 NK 87754	3517	5233	8750
1147 ISI567	3347	5262	8609
1139 MS 96	3148	5355	8503
1167 85-140	3319	5173	8492
HARV MEANS	3671	5485	9156
LSD (5%)	316.7	160.8	385.5
C.V. %	13.1	4.4	5.9

Alfalfa registration trial D, seeded 1989,
harvested 1992, Thunder Bay

MEAN YIELD (kg/ha)				
CULTIVAR	Cut 1	Cut 2	Total	
1001 SARANAC	4291	3029	7321	
1039 EXCALIBUR	3994	2745	6739	
1120 B853	4327	3049	7376	
1124 AP8632	4372	3133	7505	
1128 G-2833	4696	3107	7803	
1132 PREMIER	5101	3547	8648	
1136 NK 87756	4804	3314	8118	
1140 VECTOR	4669	3496	8165	
1144 C268	5128	3392	8520	
1148 870S	4399	2952	7351	
1152 VS 775	4264	2822	7087	
1156 MULTIKING 1	4615	3418	8033	
1160 MEDALLION	4156	3055	7212	
1164 WL 317	4534	2900	7434	
1168 AGGRESSOR	5074	3211	8285	
1172 AP 8831	4318	2926	7244	
1176 5472	5128	3832	8960	
1180 86 PR 221	4129	3004	7133	
1184 DS 928	4885	3366	8251	
1188 MULTI-PLIER	4534	3004	7538	
9002 120	4021	2589	6611	
HARV MEANS	4545	3138	7683	
CV %	8.0	9.1	7.1	
LSD (5%)	428.7	337.2	643.4	

Alfalfa registration trial A, seeded 1990,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	4207	3595	3910	11712
1039 EXCALIBUR	4403	3735	4349	12488
1150 LEGACY	4736	4253	4426	13415
1151 BLAZER XL	4670	3962	4404	13037
1152 VS 775	5191	4058	4073	13322
1154 MIRNA	3076	3419	3371	9867
1156 MULTIKING 1	4271	3642	4228	12140
1157 AP 8820	4621	4133	4440	13193
1159 GARST 636	4989	3791	4265	13045
1160 MEDALLION	5214	3846	4040	13100
1162 PS 8915	4680	4091	4370	13141
1164 WL 317	5280	3674	3980	12935
1166 86-141	4903	3837	4176	12916
1167 QUEST	5352	3688	4017	13057
1170 TERMINATOR	4582	3792	4061	12435
1176 5472	4664	3878	4040	12582
1177 5373	5075	3667	4115	12856
1180 86 PR 221	4825	3914	4129	12867
1183 DS 903	4854	3858	4101	12814
1185 DS 630	5470	3850	4269	13589
9002 120	4748	3646	4400	12794
9004 IROQUOIS	3697	3406	3715	10818
9065 G-2841	4944	4031	4347	13322
9071 CLIPPER	5068	4120	4367	13555
9072 IMPACT	4704	3873	4125	12701
HARV MEANS	4729	3830	4149	12708
CV %	8.9	8.4	4.1	5.0
LSD (5%)	498.3	380.6	202.2	746.0

Alfalfa registration trial A, seeded 1990,
harvested 1992, Elora

CULTIVAR	MEAN YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	4783	3985	2112	10881
1039 EXCALIBUR	4538	3905	1913	10356
1150 LEGACY	4075	3476	1617	9169
1151 BLAZER XL	4787	3480	1869	10136
1152 VS 775	4181	3712	1834	9728
1154 MIRNA	4708	4485	2129	11322
1156 MULTIKING 1	4996	3514	2045	10555
1157 AP 8820	4330	3538	1763	9631
1159 GARST 636	4386	3652	1977	10015
1160 MEDALLION	4696	3565	1985	10246
1162 PS 8915	4416	3574	1879	9869
1164 WL 317	4693	3298	1780	9772
1166 GOURMET HAY	4213	3848	2063	10123
1167 QUEST	4787	3412	1914	10112
1170 TERMINATOR	4573	3833	1913	10319
1176 5472	5141	4267	2297	11705
1177 5373	4863	3669	1992	10524
1180 86 PR 221	4200	3520	1809	9529
1183 DS 903	4406	3950	2335	10691
1185 630	5211	4203	2699	12112
9002 120	4825	3584	1708	10118
9004 IROQUOIS	4831	3689	2014	10534
9065 G-2841	4255	3275	1684	9214
9071 CLIPPER	4664	3760	1811	10235
9072 IMPACT	4988	3597	1893	10478
HARV MEANS	4622	3712	1961	10295
CV %	9.5	10.5	9.8	6.2
LSD (5%)	517.5	460.2	226.4	751.8

Alfalfa registration trial A, seeded 1990,
harvested 1992 ,Ottawa

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1039 EXCALIBUR	5511	4750	3707	13968
9002 120	5654	4992	3430	14076
1001 SARANAC	5289	4619	3567	13475
9004 IROQUOIS	5320	4273	3292	12885
1150 VS 806	5338	4779	3567	13685
1151 VS 872	5692	5198	3510	14400
1152 VS 775	5369	5591	3406	14367
1154 MIRNA	6033	4646	2861	13539
1156 87758	4935	4613	3338	12886
1157 AP 8820	5469	4706	3406	13581
1159 G 636	5419	4713	3435	13567
1160 MEDALLION	5140	4699	2803	12642
1162 PS 8915	4818	4699	3125	12642
1164 WL 317	5258	4772	3355	13385
1166 86-141	5252	4686	3050	12988
1167 85-140	4551	4486	3297	12334
1170 TERMINATOR	5183	4872	3493	13548
1176 XAL 72	5171	4626	3027	12824
1177 XAM 73	5165	4719	3332	13215
1180 86 PR 221	4625	4553	3022	12200
1183 LSC 903	5028	4273	3004	12306
1185 LSC 630	5264	4566	3383	13213
9065 G2841	5289	5078	3349	13716
9071 CLIPPER	5289	4620	3476	13384
9072 IMPACT	5444	4906	3016	13366
HARV MEANS	5260	4737	3290	13287
CV %	9.4	6.8	10.9	5.8
LSD (5%)	704.2	459.6	512.9	1102.7

Alfalfa registration trial A, seeded 1990,
harvested 1992, Thunder Bay

CULTIVAR	MEAN YIELD (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	4724	3715	8438
1039 EXCALIBUR	4908	3831	8739
1150 LEGACY	5000	3599	8599
1151 BLAZER XL	4839	4063	8902
1152 VS 775	4493	3993	8487
1154 MIRNA	4793	4016	8809
1156 MULTIKING 1	4493	3645	8138
1157 AP 8820	5093	3622	8714
1159 GARST 636	4609	3900	8509
1160 MEDALLION	4793	3761	8554
1162 PS 8915	5162	3947	9108
1164 WL 317	4724	3668	8392
1166 86-141	4862	3599	8461
1167 QUEST	4885	4109	8994
1170 TERMINATOR	5507	4040	9547
1176 5472	4470	3970	8440
1177 5373	5162	3877	9039
1180 86 PR 221	5046	4016	9063
1183 DS 903	5116	3877	8993
1185 DS 630	4885	4295	9180
9002 120	5507	3738	9245
9004 IROQUOIS	4701	3575	8276
9065 G-2841	5673	4016	9689
9071 CLIPPER	4632	3807	8439
9072 IMPACT	5162	3506	8667
HARV MEANS	4930	3847	8777
CV %	11.4	8.4	7.2
LSD (5%)	661.2	383.2	745.2

Alfalfa registration trial A, seeded 1990,
harvested 1992, Kapuskasing

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1160 MEDALLION	3311	2661	5972
1176 XAL 72	3032	2906	5938
1159 GARST 636	2896	2889	5785
9071 CLIPPER	2935	2700	5635
1001 SARANAC	2613	2839	5452
9065 G 2841	3011	2422	5433
1151 VS 872	2818	2469	5287
9004 IROQUOIS	2524	2734	5258
1162 PS 8915	2943	2294	5237
1170 TERMINATOR	2548	2571	5119
1180 86 PR 221	2872	2234	5106
1152 VS 775	2987	2087	5074
1164 WL 317	2754	2280	5034
1167 85-140	2663	2365	5028
1039 EXCALIBUR	2424	2592	5016
1157 AP 8820	2783	2164	4947
1156 87758	2977	1911	4888
1177 XAM 73	2784	2089	4873
9072 IMPACT	2906	1962	4868
1154 MIRNA	2743	2107	4850
1166 86-141	2788	2021	4809
1150 VS 806	2472	2191	4663
1183 LSC 903	2645	2004	4649
1185 LSC 630	2506	1988	4494
9002 120	2401	1737	4138
HARV MEANS	2773	2329	5102
CV %	10.5	13.6	8.7
LSD (5%)	476	520	725

Alfalfa registration trial A, seeded 1990,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1150 VS 806	4735	5400	10135
9002 120	4806	5307	10113
1039 EXCALIBUR	4730	5232	9961
1157 AP 8820	4637	5177	9814
1180 86 PR 221	4585	5228	9813
1162 PS 8915	4365	5442	9807
9065 G 2841	4483	5282	9765
1001 SARANAC	4751	4888	9639
1185 LSC 630	4900	4716	9616
9071 CLIPPER	4631	4896	9527
1176 XAL 72	4441	5049	9490
9004 IROQUOIS	4730	4758	9487
1177 XAM 73	4385	5075	9460
1159 G 636	4542	4876	9418
1156 87758	4421	4980	9401
1151 VS 872	4252	5064	9316
1164 WL 317	4475	4766	9241
1160 MEDALLION	4267	4963	9230
9072 IMPACT	4292	4892	9184
1167 85-140	4456	4720	9176
1183 LSC 903	4380	4775	9155
1166 86-141	4290	4725	9015
1152 VS 775	4115	4767	8882
1154 MIRNA	4021	4822	8843
1170 TERMINATOR	3922	4887	8809
HARV MEANS	4465	4987	9452
LSD (5%)	N/S	146.7	370.9
C.V. %	12.49	4.95	6.60

Alfalfa registration trial B, seeded 1990,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	6441	4203	4436	15080
1039 EXCALIBUR	6851	4054	4949	15854
1153 VS 888	6853	4538	4938	16329
1155 CARGILL 420	7073	4016	4931	16020
1158 A 8820	6878	4324	5072	16274
1161 AP 8735	6227	3850	4732	14809
1163 PICK..8920MF	7473	4259	4778	16510
1165 PROMISE	7125	3733	4784	15642
1168 AGGRESSOR	7234	4204	4758	16196
1169 AP 8830	6401	3769	4917	15087
1171 AGI-72	7462	4244	4887	16592
1172 AP 8831	6531	3876	4901	15309
1173 ALLEGIANCE	7316	3919	4573	15808
1174 BREAK THRU	6227	3764	4581	14573
1175 EMPRESS	7357	4227	4614	16198
1181 AP 8821	6955	3989	4896	15840
1182 DS 901	6828	3964	4818	15610
1184 DS 928	6588	4070	4610	15269
1186 MAJESTIC	7337	4451	4701	16488
1187 NY86I11	6241	3810	4589	14640
1188 MULTI-PLIER	7204	4421	4821	16445
9002 120	6955	3794	4764	15514
HARV MEANS	6889	4067	4775	15731
CV %	11.4	13.2	4.0	7.8
LSD (5%)	931.8	635.0	225.0	1458.2

Alfalfa registration trial B, seeded 1990,
harvested 1992, Ottawa

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1039 EXCALIBUR	5578	4294	3476	13348
9002 120	5601	4026	3349	12976
1001 SARANAC	5448	4086	3188	12723
1153 VS 888	5429	4100	3550	13079
1155 CARGILL 420	5544	4358	3091	12993
1158 A 8820	5429	4376	3533	13338
1161 AP 8735	5205	4106	3338	12649
1163 PS 8920	5717	4312	3182	13211
1165 PROMISE	5185	3930	3102	12217
1168 AP 8743	5517	4083	3332	12931
1169 AP 8830	5598	4059	3366	13024
1171 AGI 72	5138	4464	3056	12657
1172 AP 8831	5077	4141	3113	12331
1173 ALLEGIANCE	4792	3649	2941	11382
1174 BREAK THRU	4982	4165	2953	12099
1175 85-141	5463	3813	3027	12303
1181 AP8821	5022	3913	3228	12163
1182 LSC 901	5456	4077	3091	12623
1184 LSC 928	5117	4159	3096	12372
9001 ALGONQUIN	4724	3731	3022	11477
9001 ALGONQUIN	5280	3995	3131	12406
1188 VS-622	6235	4640	3171	14046
HARV MEANS	5342	4112	3197	12652
CV %	7.8	7.5	8.8	4.1
LSD (5%)	602.6	441.1	402.7	744.7

Alfalfa registration trial B, seeded 1990,
harvested 1992, Thunder Bay

		MEAN YIELD (kg/ha)		
CULTIVAR		Cut 1	Cut 2	Total
1001	SARANAC	5066	2713	7779
1039	EXCALIBUR	5302	3036	8338
1153	VS 888	5407	3036	8443
1155	CARGILL 420	5013	2887	7900
1158	A 8820	5092	3036	8128
1161	AP 8735	5670	3285	8955
1163	PICK..8920MF	5302	2986	8289
1165	PROMISE	5801	3235	9036
1168	AGGRESSOR	5670	3111	8781
1169	AP 8830	5407	2887	8294
1171	AGI-72	5565	3061	8626
1172	AP 8831	5591	3036	8627
1173	ALLEGIANCE	5880	3235	9115
1174	BREAK THRU	5407	3036	8443
1175	EMPRESS	5100	2972	8072
1181	AP 8821	5696	2986	8682
1182	DS 901	5040	3111	8151
1184	DS 928	5407	3111	8518
1186	MAJESTIC	5565	2887	8452
1187	NY86I11	5670	2862	8532
1188	MULTI-PLIER	4856	2812	7668
9002	120	4777	2663	7440
HARV MEANS		5377	2999	8376
CV %		6.0	7.2	5.0
LSD (5%)		382.4	253.4	498.1

Alfalfa registration trial B, seeded 1990,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1188 VS-622	4313	5268	9581
1039 EXCALIBUR	4375	5196	9571
1001 SARANAC	4418	5052	9470
9002 120	4051	5385	9437
1187 NY 86I11	4351	5026	9377
1174 BREAK-THR	4400	4969	9369
1172 AP 8831	4225	5107	9332
1163 PS 8920	4047	5258	9304
1186 NY 86I08	4311	4974	9285
1153 VS 888	4136	5066	9202
1171 AGI-72	4041	5090	9131
1161 AP 8735	4095	4988	9083
1155 CARGILL 420	3986	5045	9031
1181 AP 8821	4114	4905	9019
1169 AP 8830	3965	4981	8945
1158 A 8820	3933	5004	8937
1165 PROMISE	3986	4887	8873
1173 ALLEGIANC	4219	4567	8786
1182 LSC 901	3886	4858	8745
1184 LSC 928	3885	4729	8614
1168 AP 8743	3716	4848	8564
1175 85-141	3621	4692	8312
HARV MEANS	4094	4995	9089
LSD (5%)	198.4	131.8	258.1
C.V. %	7.6	4.1	4.4

Alfalfa registration trial C, seeded 1990,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	3718	3370	3904	10991
1074 ARROW	4629	3440	4489	12558
1191 YAE92	5656	3523	4354	13533
1193 87777	4528	3396	4426	12350
1196 90ML4-NK	4792	3863	4511	13167
1197 VS 800	4308	3854	4856	13018
1201 WL 322 HQ	3793	3266	4093	11151
1203 DS 9013	4698	3574	4533	12805
1204 A8923	5183	3723	4275	13181
1206 MBS-2821	5134	3565	4424	13123
1210 90-1	4169	3417	4508	12094
1211 90-2	4265	3862	4664	12790
1212 TRIDENT II	4504	3679	4413	12596
1213 DS 9010	4889	3421	4380	12690
1214 DS 9011	5042	3790	4496	13328
1216 86-15	4754	3339	4350	12444
1217 8737N	4467	3653	4547	12667
1220 THRIVE	5444	3424	4438	13307
1222 8638C	4185	3415	4584	12184
1225 WEBFOOT	5211	3704	4500	13415
1226 P1859	4673	3360	4330	12363
9002 120	4881	3572	4545	12998
Harv means	4712	3549	4437	12698
CV %	12.0	6.4	5.9	6.2
LSD (5%)	776.5	311.6	358.2	1080.4

Alfalfa registration trial C, seeded 1990,
harvested 1992, Elora

CULTIVAR	MEAN YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5100	3990	1801	10891
1074 ARROW	5782	4216	1857	11856
1191 5246	6174	4409	1985	12568
1193 87777	4962	3664	1807	10433
1196 90ML4-NK	5138	3650	1640	10428
1197 JEWEL	5471	3556	1500	10527
1201 WL 322 HQ	4985	3816	1699	10500
1203 DS 9013	5628	4537	2119	12283
1204 A8923	6336	4242	1714	12292
1206 CRYSTAL	6008	4346	2040	12394
1210 90-1	5876	4251	1948	12075
1211 90-2	5843	3837	1808	11488
1212 TRIDENT II	5547	4237	1784	11568
1213 DS 9010	5852	4243	1738	11833
1214 DS 9011	6051	4659	2076	12785
1216 86-15	5638	4168	1925	11731
1217 COLUMBO	5169	3901	1703	10773
1220 86-124	5695	3932	1783	11410
1222 8638C	5112	4015	1729	10856
1225 WEBFOOT	5921	4394	2010	12325
1226 P1859	5102	4160	1886	11148
9002 120	6605	4041	1604	12249
HARV MEANS	5632	4095	1822	11548
CV %	6.5	5.2	8.1	4.9
LSD (5%)	430.7	251.7	174.1	674.9

Alfalfa registration trial C, seeded 1990,
harvested 1992, Ottawa

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1074 ARROW	5331	4440	3529	13300
9002 120	5325	4459	3134	12918
1001 SARANAC	5754	4357	3330	13440
1191 YAE92	5250	4398	3353	13001
1193 87777	5200	4130	2976	12306
1196 90ML4-NK	6850	5147	3929	15927
1197 VS 800	6386	4780	3679	14844
1201 WL88-6	5028	4004	3265	12296
1203 DS 901	4719	4098	3646	12463
1204 A8923	5242	4234	3241	12716
1206 MBS-2824	5354	4071	3283	12709
1210 90-1	5934	4487	3274	13694
1211 90-2	6637	5033	3869	15538
1212 TRIDENT	5782	4280	3460	13521
1213 LSC901	5119	4139	3344	12602
1214 LSC901	5919	4599	3200	13718
1216 86-15	4770	4021	3371	12163
1217 8737N	5580	4360	3176	13116
1220 THRIVE	5529	4290	3306	13125
1222 8638C	4939	4365	3307	12610
1225 WEBFOOT	4570	4699	3334	12602
1226 P1859	5006	4256	3400	12661
HARV MEANS	5467	4388	3378	13234
CV %	11.0	7.8	11.8	6.8
LSD (5%)	850.6	487.0	563.2	1273.3

Alfalfa registration trial C, seeded 1990,
harvested 1992, Thunder Bay

CULTIVAR	MEAN YIELD (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	4828	2976	7804
1074 ARROW	5537	3172	8709
1191 YAE92	4750	3197	7946
1193 87777	5196	3271	8466
1196 90ML4-NK	5379	3467	8847
1197 VS 800	5957	3369	9326
1201 WL 322 HQ	4645	3492	8137
1203 DS 9013	5589	3271	8860
1206 MBS-2821	5458	3615	9073
1210 90-1	5720	3566	9286
1211 90-2	5720	3787	9508
1212 TRIDENT II	5458	3271	8729
1213 DS 9010	5458	3492	8950
1214 DS 9011	5563	3467	9030
1216 86-15	5353	3664	9017
1217 8737N	5668	3394	9062
1220 86-124	6245	3615	9860
1222 8638C	5222	3689	8911
1225 WEBFOOT	5589	3344	8934
1226 P1859	5668	3590	9258
9002 120	6613	3148	9760
HARV MEANS	5514	3425	8939
CV %	10.0	8.7	7.2
LSD (5%)	654.0	350.8	757.4

Alfalfa registration trial C, seeded 1990,
harvested 1992, Kapuskasing

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1220 THRIVE	4254	3714	7968
1213 LSC 9010	4324	3665	7989
1191 YAE 92	4079	3839	7918
1196 90ML4-NK	3458	4203	7661
1214 LSC 9011	3586	4071	7657
1201 WL 88-6	3842	3809	7651
1001 SARANAC	3730	3891	7621
1211 90-2	3462	4104	7566
1225 WEBFOOT	3788	3753	7541
1212 TRIDENT	3798	3729	7527
1193 87777	3793	3725	7518
1074 ARROW	3525	3950	7475
1216 86-15	3653	3756	7409
9002 120	3706	3695	7401
1226 P 1859	3632	3758	7390
1217 8737N	3541	3739	7280
1197 VS 800	3481	3795	7276
1222 8638C	3446	3789	7235
1210 90-1	3535	3559	7094
1203 DS 9013	3326	3644	6970
1206 MBS-2821	3527	3233	6760
HARV MEANS	3715	3779	7494
CV %	7.1	9.9	13.6
LSD (5%)	434	615	1648

Alfalfa registration trial C, seeded 1990,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1001 SARANAC	5292	5041	10334
1196 90ML4-NK	4561	5619	10181
1211 90-2	4409	5728	10137
1191 YAE 92	5131	4947	10078
9002 120	4489	5541	10030
1225 WEBFOOT	4763	5231	9994
1210 90-1	4565	5306	9871
1213 LSC 9010	4783	4994	9777
1214 LSC 9011	4675	5022	9697
1220 THRIVE	4349	5042	9390
1197 VS 800	4077	5495	9572
1226 P1859	4475	5014	9489
1212 TRIDENT I	4476	4946	9422
1216 86-15	4509	4904	9413
1193 87777	4353	4757	9110
1074 ARROW	4164	4878	9042
1206 MBS 2821	4112	4909	9021
1217 8737N	4136	4855	8991
1201 WL 88-6	4690	4248	8938
1222 8638C	3852	4881	8733
1203 DS 9013	3882	4728	8610
1204 A 8923	3815	4693	8508
HARV MEANS	4431	5036	9466
LSD (5%)	370.7	128.5	420.7
C.V. %	13.4	4.1	7.1

Alfalfa registration trial D, seeded 1990,
harvested 1992, Ridgetown

CULTIVAR		MEAN YIELD (kg/ha)			
		CUT 1	CUT 2	CUT 3	TOTAL
1001	SARANAC	5821	2769	4260	12850
1074	ARROW	4988	2908	4676	12572
1189	5333	4914	2994	4682	12590
1190	YAM91	5633	3135	5038	13807
1192	86-20	5793	3177	4805	13775
1194	88778	5555	2926	4407	12888
1195	90ML3-NK	5260	3108	5057	13425
1198	VS 805	5644	3560	4761	13965
1199	ZENITH	5773	3250	4917	13940
1200	AF 31	5060	2974	4699	12733
1202	DS 9012	4718	2935	4618	12271
1205	A8925	5450	3315	4733	13498
1207	MBS-6041	5013	2825	4605	12442
1208	ECLIPSE	5345	3081	4665	13091
1209	AP8832	5050	3190	4744	12984
1215	8623B	5004	2870	4750	12624
1218	AP8842	4888	2909	4659	12456
1219	WL86-14	5048	2996	4633	12677
1221	85-5	5332	2746	4464	12542
1223	8713A	5405	3004	4590	13000
1227	B2186	5532	3083	4731	13346
9002	120	5954	3027	4798	13779
HARV MEANS		5326	3036	4695	13057
CV %		13.8	9.6	3.9	6.9
LSD (5%)		1012.2	399.6	254.2	1233.9

Alfalfa registration trial D, seeded 1990,
harvested 1992, Ottawa

MEAN YIELD (kg/ha)				
CULTIVAR	CUT 1	CUT 2	CUT 3	TOTAL
1074 ARROW	5448	4260	3261	12969
9002 120	5950	4667	3181	13797
1001 SARANAC	5838	4307	3106	13251
1189 XAM84	5777	4366	2995	13138
1190 YAM91	5279	4868	3286	13434
1192 86-20	5532	4417	3218	13167
1194 88778	5827	4164	2896	12887
1195 90ML3-NK	5580	4373	3286	13239
1198 VS 805	5669	4736	4086	14491
1199 VS 834	5129	4513	3255	12897
1200 WL87-122	5751	4267	3317	13335
1202 DS 9012	4944	4207	2821	11972
1205 A8925	5621	4477	3486	13584
1207 MBS-6041	5273	4231	3094	12597
1208 NY8832	5806	4513	3206	13525
1209 AP8832	6250	4357	3466	14073
1215 8623B	5968	4556	3478	14002
1218 AP8842	5423	4134	3336	12893
1219 WL86-14	5245	4164	2914	12324
1221 85-5	5157	3747	3217	12121
1223 8713A	5040	4128	3156	12325
1227 B2186	5115	4297	2871	12283
HARV MEANS	5528	4352	3224	13104
CV %	13.9	6.4	8.8	7.3
LSD (5%)	1095.7	398.5	407.5	1367.1

Alfalfa registration trial D, seeded 1990,
harvested 1992 , Thunder Bay

		MEAN YIELD (kg/ha)		
CULTIVAR		Cut 1	Cut 2	Total
1001	SARANAC	5379	2596	7975
1074	ARROW	5484	2562	8046
1189	5333	5630	2920	8549
1190	YAM91	5625	2839	8464
1192	86-20	5555	2839	8393
1194	88778	5524	2712	8236
1195	90ML3-NK	5836	2942	8778
1198	VS 805	5419	2660	8079
1199	ZENITH	5730	2769	8500
1200	AF 31	5379	3081	8460
1202	DS 9012	5168	2700	7868
1205	A8925	5660	3150	8810
1207	MBS-6041	5484	2873	8358
1208	ECLIPSE	5977	2700	8677
1209	AP8832	6152	3081	9233
1215	8623B	5977	3116	9092
1218	AP8842	5801	2977	8778
1219	WL86-14	5836	2942	8778
1221	85-5	5801	2942	8743
1223	8713A	5238	3150	8388
1227	B2186	5836	2769	8605
9002	120	5625	2562	8187
HARV MEANS		5642	2858	8500
CV %		7.3	10.6	6.4
LSD (5%)		567.7	416.2	744.1

Alfalfa registration trial D, seeded 1990,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
9002 120	4492	5408	9900
1195 90ML3-NK	4194	5576	9770
1190 YAM 91	4495	5226	9720
1192 86-20	4401	5151	9552
1199 VS 834	4246	5287	9533
1189 XAM 84	4315	5201	9516
1205 A 8925	4214	5276	9490
1001 SARANAC	4249	5228	9476
1208 NY 8832	4365	5068	9433
1198 VS 805	3926	5410	9336
1209 AP 8832	4249	5006	9254
1074 ARROW	4222	4980	9202
1218 AP 8842	4042	5147	9189
1227 B 2186	4009	5079	9088
1219 WL 86-14	3818	5178	8996
1194 88778	3895	4981	8876
1200 WL 87-122	3839	4923	8762
1215 8623B	3790	4968	8758
1207 MBS 6041	3548	4917	8466
1223 8713A	3580	4875	8454
1202 DS 9012	3830	4622	8452
1221 85-5	3737	4580	8317
HARV MEANS	4066	5095	9161
LSD (5%)	309.5	151.7	403.5
C.V. %	11.9	4.6	6.9

Alfalfa registration trial A, seeded 1991,
harvested 1992, Elora

		Mean Yield (kg/ha)			
CULTIVAR		Cut 1	Cut 2	Cut 3	Total
1001	SARANAC	6049	4283	1900	12231
1074	ARROW	5445	3925	1412	10783
1228	PS90-3	6186	3800	1470	11456
1230	PS90-5	5628	4088	1733	11449
1231	AP9031	5465	3729	1393	10587
1232	GUARDSMAN	5611	3932	1709	11252
1237	DK-133	6084	3796	1726	11607
1238	ACHIEVA	5834	3881	1690	11405
1244	GH777	5718	4209	1702	11629
1245	UN72	5897	3662	1567	11125
1246	UN74	5724	3867	1476	11067
1248	87-135	5201	3810	1477	10488
1249	90791	5741	4252	1769	11761
1251	NK91-1	5959	4038	1564	11560
1252	NK91-2	5751	4014	1807	11571
1256	GARST 645	5350	3867	1461	10679
1258	5252	5609	3796	1404	10809
1262	AS-D	4647	3757	1769	10173
9002	120	5789	3615	1152	10556
HARV MEANS		5668	3912	1589	11168
CV %		7.5	6.1	10.0	5.2
LSD (5%)		508.3	282.9	189.7	690.9

Alfalfa registration trial A, seeded 1991,
harvested 1992, Kapuskasing

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1246 UN 74	3128	4563	7691
1252 NK91-2	3206	4423	7629
1230 PS90-5	2778	4648	7426
1256 GARST 645	2858	4276	7134
1245 UN 72	2582	4483	7065
1244 GH 777	2561	4370	6931
1231 AP 9031	2697	4079	6776
1251 NK91-1	2735	4012	6747
1237 VS 904	2348	4385	6733
1232 NY 8829	2706	3949	6655
1228 PS90-3	2788	3835	6623
1238 VS 907	2603	3953	6556
1001 SARANAC	2654	3882	6536
1249 90791	2529	3951	6480
9002 120	2237	4112	6349
1258 XAM 93	2225	3965	6190
1074 ARROW	2389	3800	6189
1248 87-135	2377	3752	6129
1262 AS-D	1361	3700	5061
HARV MEANS	2566	4113	6679
CV %	12.2	6.5	5.8
LSD (5%)	519	441	637

Alfalfa registration trial A, seeded 1991,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1246 UN 74	5134	4275	9409
9002 120	5501	3904	9405
1249 90791	5004	4009	9013
1074 ARROW	5350	3646	8995
1245 UN 72	4979	4009	8987
1244 GH 777	5005	3977	8981
1231 AP 9031	5188	3783	8971
1256 GARST 645	5171	3727	8897
1232 NY 8829	4956	3888	8843
1238 VS 907	4738	4073	8812
1001 SARANAC	4891	3880	8771
1252 NK 91-2	4834	3880	8714
1237 VS 904	4777	3904	8681
1248 87-135	4841	3735	8576
1228 PS 90-3	4845	3670	8515
1251 NK 91-1	4690	3807	8497
1230 PS 90-5	4619	3864	8482
1258 XAM 93	4390	3783	8173
1262 AS-D	3370	3235	6604
HARV MEANS	4857	3844	8701
LSD (5%)	288.5	157.8	341.1
C.V. %	8.5	5.9	5.6

Alfalfa registration trial B, seeded 1991,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	5776	5556	3851	15183
1074 ARROW	5740	5900	3956	15595
1229 PS90-4	5566	6185	4105	15855
1234 AP9016	5911	6244	3904	16059
1235 ABI9015	5499	6000	3977	15476
1236 A9004	6258	6086	4049	16393
1239 VS920	5899	5982	4091	15972
1240 VS932	5871	6251	4176	16297
1241 VS943	5621	6258	3705	15583
1242 86-136	5632	5825	4078	15535
1247 89-126	5740	6144	4140	16024
1250 90792	5729	6121	4199	16049
1253 89-31	6015	6014	4027	16056
1254 89-30	5328	6008	3983	15319
1257 dropped	3977	5410	3318	12705
1259 YAL07	5307	5705	4032	15044
1263 AS-G	5739	6000	4324	16063
1265 DS 9117	5866	5761	4508	16136
1266 DS 9118	5932	6000	4202	16135
9002 120	5941	6140	3751	15832
HARV MEANS	5667	5979	4019	15666
CV %	5.7	4.3	4.7	2.8
LSD (5%)	385.7	305.9	227.0	528.0

Alfalfa registration trial B, seeded 1991,
harvested 1992, Elora

Cultivar	MEAN YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5854	4678	2476	13008
1074 ARROW	5509	4223	2422	12155
1229 PS90-4	5322	4073	2433	11828
1234 AP9016	5193	4205	2405	11803
1235 ABI9015	5435	4445	2449	12328
1236 A9004	5699	4239	2353	12291
1239 BOLT ML	5638	4122	2310	12070
1240 VS-932	5304	4144	2365	11812
1241 VS-943	5402	4300	2298	11999
1242 86-136	5163	4343	2501	12006
1247 GH755	4991	4441	2500	11931
1250 VIKING 1	5681	4300	2529	12510
1253 89-31	5523	4320	2434	12277
1254 89-30	5322	4423	2503	12248
1257 dropped	4263	4153	1672	10088
1259 YAL07	5363	4409	2539	12310
1263 AS-G	5870	4131	2506	12507
1265 DS 9117	5565	4250	2664	12480
1266 DS 9118	5519	4358	2319	12195
9002 120	5725	4074	2067	11866
HARV MEANS	5417	4282	2387	12086
CV %	11.5	7.6	5.9	4.9
LSD (5%)	743.6	387.1	167.3	701.5

Alfalfa registration trial B, seeded 1991,
harvested 1992, Kapuskasing

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1001 SARANAC	3455	4096	7551
9002 120	3745	3291	7036
1247 89-126	3308	3688	6996
1235 ABI9015	3261	3505	6766
1254 89-30	3341	3415	6756
1241 VS 943	3004	3690	6694
1242 86-136	3205	3410	6615
1229 PS 90-4	3241	3345	6586
1250 90792	3142	3429	6571
1253 89-31	3108	3445	6553
1074 ARROW	3323	3115	6438
1257 DROPPED	2547	3795	6342
1259 YAL 07	3312	2935	6247
1265 SL9117	3225	2986	6211
1236 A9004	3071	3071	6142
1234 AP9016	2972	2588	5896
1266 SL9118	3108	2589	5697
1263 AS-G	2784	2881	5665
1239 VS 920	3038	2539	5577
1240 VS 932	2922	2398	5320
HARV MEANS	3156	3211	6383
CV %	11.6	10.6	9.7
LSD (5%)	606	563	1006

Alfalfa registration trial B, seeded 1991,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1240 VS 932	5271	3882	9154
9002 120	5318	3571	8889
1266 SL 9118	4944	3511	8455
1247 89-126	4954	3498	8452
1239 VS 920	4905	3531	8436
1234 AP 9016	5026	3405	8431
1001 SARANAC	5105	3299	8405
1241 VS 943	4958	3432	8390
1074 ARROW	4920	3412	8332
1253 89-31	4582	3584	8166
1259 YAL 07	4631	3531	8162
1229 PS 90-4	4666	3465	8131
1235 ABI 9015	4764	3352	8116
1250 90792	4618	3491	8110
1265 SL 9117	4759	3240	7998
1242 86-136	4737	3233	7970
1236 A 9004	4422	3372	7794
1254 89-30	4178	3379	7556
1263 AS-G	4168	3379	7547
1257 DROPPED	3095	2856	5951
HARV MEANS	4701	3421	8122
LSD (5%)	323.6	172.1	369.4
C.V. %	10.2	7.4	6.7

Alfalfa registration trial C, seeded 1991,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	6762	5925	3625	16313
1074 ARROW	7405	6384	3752	17541
1189 5333	7416	5861	3561	16838
1192 86-20	7036	6219	3716	16972
1194 88778	6509	6188	3518	16215
1197 VS 800	7551	6720	3753	18025
1198 VS 805	7226	6400	3536	17162
1199 ZENITH	7043	6467	3799	17308
1205 A8925	7010	5970	3827	16808
1206 MBS-2821	7219	6187	3957	17363
1207 MBS-6041	6867	6042	3729	16639
1208 ECLIPSE	6482	5959	3604	16045
1211 90-2	7275	6335	3659	17270
1214 DS 9011	6742	6097	3913	16752
1215 8623B	6056	5197	3363	14616
1218 AP8842	6940	6185	3924	17049
1219 WL86-14	6784	6313	3689	16787
1220 THRIVE	6933	6545	3606	17084
1221 85-5	6914	6335	4013	17263
1222 8638C	6326	5301	3658	15286
1223 8713A	7078	6261	3714	17053
1226 P1859	6920	6288	4120	17327
9002 120	7828	6287	3383	17499
HARV MEANS	6971	6151	3714	16835
CV %	5.8	4.3	5.5	3.3
LSD (5%)	475.1	310.1	241.0	665.1

Alfalfa registration trial C, seeded 1991,
harvested 1992, Elora

CULTIVAR	MEAN YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5482	4231	1770	11483
1074 ARROW	5247	3949	1841	11037
1189 5333	5908	3714	1716	11337
1192 86-20	5378	3918	1765	11061
1194 FLAGSHIP 75	5039	3688	1691	10418
1197 JEWEL	5567	4004	1689	11260
1198 ALFALEAF	5939	4093	1774	11807
1199 ZENITH	5488	4038	1770	11295
1205 A8925	5403	4158	1826	11386
1206 CRYSTAL	5224	4006	1842	11073
1207 MBS-6041	5032	3932	1886	10850
1208 ECLIPSE	5933	4011	1852	11796
1211 90-2	5664	3946	1780	11390
1214 DS 9011	5573	3884	1977	11433
1215 8623B	5330	3975	1913	11218
1218 AP8842	5057	4115	1904	11076
1219 WL86-14	5336	4019	1923	11278
1220 86-124	5467	4046	1733	11246
1221 85-5	5228	4109	2039	11376
1222 8638C	4999	4095	1865	10960
1223 8713A	4728	4084	1765	10577
1226 P1859	4822	4249	1973	11044
9002 120	5566	3835	1582	10983
HARV MEANS	5366	4004	1821	11191
CV %	7.4	5.8	7.0	4.4
LSD (5%)	469.9	276.3	149.9	584.0

Alfalfa registration trial C, seeded 1991,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1199 VS 834	5379	4029	9408
9002 120	5432	3788	9220
1205 A 8925	4847	4186	9033
1206 MBS 2821	5440	3589	9028
1189 XAM 84	5083	3801	8884
1207 MBS 6041	4988	3894	8882
1197 VS 800	4807	3997	8804
1226 P1859	4729	4039	8768
1214 LSC 9011	5137	3598	8735
1192 86-20	4763	3971	8735
1198 VS 805	4798	3931	8729
1222 8638C	4873	3734	8606
1211 90-2	4929	3674	8603
1001 SARANAC	4850	3751	8601
1220 86-124	4817	3781	8598
1218 AP 8842	4876	3578	8454
1219 WL 86-14	4763	3661	8425
1074 ARROW	4828	3563	8390
1208 NY 8832	4717	3663	8381
1215 8623B	4732	3646	8378
1223 8713 A	4388	3865	8253
1221 85-5	4823	3377	8200
1194 88778	4276	3546	7822
HARV MEANS	4881	3768	8649
LSD (5%)	272.3	162.2	323.8
C.V. %	8.9	6.9	6.0

Alfalfa registration trial D, seeded 1991,
harvested 1992, Ridgetown

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	7843	5616	3937	17396
1074 ARROW	8174	6085	3843	18102
1131 CROWN II	8238	6129	3969	18335
1163 PICK..8920MF	8676	5961	3970	18606
1191 YAE92	7948	6152	3942	18042
1193 87777	7721	5359	3931	17011
1195 90ML3-NK	8637	6039	4030	18706
1196 90ML4-NK	8348	6194	3865	18406
1200 AF 31	7662	6093	3883	17638
1201 WL 322 HQ	6741	5488	3836	16065
1202 DS 9012	7728	5328	4226	17283
1203 DS 9013	7575	5754	3966	17296
1209 AP8832	8029	6181	4003	18214
1210 90-1	8855	6557	3928	19341
1212 TRIDENT II	7802	5953	3987	17743
1213 DS 9010	7778	5574	3885	17237
1216 86-15	7543	5746	4111	17401
1217 8737N	7430	6061	4090	17581
1220 THRIVE	8174	6169	4134	18478
1227 B2186	7719	6009	4135	17863
1255 GG92/PHS9	6933	5153	4015	16101
9002 120	8133	6001	3717	17851
HARV MEANS	7895	5891	3973	17759
CV %	6.2	9.3	7.8	3.9
LSD (5%)	577.1	645.0	368.3	819.1

Alfalfa registration trial D, seeded 1991,
harvested 1992, Elora

CULTIVAR	MEAN YIELD (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	6551	3956	1838	12345
1074 ARROW	6176	4027	1693	11897
1131 CROWN II	6414	4338	1695	12448
1163 PICK..892OMF	5460	3797	1728	10985
1191 5246	6618	4063	1855	12536
1193 87777	6085	4073	1800	11958
1195 90ML3-NK	6269	3843	1664	11776
1196 90ML4-NK	6846	4021	1733	12601
1200 AF 31	5552	4230	1930	11712
1201 WL 322 HQ	5262	3984	1771	11016
1202 DS 9012	6344	4243	1985	12573
1203 DS 9013	5827	4054	1887	11769
1209 AP8832	6470	4069	1780	12320
1210 90-1	6103	4142	1875	12120
1212 TRIDENT II	5973	4347	1860	12180
1213 DS 9010	6117	4118	1983	12218
1216 86-15	5464	4055	1905	11425
1217 COLUMBO	5695	4010	1866	11571
1220 THRIVE	6325	3795	1745	11865
1227 B2186	5709	4203	1643	11554
1255 GG92/PHS9	5286	3544	1564	10394
9002 120	6433	3763	1299	11495
HARV MEANS	6045	4031	1777	11853
CV %	9.4	7.9	8.6	6.5
LSD (5%)	783.9	440.3	210.3	1061.2

Alfalfa registration trial D, seeded 1991,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
9002 120	6784	4048	10831
1131 CROWN II	5839	4200	10039
1200 WL 87-122	5955	3988	9944
1074 ARROW	5749	4175	9924
1196 90 ML4-NK	5440	4285	9725
1213 LSC 9010	5746	3920	9667
1191 YAE 92	5527	3980	9506
1227 B 2186	5354	4124	9478
1209 AP 8832	5472	3920	9392
1203 DS 9013	5313	4065	9378
1212 TRIDENT I	5396	3895	9291
1210 90-1	5170	4098	9269
1217 8737N	5186	4056	9242
1001 SARANAC	5294	3920	9214
1220 THRIVE	5153	4014	9167
1195 90 ML3-NK	5020	4014	9033
1193 87777	5141	3878	9018
1216 86-15	5077	3920	8997
1201 WL 88-6	5278	3683	8961
1202 DS 9012	4798	3997	8795
1163 PS 8920	4725	4014	8739
1255 GG92/PHS9	4614	3746	8361
HARV MEANS	5365	3997	9362
LSD (5%)	318.7	91.3	347.4
C.V. %	9.3	3.6	5.8

Pickseed Alfalfa trial A, seeded 1990,
harvested 1992, Blenheim

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1074 ARROW	6494.3	3579.6	2178.3	12252.1
1039 EXCALIBUR	6264.7	3614.1	2502.7	12381.5
9002 120	6464.5	3315.4	2094.9	11874.8
1001 SARANAC	6113.8	3530.8	2157.2	11801.8
1197 PS-8A	6355.5	3400.9	2092.4	11848.9
1198 PS-8B	6132.6	3376.5	2195.6	11704.7
7 PS8C(VS851)	6995.5	3770.5	2495.2	13261.2
8 PS-8D(VS852)	6495.6	3673.2	2499.4	12668.2
9 PS-8E(VS856)	6308.4	3167.8	2303.4	11779.6
10 PS-8F(VS881)	6786.0	3724.8	2438.0	12948.8
1237 PS-9G(VS904)	6425.1	3819.9	2400.7	12645.7
1238 PS-9H(VS907)	6633.6	3614.0	2490.2	12737.8
1239 PS-9I(VS920)	6562.0	3493.8	2333.6	12389.4
14 PS-9J(VS929)	6592.0	3700.5	2521.3	12813.9
1240 PS-9K(VS932)	5634.7	3242.3	2382.5	11259.5
1241 PS-9L(VS943)	6409.8	3679.1	2171.0	12259.9
1208 NY 8832	5860.7	3476.8	2248.3	11585.8
1210 PICK 90-1	6149.4	3558.6	2289.6	11997.6
1211 PICK 90-2	6890.4	3768.6	2154.0	12813.0
1163 PS8920	7084.4	3810.1	2430.3	13324.8
1162 PS8915	5781.3	3508.5	2323.5	11613.4
1209 AP8832	6268.9	3383.2	2247.4	11899.5
9041 ONEIDA	6075.3	3688.7	2330.1	12094.0
1055 ADVANCE	6632.2	3750.2	2452.0	12834.5
1028 ALOUETTE	5947.3	3547.1	2413.8	11908.3
1112 APOLLO SUPREME	6267.5	3514.8	2428.9	12211.1
1122 C89	5992.2	3344.9	2076.5	11413.6
1123 C95	6253.9	3244.6	2268.3	11766.7
29 AP8753	6010.2	3436.4	2218.7	11665.3
30 A872	6385.8	3418.4	1959.2	11763.4
HARV MEANS	6342.3	3538.5	2303.2	12183.9
C.V.	7.1	7.9	9.8	5.4
LSD (5%)	636.2	391.2	317.2	923.8

Pickseed Alfalfa trial A, seeded 1990,
harvested 1992, Elmira

MEAN YIELD (kg/ha)				
CULTIVAR	CUT 1	CUT 2	CUT 3	TOTAL
1074 ARROW	5004.1	2708.4	1574.9	9287.4
1039 EXCALIBUR	4992.3	2695.1	1524.1	9211.5
9002 120	5173.9	2822.5	1576.4	9572.8
1001 SARANAC	4654.6	2630.5	1752.7	9037.8
1197 PS-8A	4778.5	2577.7	1787.4	9143.6
1198 PS-8B	4798.6	2709.0	1667.5	9175.1
7 PS8C(VS851)	4589.4	2685.7	1717.9	8993.0
8 PS-8D(VS852)	5094.2	2990.4	1895.1	9979.6
9 PS-8E(VS856)	5134.5	2780.5	1827.0	9742.0
10 PS-8F(VS881)	5120.7	2991.1	1873.4	9985.2
1237 PS-9G(VS904)	5248.4	3041.2	1846.6	10136.2
1238 PS-9H(VS907)	4941.9	2634.2	1831.4	9407.5
1239 PS-9I(VS920)	5035.7	2848.4	1874.7	9758.8
14 PS-9J(VS929)	5238.0	2859.7	1672.4	9770.1
1240 PS-9K(VS932)	4675.0	2876.5	1468.3	9019.8
1241 PS-9L(VS943)	4823.0	2795.1	1781.9	9399.9
1208 NY 8832	5149.8	2859.1	1837.6	9846.5
1210 PICK 90-1	5157.6	2888.4	1697.6	9743.6
1211 PICK 90-2	5174.9	2640.9	1685.7	9501.5
1163 PS8920	5201.3	2813.1	1786.4	9800.8
1162 PS8915	4947.7	2540.0	1823.7	9311.4
1209 AP8832	5077.0	2598.8	1714.1	9389.9
9041 ONEIDA	5260.9	3073.0	1894.3	10228.1
1055 ADVANCE	4810.3	2754.4	1982.3	9546.9
1028 ALOUETTE	5164.0	2860.3	1654.5	9678.8
1112 APOLLO SUPREM	4902.3	2653.3	1738.8	9294.4
1122 C89	4798.8	2623.9	1526.7	8949.3
1123 C95	4813.0	2483.1	1590.7	8886.7
29 AP8753	5065.3	2629.1	1581.3	9275.6
30 A872	5335.9	2816.1	1562.7	9714.7
HARV MEANS	5005.4	2762.6	1724.9	9492.9
C.V. %	8.2	9.2	13.9	6.8
LSD (5%)	814.3	357.0	337.3	914.1

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Pioneer alfalfa trial, seeded 1990,
harvested 1992, Chatham

MEAN YIELD (kg/ha)					
	CULTIVAR	CUT 1	CUT 2	CUT 3	TOTAL
1297	YAL06 (XAL06)	6164	5227	4335	15726
1114	5364	5869	5441	4246	15565
15	88W4CF2	6083	5923	3470	15467
1	88I6PR1	6092	5593	3782	15458
3	YAL12 (88N2CV2)	6351	5459	3630	15441
5	89I1CR2	6440	4638	4032	15111
23	89P6PR1	6030	4915	4112	15057
1298	89W6PV1 (YAE11)	6048	5236	3738	15021
12	89P2CV2	6101	4959	3720	14780
7	88M2CR2	6182	5165	3390	14736
20	88N6PR1	6110	5004	3541	14655
6	89P5PF1	5700	5138	3800	14628
2	89I2CR2	6021	5102	3506	14628
1113	5331	5736	5111	3746	14593
8	88N1CF2	5780	5049	3746	14584
1258	5252 (XAM93)	6110	5049	3363	14522
16	89P1CF2	5522	5209	3746	14477
1117	5262	6235	4817	3416	14477
1177	5373 (XAM73)	6110	5156	3193	14459
11	ZAM010	5727	4915	3809	14442
1190	YAM91	6039	4942	3443	14433
26	89N1CF2	5406	5031	3818	14254
33	88N5PV1	5611	4496	4041	14147
1189	5333 (XAM84)	5798	4389	3925	14103
4	89I3CR2	5941	4576	3686	14103
9002	DK120	5736	4799	3461	13996
1088	5432	5513	5031	3434	13987
1191	XAE92 (5246)	5860	4853	3247	13951
31	89W5PV1	5816	4879	3256	13951
30	89N4CV2	5655	4621	3622	13897
1176	5472 (XAL72)	5423	5200	3274	13888
13	88I3CR2	5718	4835	3300	13845
10	89I4CF2	5682	4710	3300	13692
19	88I5CR2	5620	4629	3443	13683
1074	ARROW	5718	4728	3229	13683
29	89W1CF2	5646	4308	3684	13639
9	89W2CV2	5914	4353	3372	13639
32	89N3CV2	5477	4522	3470	13478
1180	86PR221	5379	4433	3586	13398
9055	5311	5379	4442	3541	13380
17	88N3CR2	5423	4710	3256	13380
24	88N6PR1	5406	4282	3488	13184
28	89I5SV1	5495	4237	3416	13148
34	88M1CF2	5218	4531	3300	13050
1039	EXCALIBUR	5299	4246	3256	12800
27	89N2CR2	5191	3907	3532	12631
9012	VERNAL	5406	4014	2524	11935
1001	SARANAC	5236	3961	2569	11766
HARVEST MEANS		5762	4808	3532	14103
CV %		8.2	13.3	14.8	8.7
LSD (5%)		672	905	739	1732

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Pioneer alfalfa trial, seeded 1990,
harvested 1992, Woodstock

MEAN YIELD (kg/ha)				
	CULTIVAR	CUT 1	CUT 2	TOTAL
5	89I3CR2	6708	4085	10793
1190	YAM91	5807	4986	10793
1	YAL12 (88N2CV2)	6235	4549	10784
4	88N6PR1	6039	4701	10749
32	89P1CF2	6128	4522	10650
1258	5252 (XAM93)	6048	4531	10588
1117	5262	6021	4540	10561
6	89I1CR2	6063	4531	10534
17	88N3CR2	6119	4380	10499
16	88N1CF2	6360	4139	10499
9002	DK120	6324	4120	10445
1180	86PR221	6485	3889	10374
8	89N1CF2	5968	4380	10347
14	89W1CF2	5878	4460	10338
20	88I6PR1	5940	4380	10320
30	89I2CR2	5664	4567	10231
31	89W5PV1	5548	4665	10213
7	89P2CV2	5646	4531	10177
1176	5472	6101	4050	10151
28	89I5SV1	6253	3889	10142
1177	5373	5887	4246	10133
2	89N3CV2	5941	4192	10133
12	88M2CR2	5905	4139	10044
1191	XAE92 (5246)	6146	3871	10017
29	89P5PF1	5843	4166	9999
33	88W4CF2	5566	4442	9998
1298	YAE11	5976	4175	9928
10	89W2CV2	5762	4175	9928
27	ZAM010	5611	4282	9892
1039	EXCALIBUR	5637	4219	9848
3	89I4CF2	5370	4451	9821
25	88I3CR2	5843	3978	9821
1114	5364	5459	4353	9812
21	88I5CR2	5646	4157	9803
13	89P6PR1	5495	4264	9758
1113	5331	5709	4041	9750
1297	YAL06 (XAL06)	5834	3898	9732
9055	5311	5423	4166	9589
1001	SARANAC	5361	4166	9518
19	89N4CV2	5450	4032	9482
11	89N6PR1	5227	4166	9384
34	88N5PV1	5352	4023	9375
26	89N2CR2	5138	4201	9339
1088	5432	5004	4326	9330
22	88M1CF2	5263	3889	9152
1074	ARROW	5227	3684	8911
1189	5333 (XAM84)	4335	4299	8635
9012	VERNAL	5031	3274	8296
HARVEST MEANS		5745	4228	9973
CV %		13.7	12.2	10.0
LSD (5%)		1117	727	1405

Northrup King alfalfa trial, seeded 1990,
harvested 1992, London

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1195 NK 90ML3	4833.5	4934.1	4026.1	13793.7
1138 LEGEND	4872.8	4746.8	3973.8	13593.4
1039 EXCALIBUR	4514.9	4930.4	3952.0	13397.3
1196 NK 90ML4	5078.0	4572.3	3733.9	13394.1
9002 DK-120	4420.3	4959.5	3681.5	13061.3
9050 SURE	4656.0	4648.6	3707.7	13012.3
1156 MULTIKING 1	4497.4	4390.5	3779.7	12667.5
1001 SARANAC	4274.8	4517.7	3873.5	12666.0
1074 ARROW	4356.3	4517.7	3760.0	12634.0
1193 87777	4452.3	4157.8	3511.4	12121.5
2 0-88-168	4367.9	4215.9	3443.8	12027.7
1194 88778	4261.7	4021.4	3559.4	11842.3
HARV MEANS	4548.8	4551.1	3750.2	12850.1
LSD (5%)	283.7	240.0	229.0	506.0
CV %	7.8	6.6	7.7	4.7

Northrup King alfalfa trial, seeded 1990,
harvested 1992, Punkey Doodles

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1138 LEGEND	5561.0	6391.3	11952.4
1195 NK 90ML3	5147.7	6460.0	11607.7
1128 G-2833	4834.0	6376.0	11210.0
1039 EXCALIBUR	4820.4	5900.7	10721.0
9002 DK-120	4678.5	6032.4	10710.9
9050 SURE	4679.9	5877.7	10557.6
1196 NK 90ML4	4888.6	5562.8	10451.3
1074 ARROW	4704.4	5558.9	10263.4
1156 MULTIKING 1	4825.8	5303.1	10129.0
1194 88778	4557.1	5350.9	9908.0
1193 87778	4405.7	5471.1	9876.9
2 O-88-168	4673.1	5140.9	9813.9
1001 SARANAC	4423.5	4925.2	9348.6
HARV MEANS	4784.6	5719.3	10503.9
LSD (5%)	431.0	519.2	574.2
CV %	9.0	9.1	5.4

Northrup King alfalfa trial, seeded 1991,
harvested 1992, London

CULTIVAR	MEAN YIELD (kg/ha)			
	CUT 1	CUT 2	CUT 3	TOTAL
1001 SARANAC	5087.7	5683.1	3998.0	10770.8
1251 NK 91-1	5183.2	5572.2	4052.0	10755.4
1252 NK 91-2	5207.8	5479.5	4224.0	10687.2
1 NK EXP A	5115.0	5550.4	4118.0	10665.4
1138 LEGEND	5037.3	5604.9	4074.0	10642.1
9001 DK-120	4891.3	5666.7	3910.0	10558.0
1249 90791	5251.4	5295.8	3952.0	10547.2
1156 MULTIKING 1	5046.8	5361.3	4046.0	10408.1
1250 90792	5127.3	5257.7	3988.0	10384.9
1074 ARROW	4937.7	5314.0	4134.0	10251.7
HARV MEANS	5088.5	5478.5	4049.6	10567.1
LSD (5%)	251.0	207.3	126.0	450.0
CV %	6.2	4.7	3.9	3.6

Northrup King alfalfa trial, seeded 1991,
harvested 1992, Wroxetter

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1249 90791	4124.7	3397.8	7522.6
1138 LEGEND	3993.8	3352.4	7346.2
1 NK EXP A	3847.8	3477.8	7325.7
1250 90792	3861.5	3434.2	7295.7
1252 NK 91-2	3800.1	2972.4	6772.5
1001 SARANAC	3730.5	3019.7	6750.2
1074 ARROW	3704.6	3043.3	6748.0
1251 NK 91-1	3450.9	3190.6	6641.5
9002 DK-120	3699.2	2939.7	6638.9
1156 MULTIKING 1	3238.1	3208.8	6446.9
HARV MEANS	3745.1	3203.7	6948.8
LSD (5%)	437.8	312.7	703.8
CV %	14.6	12.2	13.0

Northrup King alfalfa trial, seeded 1991,
harvested 1992, Punkey Doodles

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1251 NK 91-1	5114.0	4341.4	9455.3
1 NK EXP A	5494.0	3857.8	9351.8
1252 NK 91-2	5341.1	3936.0	9277.0
1249 90791	5019.7	4136.0	9155.7
1138 LEGEND	5042.9	3997.8	9040.7
1250 90792	4718.4	4223.2	8941.6
9002 DK-120	4939.4	3834.2	8773.5
1001 SARANAC	4835.9	3808.7	8644.6
1074 ARROW	5093.9	3437.8	8531.7
1156 MULTIKING 1	4587.1	3543.3	8130.4
HARV MEANS	5018.6	3911.6	8930.2
LSD (5%)	293.6	285.4	390.4
CV %	7.3	9.1	5.4

Pioneer alfalfa trial, seeded 1991,
harvested 1992, Chatham

MEAN YIELD (kg/ha)				
CULTIVAR	CUT 1	CUT 2	CUT 3	TOTAL
1 90P4CR2	8099	4933	4567	17599
2 90W3PR1	7975	4576	4335	16886
3 90W1CF2	8010	4505	4121	16645
1297 YAL06 (XAL06)	7743	4415	4246	16404
1258 5252 (XAM93)	8313	4299	3657	16261
9002 DK120	8349	4023	3889	16261
4 90I3CF2	8206	4112	3916	16234
5 89P5PF1	8278	4094	3853	16225
6 90SY6V2	7742	4299	4085	16136
7 90N3CR2	7867	4068	4175	16110
8 90P2CV2	7573	4424	4112	16110
1177 5373 (XAM73)	7627	4496	3863	15985
9055 5311	7537	4398	4023	15967
9 90N4SR1	7671	3934	4326	15931
10 89I4CF2	7778	4407	3746	15931
11 90SY2V2	7466	4398	4041	15904
1298 YAE11	7698	4407	3720	15833
1074 ARROW	7662	4219	3925	15806
12 90I4CV2	7368	4460	3898	15726
13 90N5PR1	7671	4291	3755	15717
14 90W7SR1	7867	3916	3907	15681
15 90W2CR2	7181	4371	4085	15637
16 90I5CR2	7404	4219	3996	15619
17 89N4CV2	7404	4157	4059	15610
18 89P6PR1	7725	3845	3969	15548
19 90W5PV1	7502	4130	3889	15530
20 89I1CR2	7198	4326	3987	15512
1117 5262	7832	3657	3916	15405
21 90P1CF2	7350	4273	3746	15369
22 90W6PR1	7341	3987	3916	15253
1259 YAL07	7430	3916	3907	15253
23 90W4PV1	7109	4406	3729	15244
24 YAL03 (87CR212)	7413	4157	3666	15235
25 90SY1F2	7484	3853	3853	15191
1176 5472 (XAL72)	7573	3800	3755	15128
1138 LEGEND	7047	4014	4050	15111
26 90SY3V2	7484	3630	3978	15093
27 89W5PV1	7261	3934	3880	15075
1191 XAE92 (5246)	7760	3622	3684	15066
28 90P5SR1	7181	4005	3871	15048
9009 526	7948	3666	3407	15021
1001 SARANAC	7065	4183	3737	14977
29 90I1CR2	6565	4139	4273	14977
30 ZAM010	7163	4166	3622	14950
31 90N2CV2	7163	3845	3916	14914
32 90P6SR1	6194	4121	3764	14896
33 90SY5V2	7118	4050	3720	14888
34 90I2CR2	7306	3880	3693	14879
35 89I5SV1	7118	3853	3889	14861
36 89P1CF2	6067	4068	3809	14843
37 89N6PR1	6824	4317	3684	14816
38 90I6SR1	7323	3746	3639	14709
39 90P3CR2	6993	3952	3720	14665
1114 5364	6556	4148	3916	14620
40 90SY4F2	7395	3381	3809	14593
41 90P7CV2	7306	3738	3523	14557
1189 5333	6744	3934	3800	14477
42 90N1CV2	6645	3622	3622	13888
1088 5432	6529	3978	3274	13781
9012 VERNAL	7627	2988	3006	13621

	51			
HARVEST MEANS	7439	4076	3862	15387
CV %	10.0	12.8	9.0	7.3
LSD (5%)	1056	736	491	1581

Pioneer alfalfa trial, seeded 1991,
harvested 1992, Woodstock

MEAN YIELD (kg/ha)				
	CULTIVAR	CUT 1	CUT 2	TOTAL
27	89W5PV1	5923	5932	11855
6	90SY6V2	6342	5156	11507
9002	DK120	6324	5013	11346
16	90I5CR2	5896	5361	11257
1114	5364	5878	5156	11034
1258	5252 (XAM93)	6074	4915	10998
9009	526	6003	4951	10963
1297	XAL06 (YAL06)	6066	4817	10891
21	90P1CF2	5637	5245	10882
15	90W2CR2	5406	5352	10758
30	ZAM010	5432	5236	10668
1138	LEGEND	5548	5102	10659
1189	5333 (XAM84)	5655	4977	10642
18	89P6PR1	6092	4496	10597
24	YAL03 (87CR212)	5637	4897	10534
17	89N4CV2	5441	5058	10499
1298	YAE11 (89W6PV1)	5798	5674	10472
39	90P3CR2	5709	5456	10365
4	90I3CF2	5700	4368	10338
12	90I4CV2	5120	5209	10329
37	89N6PR1	5361	4951	10312
26	90SY3V2	5593	4701	10294
14	90W7SR1	5370	4906	10267
36	89P1CF2	5316	4933	10249
38	90I6SR1	5236	5013	10249
2	90W3PR1	5914	4326	10240
29	90I1CR2	5334	4879	10213
11	90SY2V2	5584	4603	10187
1177	5373 (XAM73)	5156	4960	10115
20	89I1CR2	5334	4665	9999
10	89I4CF2	5334	4269	9964
28	90P5SR1	5245	4719	9964
31	90N2CV2	5477	4460	9946
23	90W4PV1	5379	4531	9910
35	89I5SV1	5495	4398	9892
25	90SY1F2	5040	4852	9892
42	90N1CV2	5281	4496	9767
1	90P4CR2	5156	4612	9767
3	90W1CF2	4942	4763	9705
22	90W6PR1	5495	4192	9687
1001	SARANAC	5477	4210	9678
1176	5472 (XAL72)	4772	4852	9625
1088	5432	5281	4353	9625
13	90N5PR1	5245	4371	9625
1074	ARROW	5058	4549	9606
34	90I2CR2	5102	4479	9589
1191	XAE92 (5246)	5146	4433	9580
9055	5311	4897	4603	9500
40	90SY4F2	4852	4638	9500
9	90N4SR1	4808	4585	9393
33	90SY5V2	4968	4406	9375
1117	5262	4995	4317	9321
1259	YAL07 (90N6PR1)	5013	4291	9312
5	89P5PF1	5022	4255	9277
8	90P2CV2	4870	4389	9268

19	90W5PV1	5147	4059	9205
32	90P6SR1	5316	3827	9134
41	90P7CV2	5263	3827	9089
7	90N3CR2	4612	4255	8866
9012	VERNAL	4406	3862	8269
HARVEST MEANS		5388	4683	10071
CV %		16.2	12.2	12.2
LSD (5%)		1235	808	1743

Fairview Research Farms, seeded 1990,
harvested 1992, Harriston

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1148 870S	6010	3880	9890
1222 8638C	6130	4080	10210
1223 8713A	5960	3810	9770
1217 8737N	6270	4080	10350
1074 ARROW	5690	3780	9470
1039 EXCALIBUR	6290	3730	10020
1001 SARANAC	5860	3920	9780
9002 120	6210	3630	9840
HARV MEANS	6053	3864	9916
CV %	5.6	5.5	3.8
LSD (5%)	502	313	555

Fairview Research Farms, seeded 1991,
harvested 1992, Harriston

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1074 ARROW	5480	3010	8490
1001 SARANAC	5420	3030	8450
9002 120	5400	2850	5250
1138 LEGEND	5640	3360	9000
1255 GG92/PHS 9	5400	2890	8290
HARV MEANS	5468	3028	7896
CV %	6.0	8.5	4.2
LSD (5%)	508	395	555

Alfalfa registration trial E, seeded 1991,
harvested 1992, Elora

*Data from third and fourth production years from this trial will be used
for OFCC variety considerations

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1001 SARANAC	7219	3899	11118
1074 ARROW	7139	4840	11979
1233 PS90-6	7468	5103	12572
1243 WEBFOOT-MPR	7318	5432	12750
1260 YAE05	6546	4269	10815
1261 83CFO42	7088	4955	12043
1264 90788	6641	4417	11058
1267 BEAVER	7488	4360	11849
1268 SPREDOR II	6984	4135	11119
9002 120	7825	5273	13098
9004 IROQUOIS	7804	4938	12743
9006 OAC MINTO	6850	4803	11654
HARV MEANS	7198	4702	11900
CV %	8.5	15.6	8.3
LSD (5%)	734.4	878.2	1186.0

Northrup King alfalfa trial E, seeded 1991,
harvested 1992, London

* Data from third and fourth production years from this trial will be
used for OFCC variety considerations

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1 HEINRICHS	12333	7959	20292
2 NK EXP B	12436	8658	21095
3 NK EXP C	12667	8724	21391
1001 SARANAC	12086	9140	21226
1074 ARROW	12058	8432	20490
1264 90788	12506	8436	20942
1267 BEAVER	11979	8551	20531
1268 SPREDOR II	12609	8852	21461
9002 120	12638	9185	21823
HARV MEANS	12368	8660	21028
CV %	3.7	6.9	3.0
LSD (5%)	488.5	643.7	684.3

Northrup King alfalfa trial E, seeded 1991,
harvested 1992, Wroexter

* Data from third and fourth production years from this trial will be
used for OFCC variety considerations

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
1 HEINRICHS	8860	5008	13868
2 NK EXP B	9214	5547	14762
3 NK EXP C	9778	5630	15407
1001 SARANAC	8329	5864	14193
1074 ARROW	9963	5346	15309
1264 90788	10267	5144	15412
1267 BEAVER	7716	4905	12621
1268 SPREDOR II	10257	5342	15599
9002 120	9305	5922	15226
HARV MEANS	9299	5412	14711
CV %	14.3	12.5	10.6
LSD (5%)	1429.7	725.7	1676.6

Alfalfa Wet Soil, trial F, seeded 1991,
HEAVING DATA

Heaving distance (cm), 1991 seeding, 1992 spring data, Elora

ENTRY	DISTANCE (cm)
1001 SARANAC	3.4
1074 ARROW	3.0
1225 WEBFOOT	2.2 *
1243 WEBFOOT MPR	3.1
1267 BEAVER	3.8
1268 SPREDOR II	2.9
9002 120	3.6
9004 IROQUOIS	3.4
9006 OAC MINTO	3.6
CHECK MEAN	3.3
LSD (5%) among checks	0.71
LSD (5%) comparison to check mean	0.50

* SIGNIFICANTLY LESS THAN CHECK MEAN, ($P < 0.05$)

Alfalfa 3rd-4th year performance trials, seeded 1989, harvested 1992,
individual location covariance analyses.

Source	df	Ridgetown	Elora	New Liskeard	Thunder Bay
Varieties	67	71216 NS	90970 **	251171 **	118393 **
Blocks	1	2770 NS	38142 NS	80100 NS	320304 NS
Covariates	2	10363300 **	1145506 **	5014552 **	5046300 **
Error	65	63472	36546	104918	57570
Mean (kg/ha)		3057	3288	4094	3571
CV		8.2 %	5.8 %	7.9 %	6.7 %
LSD (0.05)		421.0	319.4	541.3	400.9
Efficiency (rel. to RCBD)		272 %	155 %	583 %	213 %

Alfalfa 3rd-4th year performance trials, seeded 1989, harvested 1992, entry x
location mean yield (kg/ha) and mean across locations expressed as a % of
Saranac, Excalibur and Arrow.

Variety	Yield (kg/ha)				% of checks
	Ridgetown	Elora	New Liskeard	Thunder Bay	
1001 SARANAC	2818	3050	3538	3579	94
1003 ANCHOR	3159	3463	4106	3411	102
1004 ANGUS	2793	3430	3519	3618	96
1006 APICA	3104	3307	3802	3400	98
1009 BLAZER	3327	3355	4139	3825	106
1011 CITATION	2781	3005	4081	3444	95
1012 CLASSIC	3059	3324	4223	3131	99
1014 HUNTER	2967	3105	3584	3246	93
1016 PEAK	2950	3597	4101	3759	104
1017 532	2744	3188	4055	3735	98
1018 PRIMAL	2860	3020	3489	3274	91
1019 REGAL	2961	3212	4102	3300	97
1020 SPECTRUM	3042	3055	3644	3332	94
1021 THOR	2987	3059	4854	3694	104
1023 TRUMPETOR	3159	3415	4329	3852	106
1024 TURBO	3045	3163	4162	3763	101
1025 VISTA	2785	3040	3367	3633	93
1028 ALOUETTE	2877	3491	3655	3716	99
1030 ARMOR	3110	3491	4239	3697	104
1033 PRESERVE	2944	2945	3874	3159	93
1039 EXCALIBUR	3099	3031	4400	3583	101
1040 DK-135	2937	3301	3652	3480	96
1046 AWARD	2730	3536	3960	3941	102
1047 APOLLO II	3313	3070	3769	3794	101
1048 WL 316	2997	3041	4330	3588	100
1052 HUSKY	3063	3227	4417	3620	103
1053 EAGLE	3152	2780	4124	3125	95
1055 ADVANCE	2968	3112	3960	3309	96
1056 88	3015	3084	4178	3645	100
1057 ADMIRAL	2961	3236	4079	3404	98
1063 MAGNUM PL	3453	3340	3880	3442	102

3246

100
109

1067 CRUSADER	2914	3262	4261	3352	99
1071 BELL RING	2942	3470	4461	3645	104
1073 SURPASS	3104	3492	4006	3737	103
1074 ARROW	3192	3773	4322	3353	105
1076 G-2852	3192	3233	3896	3368	99
1078 EDGE	3466	3179	4118	3431	102
1079 TOMAHAWK	3016	3650	4479	3398	104
1082 PINNACLE	3290	3278	4333	3324	102
1084 VERTA +	3284	3509	4326	3214	103
1085 DK-125	3208	3231	4785	3499	105
1092 CHIEF	3155	3235	4043	3066	97
1094 NAPB 26B	3147	3409	4424	3929	107
1096 HORIZON	2678	3332	4277	3619	99
1099 Ht55	2925	3214	3935	3725	99
9001 ALGONQUIN	2910	2781	3594	3317	91
9002 120	2844	3210	4533	3770	102
9003 GLORY	3178	3147	4032	3803	102
9004 IROQUOIS	3126	3199	4156	3511	101
9005 MAGNUM	3289	3415	4005	3908	105
9006 OAC MINTO	3140	3547	3806	3824	103
9009 526	3153	3451	4514	3919	108
9011 VALOR	3065	3228	4481	3784	104
9015 THUNDER	3148	3129	3852	3248	96
9018 WL 222	3115	3546	3852	3805	103
9022 OLINDA	3528	3469	3834	3821	106
9023 COMSEL	2726	3006	3896	3777	96
9027 NOBLE	2800	3197	3707	3587	96
9032 AMBASSADO	3070	3307	4482	3969	106
9040 MOHAWK	2960	3194	2993	3348	91
9041 ONEIDA VR	2793	3455	4447	3608	102
9048 VICTORY	2948	3433	4347	4071	106
9050 SURE	3094	3256	4387	3676	103
9051 SHIELD	3497	3505	4053	3831	108
9052 CROWN	3180	3474	4457	3452	105
9053 CENTURION	3234	3403	4533	3891	108
9055 5311	3117	3735	4481	3191	104
9062 ULTRA	3306	3735	4686	3524	109
Mean	3057.3	3287.7	4094.2	3570.5	

Alfalfa performance trial A, seeded 1989,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
9018 WL 222	4483	4446	8928
9062 ULTRA	4180	4618	8798
9002 120	4164	4560	8724
1025 VISTA	3940	4622	8562
9009 526	4023	4507	8529
1046 AWARD	4047	4439	8486
9004 IROQUOIS	4150	4306	8456
1017 532	4030	4422	8452
9006 OAC MINTO	4042	4327	8369
9052 CROWN	3817	4468	8284
1074 ARROW	3900	4369	8269
1079 TOMAHAWK	3766	4427	8192
9003 GLORY	3667	4437	8104
1023 TRUMPETOR	3771	4263	8034
9015 THUNDER	3655	4343	7997
9051 SHIELD	3546	4451	7997
1001 SARANAC	3743	4199	7942
1033 PRESERVE	3455	4428	7883
1067 CRUSADER	3721	4127	7848
1030 ARMOR	3758	4076	7834
1039 EXCALIBUR	3265	4352	7617
9001 ALGONQUIN	3657	3951	7608
1055 ADVANCE	3431	4092	7523
HARV MEANS	3835	4358	8193
LSD (.05)	222.2	123.9	299.2
C.V. (%)	9.2	4.6	5.9

Alfalfa performance trial B, seeded 1989,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
9011 VALOR	4645	4960	9605
1016 PEAK	4331	4901	9232
1009 BLAZER	4065	4822	8887
9002 120	3705	4934	8639
1073 SURPASS	3826	4800	8626
9050 SURE	3707	4819	8526
1021 THOR	3906	4583	8489
9032 AMBASSADO	3568	4883	8451
9023 COMSEL	3851	4595	8446
9040 MOHAWK	3805	4593	8398
1057 ADMIRAL	3702	4681	8383
1028 ALOUETTE	3621	4755	8377
1084 VERTA +	3577	4797	8374
1012 CLASSIC	3589	4722	8312
1006 APICA	3868	4434	8301
1056 88	3527	4772	8299
9027 NOBLE	3613	4670	8283
1071 BELL RING	3561	4713	8273
1063 MAGNUM +	3592	4633	8225
1001 SARANAC	3639	4534	8173
1039 EXCALIBUR	3288	4792	8080
1048 WL 316	3532	4526	8057
1078 EDGE	3359	4618	7977
1014 HUNTER	3244	4387	7631
1053 EAGLE	2993	4333	7326
HARV MEANS	3684	4690	8375
LSD (.05)	200.6	114.3	236.8
C.V. %	9.3	4.1	4.8

Alfalfa performance trial C, seeded 1989,
harvested 1992, New Liskeard

CULTIVAR	MEAN YIELD (kg/ha)		
	CUT 1	CUT 2	TOTAL
9002 120	4138	5167	9305
1003 ANCHOR	4302	4926	9228
9041 ONEIDA	4152	4722	8874
1004 ANGUS	3931	4779	8710
1052 HUSKY	3838	4831	8670
9022 OLINDA	3913	4651	8564
1024 TURBO	3603	4918	8521
9005 MAGNUM	3851	4641	8492
9053 CENTURION	3699	4730	8428
1011 CITATION	3624	4800	8424
1082 PINNACLE	3656	4759	8415
1018 PRIMAL	3601	4711	8311
1076 G 2852	3637	4668	8305
1085 DK-125	3375	4870	8245
1039 EXCALIBUR	3308	4840	8148
1020 SPECTRUM	3722	4395	8117
1001 SARANAC	3428	4651	8079
1047 APOLLO II	3485	4500	7985
1092 CHIEF	3267	4611	7879
1040 DK-135	3281	4531	7812
1019 REGAL	3298	4430	7728
HARV MEANS	3672	4720	8392
LSD (5%)	247.1	129.3	310.8
C.V. %	10.2	4.2	5.6

Phytophthora Root Rot Test, Ottawa, 1992,
Mean Over Ten Replications

ENTRY	DSI	% Resistance ADJUSTED
1000 AGATE	1.62	43.0
1001 SARANAC	3.10	24.9
1002 DUPUIITS	4.08	13.8
1055 ADVANCE	1.89	39.6
1289 SL 9206	1.32	46.5
1290 SL 9207	1.28	46.6
LSD (0.05)	0.43	10.5

Verticillium Wilt Trial; 1991 Entries
1992 Test, Guelph

ENTRY	ADJUSTED %R	DSI
1002 DuPuits	4.3	4.59
1007 Vertus	40.0	2.49
1249 90791	48.6	2.26
1250 90792	46.8	2.30
1251 NK91-1	39.4	2.66
1252 NK91-2	32.6	3.09
1228 PS90-3	36.9	2.85
1265 SL9117	15.4	3.88
1266 SL9118	30.2	3.29
1236 A9004	47.4	2.23
LSD (5%)		.37

Verticillium Wilt Trial; 1992 Entries
1992 Test, Guelph

CULTIVAR	ADJUSTED % R	DSI
1001 SARANAC	6.5	4.5
9012 VERNAL	6.5	4.6
1007 VERTUS	40.0	2.7
1289 SL 9206	41.4	2.9
1290 SL 9207	27.6	3.5
1291 92-20	41.4	2.8
LSD (5%)		0.5

Bacterial Wilt Test, Ottawa 1992,
Mean Over Eight Replications

ENTRY	DSI	% Resistance	
		UNADJUSTED	ADJUSTED
1214 DS 9011	0.7	75.4	51.3
1220 86-124	0.7	74.2	50.5
1221 85-5	0.8	69.0	47.0
1228 PS 90-3	0.7	77.2	52.6
1236 A9004	0.7	78.0	53.1
1249 90791	1.0	62.9	42.8
1250 90792	0.9	73.2	49.8
1251 NK 91-1	0.9	70.4	47.9
1252 NK 91-2	0.8	72.8	49.6
1265 DS 9117	0.7	73.9	50.3
1266 DS 9118	0.6	80.5	54.8
1289 SL 9206	1.1	60.9	41.5
1290 SL 9207	0.8	72.1	49.1
1292 ALFAGRAZE	0.7	72.9	49.6
1001 SARANAC	0.8	74.1	50.4
1002 DUPUIITS	2.3	30.9	21.0
9012 VERNAL	1.0	61.7	42.0
LSD (0.05)	0.48	17.3	

NOTE: The % resistance values are higher than anticipated for the checks. Caution should be used if the % resistance value is to be used. All test varieties (other than DuPuits) did not differ from Vernal in terms of DSI.

TIMOTHY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended in Publication 296

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

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
6093	81009	Pickseed	Support for reg., defer (1)	-
6102	Syn S	UCO	Support for reg., defer (4)	22
6106	Promesse	Brett-Young	No support 92, testing completed	15
6107	EPHP 10	Brett-Young	No support 92, testing completed	7
6108	EPHP 18	Brett-Young	No support 92, testing completed	15
6109	NY83-1	UCO	Support for reg., defer (2)	15
6110	NY83-2	UCO	No support 92, testing completed	15
6111	PXTE-01	Ottawa	No support 92, testing completed	15
6112	PXTE-02	Ottawa	No support 92, testing completed	15
6113	PXTE-04	Ottawa	No support 92, testing completed	15
6114	SV8414	Bonis	No support 92, re-examine 93	10
6115	SV8406	Bonis	No support 92, re-examine 93	10
6116	SV8505	Bonis	No support 92, re-examine 93	10
6117	Alex	Brett-Young	No support 92, re-examine 93	10
6118	Extremo	Brett-Young	No support 92, re-examine 93	10
6119	Liphlea	Brett-Young	No support 92, re-examine 93	10
6120	PXTE-05	Ottawa	No support 92, re-examine 93	10
6121	T120	Oseco		2
6122	RVP03	Oseco		2
6123	TM8601	N.K.		2
6124	HT31	Pickseed		2
6125	PXTI-04	Ottawa		0
6126	PXTI-20	Ottawa		0
6127	PXTF-06	Ottawa		0
6128	SF8307A	Ste Foy		0
6129	SF8601	Ste Foy		0
6130	SF8605	Ste Foy		0

1988 Timothy registration New Liskeard
1992 dry matter yield (kg/ha)

entry	code	cut 1
Climax	6002	5536
Timfor	6040	5235
Normax	6066	5420
WWT 118	6097	5589
TM 85-1	6098	5143
TM 85-2	6099	5818
Lirocco	6100	5274
Hokusen	6101	5777
Syn-S	6102	5309
PXTA-01	6103	4854
PXTA-04	6104	5601
PXTA-09	6105	5541
mean		5425
CV (%)		11.6

1989 Timothy registration Elora
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	4519	4548	9067
Timfor	6040	4343	4560	8903
Normax	6066	4300	4953	9253
Hokusen	6101	4278	4870	9148
Syn-S	6102	4916	5184	10100
PXTA-01	6103	4673	4460	9133
PXTA-04	6104	4345	4700	9045
PXTA-09	6105	4305	4436	8741
Promesse	6106	4543	3682	8225
EPHP 10	6107	4665	4068	8733
EPHP 18	6108	4085	3709	7794
NY 83-1	6109	4409	4114	8523
NY 83-2	6110	4369	4678	9047
PXTE-01	6111	4654	4605	9259
PXTE-02	6112	4164	4615	8779
PXTE-04	6113	4657	3922	8579
mean		4452	4444	8896
CV (%)		5.3	9.1	5.6

1989 Timothy registration Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	2558	1336	3894
Timfor	6040	2587	1353	3940
Normax	6066	2966	1371	4337
Hokusen	6101	2361	1538	3899
Syn-S	6102	2958	1390	4348
PXTA-01	6103	2921	1196	4117
PXTA-04	6104	2359	1114	3473
PXTA-09	6105	2013	981	2994
Promesse	6106	2182	926	3108
EPHP 10	6107	2367	1170	3537
EPHP 18	6108	2444	643	3087
NY 83-1	6109	2972	1222	4194
NY 83-2	6110	2536	1161	3697
PXTE-01	6111	2959	1414	4373
PXTE-02	6112	1916	1067	2983
PXTE-04	6113	2728	1319	4047
mean		2552	1200	3752
CV (%)		11.6	14.1	9.7

1990 Timothy registration Ridgetown
1992 dry matter yield (kg/ha)

entry	code	cut 1
Climax	6002	7550
Timfor	6040	7734
Promesse	6106	7448
EPHP 18	6108	6926
NY 83-1	6109	6801
NY 83-2	6110	6521
PXTE-01	6111	7815
PXTE-02	6112	6371
PXTE-04	6113	7500
SV8414	6114	7843
SV8406	6115	6962
SV8505	6116	7230
Axel	6117	8043
Extremo	6118	8675
Liphlea	6119	8354
PXTE-05	6120	7342
mean		7445
CV (%)		7.4

1990 Timothy registration Ottawa
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	6649	6224	12873
Timfor	6040	6116	6986	13102
Promesse	6106	6306	4889	11195
EPHP 18	6108	5210	4278	9488
NY 83-1	6109	6263	6108	12371
NY 83-2	6110	6234	5994	12228
PXTE-01	6111	5654	6170	11824
PXTE-02	6112	5958	6132	12090
PXTE-04	6113	6590	6403	12993
SV8414	6114	6097	6066	12163
SV8406	6115	6135	6020	12155
SV8505	6116	5889	6250	12139
Axel	6117	5932	6573	12505
Extremo	6118	6727	5862	12589
Liphlea	6119	6170	6350	12520
PXTE-05	6120	6482	6169	12651
mean		6151	6030	12180
CV (%)		5.1	5.3	3.8

1990 Timothy registration Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	3996	1705	5701
Timfor	6040	3985	1739	5724
Promesse	6106	3458	1450	4908
EPHP 18	6108	4346	1658	6004
NY 83-1	6109	3984	1701	5685
NY 83-2	6110	4017	1452	5469
PXTE-01	6111	3923	1406	5329
PXTE-02	6112	3743	1507	5250
PXTE-04	6113	3146	1643	4789
SV8414	6114	3842	1274	5116
SV8406	6115	4120	1415	5535
SV8505	6116	3755	1485	5240
Axel	6117	3616	1514	5130
Extremo	6118	3113	1559	4672
Liphlea	6119	3545	1482	5027
PXTE-05	6120	3609	1525	5134
mean		3762	1532	5295
CV (%)		8.8	13.8	7.8

1990 1992	Timothy registration dry matter yield (kg/ha)	New Liskeard
entry	code	cut 1
Climax	6002	6340
Timfor	6040	6216
Promesse	6106	6458
EPHP 18	6108	6510
NY 83-1	6109	6433
NY 83-2	6110	6426
PXTE-01	6111	5443
PXTE-02	6112	6420
PXTE-04	6113	5027
SV8414	6114	6358
SV8406	6115	6058
SV8505	6116	6984
Axel	6117	5962
Extremo	6118	5099
Liphlea	6119	6452
PXTE-05	6120	5478
mean		6104
CV (%)		9.2

1991 1992	Timothy registration dry matter yield (kg/ha)	Elora		
entry	code	cut 1	cut 2	Total
Climax	6002	7075	6064	13139
Timfor	6040	6576	6417	12993
SV8414	6114	7055	6259	13314
SV8406	6115	7172	6114	13286
SV8505	6116	7307	6102	13409
Axel	6117	6856	6103	12959
Extremo	6118	7107	5479	12586
Liphlea	6119	7123	6131	13254
PXTE-05	6120	6539	5512	12051
T120	6121	6706	5958	12664
RVP03	6122	6425	5560	11985
TM8601	6123	7127	6325	13452
HT 31	6124	6198	5855	12053
mean		6867	5991	12857
CV (%)		5.5	8.8	4.9

1991	Timothy registration	Thunder Bay		
1992	dry matter yield (kg/ha)			
entry	code	cut 1	cut 2	Total
Climax	6002	5317	4658	9975
Timfor	6040	5510	4714	10224
SV8414	6114	5378	4060	9438
SV8406	6115	5098	3840	8938
SV8505	6116	5531	4112	9643
Axel	6117	5264	4143	9407
Extremo	6118	5667	3543	9210
Liphlea	6119	5691	3789	9480
PXTE-05	6120	5394	3680	9074
T120	6121	5843	3435	9278
RVP03	6122	5439	3479	8918
TM8601	6123	5247	4177	9424
HT 31	6124	5072	3866	8938
mean		5419	3961	9381
CV (%)		7.5	10.7	6.0

1990	Timothy performance	Elora		
1992	dry matter yield (kg/ha)			
entry	code	cut 1	cut 2	Total
Climax	6002	5344	5446	10790
Champ	6005	4764	4533	9297
Basho	6009	5148	4829	9977
Itasca	6026	5377	5293	10670
Toro	6030	5524	5313	10837
Timfor	6040	5110	5430	10540
Richmond	6050	5840	4750	10590
Salvo	6062	5203	4217	9420
Glenmor	6074	4777	5162	9939
Winmor	6075	5166	5387	10553
Mariposa	6081	5616	4995	10611
Alexander	6086	5347	5180	10527
mean		5268	5045	10313
CV (%)		7.0	9.4	6.5

1990	Timothy performance	Ottawa		
1992	dry matter yield (kg/ha)			
entry	code	cut 1	cut 2	Total
Climax	6002	6132	5864	11996
Champ	6005	5954	6132	12086
Basho	6009	6061	6140	12201
Itasca	6026	6255	6515	12770
Toro	6030	6327	6447	12774
Timfor	6040	6552	6663	13215
Richmond	6050	5950	6211	12161
Salvo	6062	6643	6549	13192
Glenmor	6074	6379	5600	11979
Winmor	6075	6305	6610	12915
Mariposa	6081	6234	6158	12392
Alexander	6086	6132	6445	12577
mean		6244	6278	12522
CV (%)		7.2	8.0	5.7

1991 Timothy performance Ridgetown
1992 dry matter yield (kg/ha)

entry	code	cut 1
Climax	6002	5699
Champ	6005	7135
Bounty	6006	5570
Basho	6009	6887
Itasca	6026	6813
Toro	6030	7560
Timfor	6040	6594
Richmond	6050	7936
Salvo	6062	7279
Glenmor	6074	6208
Winmor	6075	5733
Mariposa	6081	7363
Alexander	6086	7150
Nike	6087	6905
Tiller	6091	7367
Argus	6095	6720
Carola	6097	7403
mean		6842
CV (%)		9.2

1991 Timothy performance Ridgetown
1992 dry matter yield (kg/ha)

entry	code	cut 1
Climax	6002	8042
Champ	6005	7620
Bounty	6006	7154
Basho	6009	7355
Itasca	6026	8004
Toro	6030	7303
Timfor	6040	7832
Richmond	6050	7355
Salvo	6062	6940
Glenmor	6074	7112
Winmor	6075	7601
Mariposa	6081	7633
Alexander	6086	7785
Nike	6087	7489
Tiller	6091	7178
Argus	6095	8446
Carola	6097	8842
mean		7629
CV (%)		7.9

1991 Timothy performance Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	3463	3395	6858
Champ	6005	4247	2599	6846
Bounty	6006	3336	2691	6027
Basho	6009	4017	3090	7107
Itasca	6026	3749	2683	6432
Toro	6030	3603	3159	6762
Timfor	6040	3944	2682	6626
Richmond	6050	3698	2856	6554
Salvo	6062	3467	2695	6162
Glenmor	6074	3559	2982	6541
Winmor	6075	3309	3049	6358
Mariposa	6081	3763	2560	6323
Alexander	6086	3635	3059	6694
Nike	6087	3377	2660	6037
Tiller	6091	3015	2673	5688
Argus	6095	3397	2607	6004
Carola	6097	3572	3089	6661
mean		3597	2855	6452
CV (%)		8.4	10.2	5.5

1991 Timothy performance Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Climax	6002	4134	2433	6567
Champ	6005	5197	2527	7724
Bounty	6006	4379	2205	6584
Basho	6009	4643	2321	6964
Itasca	6026	4771	2126	6897
Toro	6030	4204	2560	6764
Timfor	6040	4894	2250	7144
Richmond	6050	4050	2233	6283
Salvo	6062	4093	2622	6715
Glenmor	6074	4121	2280	6401
Winmor	6075	4498	2093	6591
Mariposa	6081	4036	2423	6459
Alexander	6086	3963	2426	6389
Nike	6087	4189	2053	6242
Tiller	6091	3799	3061	6860
Argus	6095	4486	2176	6662
Carola	6097	4369	2005	6374
mean		4343	2341	6684
CV (%)		8.9	8.7	6.7

ORCHARDGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Hallmark	Kay	Napier	Rapido	Benchmark
Juno	Mobite	Rancho	Sumas	DS 7
Okay				

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
3073	OSG 13	U. of Guelph	Support for reg., defer (3)	17
3074	OSG 16	U. of Guelph	Support for reg., defer (3)	23
3078	PXOD 01	Ottawa	Support for reg., defer (3)	15
3080	PXOE 01	Ottawa	No support 92, testing completed	11
3082	8901	UCO	No support 92, re-examine 93	6
3083	PXOE-02	Ottawa	No support 92, re-examine 93	6
3084	PXOE-03	Ottawa	No support 92, re-examine 93	6
3085	PXOE-04	Ottawa	No support 92, re-examine 93	6
3086	OG8705	UCO		1
3087	Weibull H94	Oseco		0
3088	PXOF-21	Ottawa		0
3089	PXOF-37	Ottawa		0
3090	PX0I-10	Ottawa		0

1990 Orchardgrass registration Elora
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Juno	3001	6137	2504	1744	10385
Kay	3003	5655	2755	1558	9968
Napier	3009	5874	2664	1850	10388
Hallmark	3027	5641	2986	1929	10556
Sumas	3046	5903	2714	1836	10453
Rapido	3066	6142	3098	2031	11271
Rancho	3069	5850	2884	1823	10557
Okay	3079	5518	3054	1795	10367
PXOE-01	3080	4310	3266	1485	9061
8901	3082	5347	3158	1774	10279
PXOE-02	3083	4504	3559	1395	9458
PXOE-03	3084	4662	3013	1377	9052
PXOE-04	3085	4633	3053	1286	8972
mean		5398	2978	1683	10059
CV (%)		8.1	8.0	14.1	7.0

1991 Orchardgrass registration Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Juno	3001	3436	2918	1930	8284
Kay	3003	4240	2580	1557	8377
Napier	3009	3328	2804	2142	8274
Hallmark	3027	3093	3069	2420	8582
Sumas	3046	3569	2877	2158	8604
Rapido	3066	3296	3088	2352	8736
Rancho	3069	3359	2505	1866	7730
8901	3082	3398	2735	2071	8204
PXOE-02	3083	3320	2505	1332	7157
PXOE-03	3084	3610	3137	2153	8900
PXOE-04	3085	3974	2426	1362	7762
OG8705	3086	3245	2527	2075	7847
Mobite	3076	3218	2649	1994	7861
mean		3468	2755	1955	8178
CV (%)		9.5	7.4	9.9	7.2

BROMEGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Baylor Beacon Bravo Saratoga Tempo Radison

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
2046	Kesto	Speare	No support 92, testing completed	13
2047	PXBD 01	Ottawa	Support for reg., defer (2)	13
2049	86B	Szego	Support for reg., defer (1)	11
2050	Rebound	Zuelzer	No support 92, re-examine 93	7
2052	PXBD-28	Ottawa		0

1989 Brome grass registration New Liskeard
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Tempo	2024	5678	4850	10528
Saratoga	2002	5267	5054	10321
Bravo	2039	5497	5134	10631
Beacon	2027	5920	5198	11118
Baylor	2001	4941	5094	10035
Kesto	2046	5030	4705	9735
PXBD-01	2047	4931	5240	10171
86B	2049	5524	4972	10496
mean		5349	5031	10379
CV (%)		8.8	4.8	6.2

1990 Brome grass registration Elora
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Tempo	2024	6218	3306	982	10506
Saratoga	2002	6225	3684	1196	11105
Bravo	2039	6802	3729	1167	11698
Beacon	2027	6835	3893	945	11673
Baylor	2001	6017	3228	1111	10356
Kesto	2046	6032	3048	900	9980
PXBD-01	2047	5644	3594	946	10184
86B	2049	6147	3174	1128	10449
Rebound	2050	6114	3419	1243	10776
Radison	2051	6365	3424	1011	10800
mean		6240	3450	1063	10753
CV (%)		5.8	12.0	9.1	4.4

1990 1992	Bromegrass registration dry matter yield (kg/ha)	Ottawa		
entry	code	cut 1	cut 2	Total
Tempo	2024	7759	4801	12560
Saratoga	2002	7262	5124	12386
Bravo	2039	7296	5422	12718
Beacon	2027	8178	6635	14813
Baylor	2001	7283	6029	13312
Kesto	2046	7123	4933	12056
PXBD-01	2047	6784	6762	13546
86B	2049	8120	5404	13524
Rebound	2050	5659	4879	10538
Radison	2051	7313	6577	13890
mean		7278	5657	12934
CV (%)		15.0	11.2	9.2

1991 1992	Bromegrass registration dry matter yield (kg/ha)	New Liskeard		
entry	code	cut 1	cut 2	Total
Tempo	2024	4195	5195	9390
Saratoga	2002	5304	5674	10978
Bravo	2039	5698	5696	11394
Beacon	2027	5925	6491	12416
Baylor	2001	5149	5881	11030
86B	2049	5518	5957	11475
Rebound	2050	5305	5728	11033
Radison	2051	6095	6273	12368
mean		5399	5862	11261
CV (%)		6.4	6.6	5.9

TALL FESCUE VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Stef	Courtenay	Phyter
Festorina		

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
5522	Syn A			
	(AC Graze)	Pickseed	Support for reg., defer (4)	22
5524	FA 8CD	Oseco	Support for reg., defer (1)	20
5525	TF-1	Richardson	Support for reg., defer (1)	20
5526	MCF101	Macdonald	Support for reg., defer (2)	15
		College		
5527	MCF102	Macdonald	Support for reg., defer (2)	15
		College		
5528	TF8872	Oseco	Support for reg., defer (1)	9

1989 Tall fescue registration Elora
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Syn W	5516	4360	4207	1756	10323
Stef	5517	3709	4668	1820	10197
Martin	5518	4339	3811	1841	9991
Festorina	5519	4015	4375	1831	10221
FA 293	5520	3586	4692	1928	10206
FA 295	5521	3520	4494	1878	9892
Ac Graze	5522	3269	4454	1632	9355
Courtenay	5523	3119	4485	1802	9406
FA 8CD	5524	3490	4435	1877	9802
TF-1	5525	3695	4134	1702	9531
MCF101	5526	3525	5006	1997	10528
MCF102	5527	4021	4745	1958	10724
mean		3721	4459	1835	10015
CV (%)		16.2	10.9	12.5	10.5

1990 Tall fescue registration Ridgetown
1992 dry matter yield (kg/ha)

entry	code	cut 1
Syn W	5516	7864
Stef	5517	5773
Festorina	5519	8044
Ac Graze	5522	6027
Courtenay	5523	6246
FA 8CD	5524	6455
TF-1	5525	8301
MCF101	5526	5579
MCF102	5527	7553
TF8872	5528	8381
mean		7022
CV (%)		8.6

1990 Tall fescue registration Ottawa
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Syn W	5516	7178	5380	12558
Stef	5517	6857	5446	12303
Festorina	5519	7529	5852	13381
Ac Graze	5522	7670	5803	13473
Courtenay	5523	7622	5936	13558
FA 8CD	5524	8218	5414	13632
TF-1	5525	7693	5361	13054
MCF101	5526	7734	5769	13503
MCF102	5527	7779	5624	13403
TF8872	5528	7499	5937	13436
mean		7578	5652	13230
CV (%)		7.7	6.9	5.7

1990 Tall fescue registration Kapuskasing
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Syn W	5516	1710	1815	1563	5088
Stef	5517	2442	2704	1641	6787
Festorina	5519	1692	1638	1331	4661
Ac Graze	5522	2143	2215	1148	5506
Courtenay	5523	2764	2627	1698	7089
FA 8CD	5524	2588	1545	1684	5817
TF-1	5525	1895	1808	969	4672
MCF101	5526	3678	2825	1773	8276
MCF102	5527	3114	2290	1318	6722
TF8872	5528	2005	1443	1623	5071
mean		2403	2091	1475	5969
CV (%)		10.8	11.9	10.5	6.4

1991 Tall fescue registration Elora
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	cut 3	Total
Syn W	5516	7090	4270	2444	13804
Stef	5517	6962	5646	2600	15208
Festorina	5519	6785	5131	2802	14718
Ac Graze	5522	5190	5108	2484	12782
Courtenay	5523	6119	4702	2599	13420
FA 8CD	5524	5148	4409	2570	12127
TF-1	5525	7403	4400	2323	14126
MCF101	5526	7245	5653	2632	15530
MCF102	5527	7950	5482	2689	16121
TF8872	5528	7339	4078	2722	14139
mean		6723	4888	2587	14198
CV (%)		6.2	10.3	7.2	4.2

1991 Tall fescue registration Thunder Bay
1992 dry matter yield (kg/ha)

entry	code	cut 1	cut 2	Total
Syn W	5516	4510	3829	8339
Stef	5517	4349	4864	9213
Festorina	5519	4575	3548	8123
Ac Graze	5522	3459	4267	7726
Courtenay	5523	4200	4082	8282
FA 8CD	5524	4369	3962	8331
TF-1	5525	3698	3973	7671
MCF101	5526	4783	5011	9794
MCF102	5527	5597	4438	10035
TF8872	5528	4580	4242	8822
mean		4412	4222	8634
CV (%)		9.1	11.6	8.6

REED CANARY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Palaton Vantage Venture

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
5017	Bellevue	Pickseed		0

MEADOW FOXTAIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended in Publication 296

Mountain Dan

Varieties Under Test

None

BIRDSFOOT TREFOIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Empire	Leo	Bull
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Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
7031	RC4Syn2	U. of Guelph	Support for reg., defer (1)	--
7035	Bonnie	Oseco	No support 92, examine 93	9
7036	T384	U. of Guelph		5
7037	8 Syn3	U. of Guelph		4

TREFOIL VARIETY TEST 1991
New Liskeard College of Agricultural Technology

HARVEST YEAR: 1992
ALL YIELDS REPORTED AS kg/ha

VARIETY	CODE	FIRST CUT JUNE 30	SECOND CUT AUG 11	TOTAL YIELD
LEO	7001	4096	4195	8290
DAWN	7008	4371	3315	7685
BULL	7034	3607	3828	7635
EMPIRE	7003	3789	3667	7455
UPSTART	7033	3122	3755	6877
BONNIE	7035	2885	3373	6258
AVERAGE		3678	3689	7367
LSD(.05)		487.5 kg/ha	462.2 kg/ha	822.4 kg/ha
LSD(.01)		764.5 kg/ha	724.8 kg/ha	1289.6 kg/ha
C.V.		8.16 %	7.71 %	6.87 %

TREFOIL VARIETY TEST 1990
New Liskeard College of Agricultural Technology

HARVEST YEAR: 1992
ALL YIELDS REPORTED AS kg/ha

VARIETY	CODE	FIRST CUT JUNE 30	SECOND CUT AUG 11	TOTAL YIELD
BULL	7034	4745	4021	8766
LEO	7001	4477	3846	8323
8 SYN 3	7037	4298	3733	8031
EMPIRE	7003	4243	3659	7902
T 384	7036	4169	3580	7748
BONNIE	7035	3880	3429	7310
UPSTART	7033	3742	3558	7300
AVERAGE		4222	3689	7912
LSD(.05)		446.1 kg/ha	177.1 kg/ha	516.7 kg/ha
LSD(.01)		675.6 kg/ha	224.8 kg/ha	656.0 kg/ha
C.V.		7.47 %	3.39 %	4.62 %

TREFOIL REGISTRATION TRIAL, SEEDED 1991,
HARVESTED 1992, KAPUSKASING

already sowed

YIELD (Kg DM/ha)

CULTIVARS	CUT 1	CUT 2		TOTAL
BULL	3013	3780	7034	6793
LEO	2967	3638	7001	6605
DAWN	2080	3797	7008	5877
BONNIE	1956	3804	7035	5760
EMPIRE	1105	4562	7003	5667
UPSTART	1883	3728	7033	5611
MEAN	2167	3885		6052
C.V.%	12.9	10.6		5.9
F.	**	N.S.		**

TREFOIL

Ridgetown		Harvested 1992			Seeded 1991
		Mean Yield (kg/ha)			
Cultivar		Cut 1	Cut 2	Cut 3	Total
7001	LEO	6711	4036	3213	13960
7003	EMPIRE	5777	3658	3855	13290
7008	DAWN	6108	3925	3785	13819
7033	UPSTART	5691	4241	2945	12877
7034	BT 86-1	6412	4285	3558	14255
7035	BONNIE	5685	3826	3441	12952
Harv means		6064	3995	3466	13525
CV %		7.3	7.5	5.7	4.4
LSD (5%)		546.2	369.3	246.6	737.6

RED CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

Recommended Varieties

Arlington	Atlas	Florex	Persist	Prosper I
Concorde	Walter			

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
4057	MSR97 (Ram)	Mapleseed	Reg., defer (3)	7
4056	CRS4	Charlottetown	Support for reg., defer (2)	6
4063	Marathon	OFCC	No support 92, re-examine 93	12
4064	RCPopB	Coop	No support 92, testing completed	8
4065	CRS 6	Charlottetown	No support 92, testing completed	8
4066	OACRC487	U. of Guelph	Support for reg., defer (1)	8
4067	RC887	U. of Guelph	No support 92, re-examine 93	7
4068	AP89-R-01	Oseco	No support 92, re-examine 93	7
4069	PSRC-1	Pickseed	No support 92, re-examine 93	7
4070	PSR-008	Pickseed		2
4071	22291	Parsons		2
4072	WD 1919	Oseco		2
	(Rebel)			
4073	ABI90R-02	Oseco		2
4074	MCC 107	Macdonald College		0
4075	MCC 111	Macdonald College		0
4076	MCC 113	Macdonald College		0

Exp 7203 RED CLOVER TRIAL

Seeded 1990 THUNDER BAY

A:RCTB90.92

Harvested 1992

Mean Yield (kg/ha)

Cultivar	Cut 1	Cut 2	Total
4017 FLOREX	4984	2429	7413
4023 ARLINGTON	4192	3053	7245
4027 PROSPER I	4417	3119	7537
4034 PERSIST	4766	2390	7156
4036 ATLAS	4912	2825	7737
4054 CRS 2	4571	2705	7276
4055 WALTER	4251	3041	7293
4063 MARATHON	4537	3178	7715
4064 RCPopB	4552	3093	7645
4065 CRS 6	4379	2716	7095
4066 OAC RC487	4448	2707	7155
4067 RC887	4543	2827	7369
4068 AP89-R-01	4678	3179	7858
4069 PS RC-1	4444	3203	7646
Harv means	4548	2890	7439
CV %	7.9	12.9	7.2
LSD (5%)	428.6	446.4	640.3

RED CLOVER VARIETY TEST 1990
New Liskeard college of Agricultural Technology

A=RCNL 90.92

HARVEST YEAR: 1992

ALL YIELD REPORTED AS kg/ha

VARIETY	CODE	FIRST CUT JUNE 23	SECOND CUT AUG 11	TOTAL YIELD
OAC RC487	4066	2544	3525	6069
MARATHON	4063	2765	3286	6051
PS RC-1	4069	2532	3495	6027
WALTER	4055	2392	3545	5937
ARLINGTON	4023	2644	3226	5871
FLOREX	4017	2402	3435	5837
PROSPER 1	4027	2542	3097	5639
PERSIST	4034	2255	3356	5611
CRS 2	4054	2343	3167	5509
AP 89-R-0	4068	2194	3236	5430
ATLAS	4036	2212	3147	5358
CRS 6	4065	2143	3067	5210
RCPOP B	4064	1884	3157	5041
RC 887	4067	1756	3027	4783
AVERAGE		2329	3269	5598
LSD(.05)		306.0 kg/ha	161.5 kg/ha	362.3 kg/ha
LSD(.01)		426.4 kg/ha	225.0 kg/ha	504.8 kg/ha
C.V.		15.51%	5.83 %	7.64 %

Exp 1149 RED CLOVER 1991

Seeded 1991 RIDGETOWN

Harvested 1992

A:RCR91.92

Mean Yield (kg/ha)

Cultivar	Cut 1	Cut 2	Total
4017 FLOREX	7622	3922	11544
4023 ARLINGTON	7084	4005	11088
4027 PROSPER I	6762	3586	10348
4034 PERSIST	7660	3620	11279
4036 ATLAS	7322	4083	11405
4055 WALTER	7749	4006	11755
4067 RC887	7424	3775	11199
4068 AP89-R-01	7249	4023	11272
4069 PS RC-1	7575	4296	11871
4070 PSR008	8132	4169	12301
4071 22291	6915	3856	10771
4072 REBEL (WD191	7222	3974	11196
4073 ABI 90R-02	7370	3998	11368
Harv means	7391	3947	11338
CV %	7.2	8.1	7.0
LSD (5%)	640.4	385.3	949.5

RED CLOVER VARIETY TEST 1991
New Liskeard College of Agricultural Technology

A-RCNL 91.92

HARVEST YEAR: 1992
ALL MEANS REPORTED AS kg/ha

VARIETY	CODE	FIRST CUT JUNE 23	SECOND CUT AUG 11	TOTAL YIELD
FLOREX	4017	3806	4118	7924
PSR 008	4070	3504	4244	7749
ABI-90R-0	47073	3918	3787	7705
WALTER	4055	3271	4426	7697
PROSPER I	4027	3586	4110	7696
ARLINGTON	4023	3349	4339	7688
PERSIST	4034	3619	3873	7493
RC 887	4067	3069	4244	7313
AP 89-R-0	4068	3228	4031	7259
PSRC-1	4069	3347	3881	7228
ATLAS	4036	3420	3779	7199
REBEL	4072	3111	3929	7040
22291	4071	2815	4063	6878
AVERAGE		3388	4063	7451
LSD(.05)		282.7 kg/ha	219.3 kg/ha	371.1 kg/ha
LSD(.01)		396.9 kg/ha	307.8 kg/ha	520.9 kg/ha
C.V.		9.38 %	6.06 %	5.60 %

REVISED

Northrup King Seeds Ltd.
D. C. Red Clover Trial
London, Ontario

REVISED

Seeded 1991, Harvested 1992

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	Cut3	TOTAL
4077 87 - A 4221	4917	2394	2350	9661
4063 Marathon 4016	4739	2275	2190	9204
4034 Persist 4011	4555	2120	1975	8650
4055 Walter	4815	2333	2194	9342
4017 Florex	4829	2275	1965	9069
4036 Atlas	4872	2352	2110	9334
Harv Mean	4788	2292	2131	9210
LSD (5%)	253	190	206	369
CV%	4.0	6.3	7.3	3.0

WHITE CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1993

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 Yield Data</u>
8011	Sonja	Oseco	No support 92, testing completed	10
8012	Osceola	Szego	No support 92, re-examine 93	6
8013	Shasta	Szego	Support for reg. defer (1)	6
8014	Alice	Parsons	No support 92, re-examine 93 (decision under appeal)	9
8015	Cristal	Oseco		1

Exp 7202 WHITE CLOVER TRIAL

Seeded 1990 THUNDER BAY

Harvested 1992

A- WK 7890.92

Mean Yield (kg/ha)

Cultivar	Cut 1	Cut 2	Total
8004 MERIT	3465	1941	5406
8005 SACRAMENTO	3305	1772	5077
8007 CAL. LADINO	3305	1790	5095
8010 CANOPY	3284	1921	5205
8011 SONJA	3417	1871	5288
8012 OSCEOLA	3500	1811	5311
8013 SHASTA	3684	2172	5857
8014 ALICE	3509	1472	4981
8015 WHITE DUTCH	3405	1689	5093
Harv means	3430	1827	5257
CV %	9.7	15.1	9.0
LSD (5%)	280.7	231.9	398.4

WHITE CLOVER REGISTRATION TRIAL, SEEDED 1991

HARVESTED 1992, KAPUSKASING

YIELD (Kg DM/ha)

A- WCK 91-92

CULTIVARS	CUT 1	CUT 2	TOTAL
ALICE	1910	1145	8014 3055
CRISTAL	1796	1152	8016 2948
MERIT	1505	1174	8004 2679
CALIFORNIA	1335	1338	8007 2673
SHASTA	1498	1149	8013 2647
SACRAMENTO	1218	1397	8005 2615
CANOPY	1171	1330	8010 2501
OSCEOLA	851	1208	8012 1913
W. DUTCH	801	1092	8015 1893
MEAN	1343	1221	2547
C.V.%	10.3	10.1	6.9
F	**	N.S.	**
L.S.D. 5%	239	212	304

A=WCELOK 89.92

EXP 2652 OFCC WHITE CLOVER TRIAL, Seeded 1989, Notes 1992. ELORA.

% GROUND COVER

CULTIVAR	CUT 1	TOTAL
8004 MERIT	41	41
8005 SACRAMENTO	26	26
8007 CAL. LADINO	19	19
8011 SONJA	66	66
8014 ALICE	89	89
8015 WHITE DUTCH	71	71
Mean	52	52
CV %	30.3	30.3
LSD (5%)	13.4	13.4

A=WCELOK 90.92

Exp 2664 OFCC WHITE CLOVER, Seeded 1990, Notes 1992. ELORA.

% GROUND COVER

CULTIVAR	CUT 1	TOTAL
8004 MERIT	68	68
8005 SACRAMENTO	45	45
8007 CAL. LADINO	38	38
8010 CANOPY	11	11
8011 SONJA	38	38
8012 OSCEOLA	28	28
8013 SHASTA	40	40
8014 ALICE	88	88
8015 WHITE DUTCH	45	45
Harv means	44	44
CV %	29.5	29.5
LSD (5%)	15.8	15.8