

ONTARIO FORAGE CROP INVESTIGATIONS



1995 REPORT ON FIELD TRIALS OF VARIETIES AND MIXTURES

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

1995 REPORT ON FORAGE CROPS TRIALS

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Conducted co-operatively by:

The Ontario Ministry of Agriculture, Food and Rural Affairs; The Crop Science Department, University of Guelph; and Agriculture and Agri-Food Canada.

This is the 1995 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Not For Publication: This is a progress report of co-operative investigations containing data, the interpretation of which may be modified with additional experimentation.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, 1996

VARIETIES RECOMMENDED FOR ONTARIO IN THE FORAGE BROCHURE

Able	Crusader	Majestic	5364
Advance	DK 122	MultiChoice	5454
Alfagraze	DK 133	Multi-plier	630
AlfaLeaf	Echo	Noble	Resistar
Algonquin	Encore	OAC Minto	Saranac
Alouette	Forerunner	Olinda	Shield
Ambassador	FS444	Oneida VR	Spectrum
Anchor	Guardsmen	Pickseed 8920 MF	Starmaster
Angus	G2833	Pinnacle	Surpass
Apollo II	Horizon	Proleaf	Tartan
Apollo Supreme	Impact	120	Thunder
Arrow	Incentive	20-20	Tomahawk
Asset	Iroquois	2980	Trident II
Centurion	Javelin	5246	Ultra
Chief	Legend	5262	Verta +
Class	Legend 2	5311	Viking 1
Comsel	Magnum	5312	WL 333
Crown II	Magnum Plus	532	

VARIETIES RECOMMENDED FOR THE FIRST TIME IN THE FORAGE BROCHURE

<u>New Varieties</u>	<u>Designation in Trials</u>	<u>Code # in Trials</u>	<u>Entry Year</u>
Able	PS 90-6	1233	1991
Alfagraze	Alfagraze	1292	1992
Forerunner	2J01	1285	1992
FS444	VS9036	1276	1992
Javelin	87-135	1248	1991
Phantom	A9008	1272	1992
Proleaf	Exp9047	1296	1992
Tartan	VS9034	1275	1992
5454	XAL06	1297	1992

VARIETIES UNDER TEST

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
1104	LSC725	Seed Link	Reseeded in 1995	0
1127	627 (Bronco)	Nemec	Drop at compan's request	7
1141	LSC 845	Landis	Dropped after 4 years of deferral	8
1142	LSC 846	Landis	Dropped after 4 years of deferral	7

1990 ENTRIES

1190	YAM91	Pioneer	Support for reg., defer (4)	11
1199	VS 834 (Zenith)	Vista Canada	Support for reg., defer (4)	10
1209	AP 8832	Pickseed	Dropped at company's request	14
1225	Webfoot	Great Lakes	No support 95, testing completed	12

1991 ENTRIES

1228	PS 90-3	Pickseed	Support for reg., defer (2)	11
1230	PS 90-5	Pickseed	Dropped at company's request	8
1233	PS 90-6	Pickseed	Recommended, named Able	12
1243	MS-90 (Web MPR)	Great Lakes	Support for reg., defer (1)	12
1244	GH 777	First Line (Vista)	Support for reg., defer (2)	10
1248	87-135	Speare	Recommended, named Javelin)	8
1249	90791	Northrup King	Support for reg., defer (3)	12
1252	NK 91-2	Northrup King	Support for reg., defer (3)	15
1260	YAE 05 (5151)	Pioneer	Registered. No support 95, re-examine 96	12
1261	83CF042	Pioneer	No support 95, re-examine 96	12
1264	90788	Northrup King	No support 95, testing completed	29
1265	SL9117	Seed Link	Support 94, defer (2)	11
1267	Beaver	OFCC (Check)	(Persistent Trial)	12
1268	Spreader II	OFCC (Check)	(Persistent Trial)	12

1992 ENTRIES

1269	90-135	Speare	No support 95, testing completed	13
1270	T9139	Thompson	Support for reg., defer (1)	12
1271	A8911 (Quattro HR)	Oseco	Support for reg., defer (2)	15
1272	A9008	GROWMARK	Recommended, named Phantom	-
1273	A9102	GROWMARK	Supported for reg., defer (1)	13
1274	VS 9012	Nemec	No support 95, testing completed	10
1275	VS 9034	Nemec	Recommended, named Tartan	-
1276	VS 9036	GROWMARK	Recommended, named FS444	-
1277	VS 9050 (Abby)	Nemec	Registered, supported, defer (1)	15
1278	91211 (2J11, Dividend)	NK	No support 95, testing completed	19
1279	91315 (3J15, Legen Dairy)	NK	No support 95, testing completed	19
1280	91800	NK	No support 95, testing completed	24
1281	8814	Szego	No support 95, testing completed	15
1282	8830	Szego	Support for reg., defer (1)	12

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
1283	Dominator	Oseco	No support 95, testing completed	15
1284	ABI 9138C	Oseco	No support 95, testing completed	13
1285	2J01	Speare	Recommended, named Forerunner	13
1286	2J02	Bison	No support 95, testing completed	12
1287	4J19	Bison	No support 95, testing completed	17
1288	C-3110	Coop Federee	No support 95, testing completed	15
1289	SL 9206	Seed Link	No support 95, testing completed	12
1290	SL 9207	Seed Link	Support for reg., defer (1)	13
1291	92-20	Pickseed	Dropped at company's request	16
1292	Alfagraze	Pickseed	Recommended, named Alfagraze	19
1293	Cimarron VR	Brett-Young	No support 95, testing completed	12
1294	ABI 9129C	Brett-Young	Support for reg., defer (1)	13
1296	Exp9047	Heritage	Recommended, named Proleaf	-
1297	XAL 06	Pioneer	Recommended, named 5454	-

1993 ENTRIES

1300	ABI9146	Oseco	No support 95, re-examine 96	9
1301	ABI9227	Oseco	No support 95, re-examine 96	9
1302	90-125HQ	Oseco	No support 95, re-examine 96	8
1303	91795	Northrup King	No support 95, re-examine 96	18
1304	91804	Northrup King	No support 95, re-examine 96	13
1305	92809	Northrup King	No support 95, re-examine 96	17
1306	2J08	Bison	Support for reg., defer (1)	17
1307	2J90	Bison	No support 95, re-examine 96	13
1308	3J04	Bison	No support 95, re-examine 96	13
1309	4J03	Bison	No support 95, re-examine 96	13
1310	4J14	Bison	Support for reg., defer (1)	13
1311	PS 93-11	Pickseed	No support 95, re-examine	15
1312	PS 93-17	Pickseed	No support 95, re-examine 96	19
1313	PS 92-2ML	Pickseed	No support 95, re-examine 96	15
1314	PS 91-1	Pickseed	No support 95, re-examine 96	11
1315	PS 93-15	Pickseed	No support 95, re-examine 96	15
1316	UGG-430	United Grain Growers (UGG)	No support 95, re-examine 96	9
1317	UGG-450	UGG	No support 95, re-examine 96	9
1318	CW-1312	Nemec	Support for reg., defer (1)	12
1319	CW-1404	Nemec	No support 95, re-examine 96	13
1320	CW-1434	Nemec	No support 95, re-examine 96	8
1321	90-124	King Agro	No support 95, re-examine 96	9
1322	91-12	King Agro	No support 95, re-examine 96	12
1323	ABI 9145	Hyland	No support 95, re-examine 96	9
1324	LSC907	Seed Link	Insufficient 2nd year data	9
1325	LSC9101	Seed Link	Insufficient 2nd year data	9
1326	A 8910	GROWMARK	No support 95, re-examine 96	9
1327	A 9108	GROWMARK	No support 95, re-examine 96	9
1328	4J10	GROWMARK	No support 95, re-examine 96	9
1329	AS-K94	GROWMARK	No support 95, re-examine 96	9

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>1994 ENTRIES</u>				
1330	Evolution	Mycogen		6
1331	3B37	Dekalb		4
1332	FG2B08	Bison		4
1333	FG3B16	Bison		4
1334	FG3B19	Bison		5
1335	FG3B21	Bison		4
1336	FG3B27	Bison		5
1337	C-3236	Coop Federee		5
1338	3B29	OSECO		5
1339	ABI-9236	OSECO		5
1340	ABI-923AA	OSECO		5
1341	Total	Mapleseed		9
1342	PS94-01	Pickseed		9
1343	PS94-02	Pickseed		8
1344	PS94-03	Pickseed		9
1345	PS94-04	Pickseed		8
1346	PS94-05	Pickseed		8
1347	dropped			
1348	Multi-Gem	Zuelzer		5
1349	PSC 10939	Zuelzer		5
1350	PSC 10238	Zuelzer		5
1351	PSC 10235	Zuelzer		5
1352	90-119	Speare		5
1353	92-132	Speare		5
1354	4J12	Cargill		4
1355	CW1005	Nemec		4
1356	CW1351	Nemec		5
1357	CW1436	Nemec		4
1358	CW2040	Nemec		6
1359	CW2043	Nemec		4
1360	Magnum III- Wet	Seed Link		5
1361	DS9410	Seed Link		5
1362	MagnaGraze	Seed Link		5
1363	91W04PR1	Pioneer	Insufficient public data to consider	8
1364	92W02PM1 (YAM 410)	Pioneer	Support for reg., defer (1)	12
1365	Rushmore (4J16)	Northrup King		6
1366	Green Field	UGG		5
1367	616	UGG		5
1368	UGG510	UGG		5
1369	UGG520	UGG		5
1370	UGG530	UGG		5
1371	E871	Mapleseed		9
1372	A9010	UCO		5
1373	A9107	UCO		5
1374	ABI9234	Renk		5

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>1995 ENTRIES</u>				
1375	ABT 205	Bison Seed		0
1376	ABT 405	Bison Seed		0
1377	SuperCuts	Bison Seed		0
1378	B44	Bison Seed		0
1379	CIBA 2888	Ciba Seeds		0
1380	C-3220	Coop Federee		0
1381	3T44	Dekalb Canada Inc.		0
1382	Alpha(2001)	Great Lakes Hybrids		0
1383	MS95-06 (PS4201)	Mapleseed		0
1384	MS95-07	Mapleseed		0
1385	NY9012	Mapleseed		0
1386	CW-2353	Nemec		0
1387	CW-2360	Nemec		0
1388	CW-3408	Nemec		0
1389	CW-3414	Nemec		0
1390	CW-3347	Nemec		0
1391	ABI 9231	Oseco Inc.		0
1392	ABI ZG9445	Oseco Inc.		0
1393	A9201	Oseco Inc.		0
1394	A9203	Oseco Inc.		0
1395	PS95-01	Pickseed		0
1396	PS95-02	Pickseed		0
1397	PS95-03	Pickseed		0
1398	PS95-04	Oseco Inc.		0
1399	PS95-05	Pickseed		0
1400	YAL47	Pioneer		0
1402	DS9311	Quality Seed		0
1403	92-31	Speare Seeds		0
1404	93-136	Speare Seeds		0
1405	93-110	Speare Seeds		0
1406	PSC 10222	John Zuelzer		0

Alfalfa registration trial A, seeded 1993
harvested 1995, Ridgetown

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	8724	4960	4067	17751
1074 ARROW	7996	5476	5193	18666
1278 DIVIDEND	8041	5417	4711	18168
1279 LEGENDAIRY	8675	5521	4678	18874
1280 91800	7634	5296	4529	17459
1284 ABI 9138C	7510	5663	4676	17850
1285 2J01	8761	5152	4779	18692
1287 4J19	7757	5448	5027	18232
1303 91795	7346	4985	4818	17149
1305 92809	8926	5184	4953	19063
1306 2J08	8791	5345	5003	19139
1311 CW 1361	8438	5139	4923	18500
1312 CW 1466	8023	5279	4800	18102
1313 PS 92-2ML	8582	5087	5171	18840
1315 PS 93-15	9069	5647	5231	19947
1318 CW-1312	8807	5392	5279	19478
1319 CW-1404	8208	5444	5353	19004
1322 91-12	8659	5282	5122	19063
9002 120	8772	5273	4635	18680
9053 CENTURION	9172	5419	5043	19635
Harv means	8395	5320	4900	18615
CV %	10.2	5.3	8.0	5.7
LSD (5%)	1023.2	337.2	468.7	1271.0

Alfalfa registration test A, seeded 1993
Harvested 1995, Ottawa

Variety	code	Yield (kg/ha)		
		Cut 1	Cut 3	Total
ARROW	1074	4977	3185	8162
CENTURION	9053	5783	3433	9216
SARANAC	1001	5475	3296	8771
91211	1278	4638	3143	7781
91315	1279	4805	3176	7981
91800	1280	5492	3539	9031
ABI 9138C	1284	5390	3289	8679
2J01	1285	5251	3377	8628
4J19	1287	5076	3308	8384
91795	1303	5036	3464	8500
92809	1305	4825	3080	7906
2J08	1306	5231	3326	8556
PS 93-11	1311	5408	3312	8720
PS 93-17	1312	4952	3361	8312
PS 92-2ML	1313	5105	3179	8284
PS 93-15	1315	4626	3486	8111
CW-1312	1318	5387	3093	8480
CW-1404	1319	4821	3296	8117
91-12	1322	4890	3380	8270
120	9002	5085	3108	8193
Mean		5113	3292	8404
CV %		7.3	6.3	5.8

Alfalfa registration trial A seeded 1993,
Harvested 1995, Kapuskasing

YIELD (kg DM/ha)

CULTIVARS		C-1	C-2	TOTAL
SARANAC	1001	3650	2791 ⁴	6441 ⁴
91315	1279	3580	2674	6254
2J08	1306	3607	2522	6129
2J01	1285	3409	2716	6125
4J19	1287	3738 ¹⁴	2353	6091
CENTURION	9053	3308	2776	6084
91800	1280	3605	2415	6020
PS 93-11	1311	3419	2538	5957
CW-1312	1318	3381	2510	5891
120	9002	3385	2455	5840
PS 93-17	1312	3344	2471	5815
CW-1404	1319	3362	2417	5779
91795	1303	3227	2521	5748
91211	1278	3269	2461	5730
ABI 9138C	1284	3333	2362	5695
ARROW	1074	3267	2310 ^L	5577
92809	1305	3237	2285	5522
91-12	1322	2892	2534	5426
PS 93-15	1315	3051	2371	5422
PS 92-2ML	1313	2784 ^L	2425	5209 ^L

MEAN	3342	2495	5838
^(Range) C.V. %	954	481	1232
	11.9	7.4	8.1
L.S.D. 5%	565	263	670

MCV	16.9	10.5	11.5
LSR	59.2	54.6	54.4

Alfalfa registration test B, seeded 1993
Harvested 1995, Ottawa

Variety	code	Yield (kg/ha)		
		Cut 1	Cut 3	Total
ARROW	1074	4400	3588	7988
CENTURION	9053	4680	3435	8116
SARANAC	1001	4777	3391	8168
ABI9146	1300	4704	3396	8100
ABI9227	1301	4591	2954	7545
90-125HQ	1302	4713	3249	7962
91804	1304	4405	3416	7821
2J90	1307	4613	3192	7805
3J04	1308	3976	2918	6894
4J03	1309	4492	3264	7755
4J14	1310	4504	3431	7936
PS 91-1	1314	4327	3416	7743
UGG-430	1316	4721	3330	8050
UGG-450	1317	4474	3426	7901
CW-1434	1320	4483	3264	7746
90-124	1321	4509	3218	7726
ABI 9145	1323	4643	3360	8003
LSC907	1324	5054	3467	8521
LSC9101	1325	4812	3675	8487
A 8910	1326	4262	3350	7612
A 9108	1327	4388	3223	7611
4J10	1328	4171	3472	7643
AS-K94	1329	4435	3177	7612
Mean		4527	3331	7858
CV %		7.2	7.2	5.0

Alfalfa registration trial C, seeded 1993
harvested 1995, Ridgetown

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	8289	4361	4853	17503
1074 ARROW	8112	5062	5098	18272
1269 ATTAINER	7880	4974	5184	18038
1271 A8911	8408	5224	4660	18292
1273 A9102	7823	5354	4566	17743
1275 VS 9034	9260	5645	4524	19428
1277 VS 9050	8995	5080	4464	18540
1281 NY8814	7831	5091	4165	17087
1283 DOMINATOR	7518	5277	4603	17398
1288 C-3110	8257	5373	4409	18039
1290 SL 9207	7932	5358	4643	17932
1292 ALFAGRAZE	8184	5120	4460	17765
1294 ABI 9129C	8011	5706	4680	18396
1297 5454	8665	5090	4457	18212
9002 _120	8035	4333	5114	17481
Harv means	8213	5136	4659	18008
CV %	10.2	7.5	5.4	6.0
LSD (5%)	1158.2	534.2	351.4	1489.5

Alfalfa registration test C, seeded 1993
Harvested 1995, Ottawa

Variety	code	Yield (kg/ha)		
		Cut 1	Cut 3	Total
ARROW	1074	5972	3113	9085
SARANAC	1001	5899	3210	9109
90-135	1269	5840	3410	9250
A8911	1271	6169	3394	9564
A9102	1273	5514	3452	8966
VS 9034	1275	5612	3229	8841
VS 9050	1277	5399	3322	8721
NY8814	1281	5860	3302	9161
DOMINATOR	1283	6006	3405	9410
C-3110	1288	5740	3312	9052
SL 9207	1290	6120	3529	9649
ALFAGRAZE	1292	6121	3022	9142
ABI 9129C	1294	5842	3203	9045
XAL 06	1297	6006	3415	9421
120	9002	5843	3089	8932
Mean		5863	3294	9156
CV %		6.9	6.8	5.3

Alfalfa registration trial C, seeded 1993
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	5014	2123	7137
1074 ARROW	4483	2056	6540
1269 ATTAINER	4249	2101	6350
1271 A8911	3749	1834	5583
1273 A9102	4171	2412	6583
1275 VS 9034	4030	2134	6164
1277 VS 9050	3796	2190	5986
1281 NY8814	4218	2290	6507
1283 DOMINATOR	3749	1879	5628
1288 C-3110	4780	2201	6981
1290 SL 9207	5186	2457	7643
1292 ALFAGRAZE	3796	1801	5597
1294 ABI 9129C	4811	2501	7312
1297 5454	4733	2423	7156
9002 _120	4265	2156	6421
Harv means	4335	2170	6506
CV %	10.8	13.8	10.0
LSD (5%)	556.7	355.9	776.4

Alfalfa registration test D, seeded 1993
Harvested 1995, Ottawa

Variety	code	Yield (kg/ha)		
		Cut 1	Cut 3	Total
ARROW	1074	5058	2944	8002
SARANAC	1001	5357	2984	8341
ABI 9139	1270	4741	3166	7906
A9008	1272	5002	3130	8132
VS 9012	1274	4736	2905	7642
VS 9036	1276	5032	3145	8178
NY8830	1282	5068	3135	8203
2J02	1286	4453	2865	7318
SL 9206	1289	4820	2987	7807
92-20	1291	5015	3049	8064
CIMARRON VR	1293	5019	2946	7966
EXP9047	1296	5062	2998	8060
YAE 11	1298	5519	3152	8671
120	9002	5140	2920	8060
Mean		5002	3023	8025
CV %		6.7	6.6	5.2

PERSISTENCE DATA

Alfalfa registration trial A, seeded 1993,
harvested 1995, Elora

Cultivar	Mean Yield	
	(Kg/ha) Cut 1	Yield as a % of Arrow & Centurion
1001 SARANAC	4563	111
1074 ARROW	3850	94
1278 DIVIDEND	3722	91
1279 LEGENDAIRY	4012	98
1280 91800	3713	91
1284 ABI 9138C	4049	99
1285 2J01	4062	99
1287 4J19	3921	96
1303 91795	3942	96
1305 92809	3698	90
1306 2J08	4136	101
1311 CW 1361	4412	108
1312 MULTIQUEEN	4269	104
1313 PS 92-2ML	4155	101
1315 PS 93-15	4270	104
1318 CW-1312	3863	94
1319 CW-1404	4446	108
1322 91-12	3952	96
9002 120	4383	107
9053 CENTURION	4354	106
Harv means	4089	
CV %	8.7	
LSD (5%)	423.2	

PERSISTENCE DATA

Alfalfa registration trial B, seeded 1993,
harvested 1995, Elora

Cultivar	Mean Yield	
	(Kg/ha) Cut 1	Yield as a % of Arrow & Centurion
1001 SARANAC	4323	105
1074 ARROW	4149	100
1300 ABI9146	4099	99
1301 ABI9227	4084	99
1302 90-125HQ	4086	99
1304 91804	4056	98
1307 2J90	4302	104
1308 3J04	3607	87
1309 4J03	3852	93
1310 4J14	4534	110
1314 PS 91-1	4423	107
1316 UGG-430	3949	96
1317 UGG-450	3631	88
1320 CW-1434	4103	99
1321 90-124	4106	99
1323 ABI 9145	4437	107
1324 LSC907	4469	108
1325 MAGNUM IV	4038	98
1326 A 8910	3973	96
1327 A 9108	3634	88
1328 4J10	4599	111
1329 AS-K94	4091	99
9053 CENTURION	4114	100
Harv means	4116	
CV %	11.0	
LSD (5%)	534.7	

PERSISTENCE DATA

Alfalfa registration trial C, seeded 1993,
harvested 1995, Elora

Cultivar	Mean Yield	
	(Kg/ha) Cut 1	Yield as a % of Arrow & 120
1001 SARANAC	4431	112
1074 ARROW	3850	97
1269 ATTAINER	4101	103
1271 A8911	3743	94
1273 A9102	4248	107
1275 VS 9034	4089	103
1277 VS 9050	4158	105
1281 NY8814	3697	93
1283 DOMINATOR	4326	109
1288 C-3110	3900	98
1290 SL 9207	3980	100
1292 ALFAGRAZE	3710	93
1294 ABI 9129C	4185	105
1297 5454	4181	105
9002 _120	4087	103
Harv means	4046	
CV %	11.1	
LSD (5%)	532.9	

PERSISTENCE DATA

Alfalfa registration trial D, seeded 1993,
harvested 1995, Elora

Cultivar	Mean Yield	
	(Kg/ha) Cut 1	Yield as a % of Arrow & 120
1001 SARANAC	3749	87
1074 ARROW	4106	96
1270 ABI 9139	3910	91
1272 A9008	3941	92
1274 ULTRALEAF 87	4388	102
1276 GH787	4069	95
1282 NY8830	4317	101
1286 2J02	3653	85
1289 SL 9206	4273	100
1291 92-20	4014	94
1293 CIMARRON VR	4210	98
1296 EXP9047	4592	107
1298 5312	4429	103
9002 _120	4465	104
Harv means	4151	
CV %	11.5	
LSD (5%)	664.1	

Alfalfa registration test A, seeded 1994
harvested 1995, Huron Park

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5579	3623	2599	11801
1074 ARROW	5232	3685	2650	11567
1302 90-125HQ	5398	3280	2858	11535
1303 91795	4525	3040	2126	9690
1318 CW-1312	5853	3561	2705	12119
1320 CW-1434	5429	3149	2854	11432
1322 91-12	5711	3321	2693	11725
1331 3B37	5755	3623	2815	12193
1332 FG2B08	5847	3698	3089	12634
1333 FG3B16	5884	3609	2400	11893
1335 FG3B21	5779	3575	2678	12031
1343 PS94-02	5450	3239	2670	11359
1345 PS94-04	5290	3348	2443	11081
1346 PS94-05	5553	3609	2748	11910
1354 4J12	5250	3753	2999	12002
1355 CW 1005	5453	3877	2895	12224
1357 CW 1436	5576	3547	2658	11782
1358 CW 2040	6047	3739	2928	12715
1359 CW 2043	5406	3767	2619	11791
1365 RUSHMORE	5603	4165	2705	12473
9002 120	5413	3588	2423	11425
9053 CENTURION	5755	3726	2533	12014
Harv means	5536	3569	2686	11791
CV %	10.1	14.3	13.4	9.5
LSD (5%)	660.3	602.9	426.0	1323.7

**Alfalfa registration test A, seeded 1994
Harvested 1995, Ottawa**

Variety	Code	Yield (kg/ha)			Total
		Cut 1	Cut 2	Cut 3	
ARROW	1074	4949	3168	3170	11287
CENTURION	9053	4874	3324	3118	11315
SARANAC	1001	5054	3107	3033	11194
90-125HQ	1302	4956	3259	3097	11312
91795	1303	4531	3102	2782	10415
CW-1312	1318	4524	3221	3091	10836
CW-1434	1320	4297	3298	3223	10818
91-12	1322	4861	3141	3060	11062
3B37	1331	4590	3186	3015	10790
FG2BO8	1332	4662	3351	2942	10954
FG3B16	1333	4354	2987	2960	10301
FG3B21	1335	4423	3063	2926	10411
PS94-02	1343	4463	3263	3156	10882
PS94-04	1345	4578	3353	3234	11164
PS94-05	1346	4788	3568	3096	11452
4J12	1354	4564	3250	3039	10852
CW1005	1355	4557	3228	3136	10921
CW1436	1357	4666	3180	3046	10891
CW2040	1358	4874	3352	3156	11381
CW2043	1359	4495	3142	3124	10762
RUSHMORE	1365	4922	3232	3102	11256
120	9002	4980	3092	3138	11210
Mean		4680	3221	3075	10976
CV %		5.3	6.6	4.5	3.4

Alfalfa registration trial A, seeded 1994
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL
		JUNE 22	AUG 11	
CW 2040	1358	6189	4720	10908
SARANAC	1001	6238	4626	10864
CW1436	1357	6385	4433	10818
4J12	1354	6092	4689	10780
CW 2043	1359	6159	4619	10777
CENTURION	9053	6007	4665	10672
PS 94-05	1346	6017	4653	10670
CW 1005	1355	6003	4603	10606
PS 94-04	1345	5808	4797	10604
3B37	1331	6113	4451	10564
CW 1434	1320	6045	4439	10484
RUSHMORE	1365	5973	4453	10427
PS 94-02	1343	5955	4435	10390
FG3B21	1335	6012	4330	10342
ARROW	1074	5809	4519	10328
FG2B08	1332	5848	4466	10314
FG3B16	1333	5922	4391	10313
120	9002	5789	4497	10286
CW-1312	1318	6083	4175	10258
91-12	1322	5743	4378	10120
90-125 HQ	1302	5394	4167	9560
91795	1303	5382	4080	9462
AVERAGE		5953	4481	10434
LSD(.05)		N/S	N/S	N/S
LSD(.01)		N/S	N/S	N/S
C.V.		6.46 %	7.46 %	6.02 %

Alfalfa registration trial A, seeded 1994,
harvested 1995, Kapuskasing

		YIELD (kg DM/ha)		
CULTIVARS		C-1	C-2	TOTAL
FG3B21	1335	4184	2843	7027
SARANAC	1001	4043	2792	6835
CW 1436	1357	4156	2548	6704
CW 2040	1358	4024	2640	6664
RUSHMORE	1365	3939	2627	6566
PS94-02	1343	3956	2598	6554
4J12	1354	3959	2550	6509
CW 2043	1359	3950	2535	6485
91-12	1322	3785	2586	6371
PS94-04	1345	3756	2606	6362
CW 1484	1320	3763	2569	6332
CENTURION	9053	3615	2666	6281
3B37	1331	3916	2339	6255
CW 1005	1355	3547	2662	6209
FG3B16	1333	3856	2314	6170
ARROW	1074	3627	2532	6159
PS94-05	1346	3650	2507	6157
CW 1312	1318	3675	2451	6126
FG2B08	1332	3610	2413	6023
90-125HQ	1302	3533	2203	5736
120	9002	2989	2463	5452
91795	1303	3189	2038	5227
MEAN		3760	2522	6282
C.V. %		10.5	13.0	9.2
L.S.D. 5%		561	464	820

Alfalfa registration test B, seeded 1994
harvested 1995, Huron Park

Cultivar	Mean Yield (kg/ha)			Total
	Cut 1	Cut 2	Cut 3	
1001 SARANAC	4298	3065	2837	10201
1074 ARROW	4609	3324	2643	10576
1330 EVOLUTION	4298	3003	2618	9920
1342 PS94-01	4602	3231	2808	10641
1348 MULTI-GEM	3974	3234	2661	9869
1349 PSC 10939	4403	3442	2887	10732
1350 PSC 10238	3764	3029	2654	9447
1351 PSC 10235	4201	3161	2920	10282
1352 90-119	4370	3414	2937	10721
1360 MAGNUM III-W	4023	3113	3240	10376
1361 DS 9410	4355	3478	2912	10745
1362 MAGNAGRAZE	4223	3551	2998	10772
1363 91W04PR1	3873	3311	2608	9792
1366 GREEN FIELD	4526	3343	2708	10577
1367 616	4672	3164	2550	10385
1368 UGG510	3715	3065	2769	9550
1369 UGG520	4260	3040	2672	9972
1370 UGG530	4058	3079	2776	9913
1371 E871	4946	3723	2948	11617
1374 ABI9234	4335	3456	2625	10417
9002 120	4388	3352	2506	10245
9053 CENTURION	4683	3675	2783	11141
Harv means	4299	3284	2776	10359
CV %	8.4	10.7	9.4	6.7
LSD (5%)	424.6	415.6	308.9	822.5

Alfalfa registration test B, seeded 1994
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	6708	4075	4531	15313
1074 ARROW	6329	3992	4320	14642
1330 EVOLUTION	6026	3799	4568	14394
1342 PS94-01	6381	3342	4584	14306
1348 MULTI-GEM	5990	3941	4216	14147
1349 PSC 10939	6588	4478	4582	15648
1350 PSC 10238	6408	3888	4528	14824
1351 PSC 10235	6285	3890	4301	14476
1352 90-119	6444	3585	4016	14045
1360 MAGNUM III-W	6563	3996	4607	15167
1361 DS 9410	7250	4567	4458	16274
1362 MAGNAGRAZE	6841	4380	4717	15938
1363 91W04PR1	6461	3916	4417	14793
1366 GREEN FIELD	6552	3925	4389	14865
1367 616	6437	3755	4452	14644
1368 UGG510	6365	4098	4335	14798
1369 UGG520	6407	3918	4218	14542
1370 UGG530	6625	4034	4504	15163
1371 E871	6799	4158	4354	15311
1374 ABI9234	7019	4143	4436	15598
9002 120	6879	3792	4199	14871
9053 CENTURION	6733	3602	4361	14696
Harv means	6550	3967	4413	14930
CV %	7.6	8.7	6.6	5.1
LSD (5%)	590.1	408.0	343.7	893.1

Alfalfa registration test B, seeded 1994
Harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)			
		Cut 1	Cut 2	Cut 3	Total
ARROW	1074	4039	3462	3164	10664
CENTURION	9053	4023	3610	3214	10846
SARANAC	1001	4035	3545	3113	10693
EVOLUTION	1330	3910	3575	2998	10482
PS94-01	1342	4245	3575	2970	10789
MULTI-GEM	1348	3615	3535	3039	10189
PSC-10939	1349	3797	3422	3163	10382
PSC-10238	1350	3983	3851	3007	10840
PSC-10235	1351	3853	3575	2998	10425
90-119	1352	3962	3284	3136	10382
MAGNUM III-W	1360	4011	3156	3150	10316
DS 9410	1361	4321	2994	3104	10419
MAGNAGRAZE	1362	4019	3393	3099	10510
91WO4PR1	1363	4023	3472	3334	10828
GREEN FIELD	1366	3942	3215	3016	10173
616	1367	3632	3363	2979	9974
UGG510	1368	3982	3427	3099	10508
UGG520	1369	3736	3053	2952	9741
UGG530	1370	3809	3294	2915	10017
E871	1371	3748	3506	3081	10335
ABI 9234	1374	3954	3220	2947	10121
120	9002	4487	3250	3016	10753
Mean		3690	3399	3068	10427
CV %		5.8	7.4	5.4	4.3

Alfalfa registration trial B, seeded 1994
harvested 1995, New Lisheard

VARIETY	CODE	FIRST CUT JUNE 22	SECOND CUT AUG 11	TOTAL YIELD
CENTURION	9053	5848	5767	11614
E 871	1371	5925	5563	11487
PS 94-01	1342	5845	5519	11364
PSC 10238	1350	5559	5513	11073
DS 9410	1361	5838	5234	11072
91W04PRI	1364	5848	5183	11031
90-119	1352	5624	5293	10917
MAGNUM III W	1360	5697	5049	10745
120	9002	5574	5110	10684
PSC 10939	1349	5385	5287	10672
PSC 10235	1351	5379	5249	10628
UGG 510	1368	5734	4883	10617
ARROW	1074	5396	5148	10544
GREENFIELD	1366	5882	4655	10537
ABI 9234	1374	5508	4987	10495
616	1367	5589	4903	10492
UGG 520	1369	5339	5123	10461
SARANAC	1001	5593	4720	10312
MULTI-GEM	1348	5296	4951	10246
UGG 530	1370	5299	4861	10160
MAGNAGRAZE	1362	5709	4432	10141
EVOLUTION	1330	5321	4707	10028
AVERAGE		5599	5097	10696
LSD (.05)		432 kg/ha	626 kg/ha	801 kg/ha
LSD (.01)		N/S	833 kg/ha	1065 kg/ha
C.V.		5.46 %	8.70 %	5.30 %

Alfalfa registration trial B, seeded 1994
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	4851	4228	9080
1074 ARROW	4630	4285	8915
1330 EVOLUTION	4580	4193	8773
1342 PS94-01	4664	4678	9342
1348 MULTI-GEM	4005	4339	8343
1349 PSC 10939	5016	4405	9421
1350 PSC 10238	4306	4274	8580
1351 PSC 10235	4422	4224	8646
1352 90-119	4860	4653	9513
1360 MAGNUM III-W	4729	4587	9316
1361 DS 9410	4965	4447	9412
1362 MAGNAGRAZE	5035	4488	9522
1363 91W04PR1	4367	4343	8710
1366 GREEN FIELD	4855	4545	9400
1367 616	4328	4494	8822
1368 UGG510	4782	4294	9076
1369 UGG520	4582	4214	8796
1370 UGG530	4717	4280	8997
1371 E871	5229	4858	10088
1374 ABI9234	4681	4275	8956
9002 120	5755	4933	10687
9053 CENTURION	4645	4617	9263
Harv Means	4727	4439	9166
CV %	9.5	8.4	10.8
LSD (5%)	606.6	371.6	853.5

Alfalfa registration test C, seeded 1994
harvested 1995, Huron Park

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	5930	3269	2974	12173
1074 ARROW	5242	3230	2692	11164
1305 92809	6122	3156	2772	12051
1306 2J08	5375	3235	3302	11912
1311 CW 1361	6051	3258	2758	12067
1312 MULTIQUEEN	6060	3247	2964	12270
1313 PS 92-2ML	6606	3269	3305	13180
1315 PS 93-15	5990	3021	3525	12536
1319 CW-1404	5997	3376	3507	12880
1334 FG3B19	6237	3433	2853	12523
1336 FG3B27	5771	3117	3417	12305
1337 C-3236	5820	2891	3145	11856
1338 3B29	6300	3731	3086	13117
1339 ABI-9236	5522	3055	2936	11513
1340 ABI-923AA	5358	3072	2901	11331
1341 TOTAL	5599	3303	2929	11831
1344 PS94-03	5732	3258	3295	12284
1353 92-132	5869	3072	3194	12135
1356 CW 1351	6415	3286	3364	13066
1364 92W02PM1	5437	3325	2905	11667
1372 A9010	6062	3055	3131	12248
9002 120	6027	3263	3096	12387
9053 CENTURION	5362	2965	3413	11740
Harv means	5864	3212	3107	12184
CV %	9.6	13.9	12.4	8.8
LSD (5%)	665.8	526.3	455.1	1264.9

Alfalfa registration test C, seeded 1994
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	9470	4049	4327	17846
1074 ARROW	9244	4094	4498	17835
1305 92809	8288	4095	4093	16476
1306 2J08	8682	4084	4323	17089
1311 CW 1361	8990	3865	4386	17241
1312 MULTIQUEEN	9343	4244	4537	18125
1313 PS 92-2ML	9322	3865	4271	17458
1315 PS 93-15	8269	3969	4457	16695
1319 CW-1404	7992	4271	4459	16722
1334 FG3B19	8874	4044	4686	17604
1336 FG3B27	8886	4258	4314	17459
1337 C-3236	7155	4002	4476	15634
1338 3B29	6906	4645	4589	16140
1339 ABI-9236	6965	3606	4321	14892
1340 ABI-923AA	7227	3800	4416	15443
1341 TOTAL	7557	4232	4336	16126
1344 PS94-03	8278	4223	4568	17069
1353 92-132	7381	4062	4424	15867
1356 CW 1351	9133	3984	4275	17391
1364 92W02PM1	9414	4323	4309	18046
1372 A9010	7200	3531	4385	15116
9002 120	9548	3827	4259	17634
9053 CENTURION	9000	3996	4579	17575
Harv means	8397	4046	4404	16847
CV %	10.3	11.7	6.2	7.5
LSD (5%)	1025.0	558.1	321.9	1485.4

Alfalfa registration test C, seeded 1994
Harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)			
		Cut 1	Cut 2	Cut 3	Total
ARROW	1074	5347	3493	3071	11911
CENTURION	9053	5180	3337	3045	11562
SARANAC	1001	5368	3228	2965	11561
92809	1305	5132	3438	3000	11569
2J08	1306	5709	3349	2894	11952
CW 1361	1311	5569	3611	3035	12215
CW 1466	1312	4860	3235	3059	11154
PS 92-2ML	1313	5156	3413	3020	11589
PS 93-15	1315	4245	3390	2874	10509
CW 1404	1319	4560	3240	3016	10816
FG3B19	1334	4976	3249	2887	11112
FG3B27	1336	4772	3244	2955	10972
C-3236	1337	5240	3643	2925	11807
3B29	1338	5002	3508	2801	11310
ABI-9236	1339	5519	3523	3011	12053
ABI-923AA	1340	5482	3464	3045	11990
TOTAL	1341	5665	3483	2939	12088
PS94-03	1344	5092	3581	3070	11742
92-132	1353	5477	3444	2925	11846
CW 1351	1356	5646	3544	3132	12322
92W02PM1	1364	5358	3078	2875	11311
A9010	1372	5394	3419	2982	11795
120	9002	5664	3139	2859	11662
Mean		5235	3394	2973	11602
CV %		6.4	6.4	4.8	4.0

Alfalfa registration test C, seeded 1994,
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT JUNE 22	SECOND CUT AUG 11	TOTAL YIELD
PS 92-2 ML	1313	6918	5569	12487
A9010	1372	7019	5245	12264
2J08	1306	6782	5342	12123
92809	1305	6553	5546	12099
CW 1351	1356	6894	5144	12038
CW 1361	1311	6467	5532	11999
CENTURION	9053	6815	5072	11887
FG 3B27	1336	6633	5187	11820
FG3B19	1334	6703	4997	11700
ARROW	1074	6213	5467	11680
TOTAL	1341	6458	5191	11649
PS 93-15	1315	6548	5072	11620
ABI 923AA	1340	6376	5240	11616
CW-1404	1319	6665	4882	11547
C-3236	1337	6624	4796	11420
92W02PM1	1364	6387	4943	11330
120	9002	6290	4918	11208
3B29	1338	6151	5036	11187
92-132	1353	6113	4998	11110
PS 94-03	1344	6328	4763	11091
ABI 9236	1339	5975	5047	11022
CW 1466	1312	6373	4629	11001
SARANAC	1001	6463	4910	11373
AVERAGE		6511	5064	11575
LSD(.05)		N/S	N/S	N/S
LSD(.01)		N/S	N/S	N/S
C.V.		7.22 %	12.38 %	7.58 %

Alfalfa registration trial C, seeded 1994
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	7394	2346	9740
1074 ARROW	6669	1937	8606
1305 92809	6987	2389	9376
1306 2J08	6739	2109	8849
1311 CW 1361	7606	2346	9952
1312 CW 1466	7075	2217	9292
1313 PS 92-2ML	6757	2497	9254
1315 PS 93-15	6492	2400	8892
1319 CW-1404	6527	2357	8884
1334 FG3B19	6969	2120	9089
1336 FG3B27	7129	2432	9561
1337 C-3236	5961	2109	8070
1338 3B29	6209	2023	8232
1339 ABI-9236	6846	2077	8922
1340 ABI-923AA	7146	2281	9428
1341 TOTAL	6165	1626	7791
1344 PS94-03	6563	2486	9048
1353 92-132	6899	2045	8943
1356 CW 1351	7129	2378	9507
1364 92W02PM1	7606	2357	9963
1372 A9010	6996	2500	9496
9002 120	6421	2077	8498
9053 CENTURION	7235	2238	9473
Harv means	6849	2232	9081
CV %	8.4	16.6	9.5
LSD (5%)	681.1	438.7	1022.7

Alfalfa registration trial D, seeded 1994
harvested 1995, Huron Park

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	3591	3973	2689	10253
1074 ARROW	3400	3820	2856	10075
1300 ABI9146	3521	3994	3074	10590
1301 ABI9227	3288	3911	3019	10218
1304 91804	3607	3770	2963	10340
1307 2J90	3631	4143	2703	10477
1308 3J04	3465	3434	2210	9109
1309 4J03	3414	3588	2508	9509
1310 4J14	3754	3882	3042	10678
1314 PS 91-1	3641	3969	2963	10573
1316 UGG-430	3857	3828	2745	10430
1317 UGG-450	3311	4019	2768	10098
1321 90-124	3832	3853	3093	10778
1323 ABI 9145	3313	4011	2907	10231
1324 LSC907	3788	4044	3135	10966
1325 MAGNUM IV	3591	3940	2972	10503
1326 A 8910	3824	3695	2828	10347
1327 A 9108	4111	3865	2754	10731
1328 4J10	3792	3882	2865	10539
1329 AS-K94	3719	4048	2638	10404
1373 A9107	3891	4073	3190	11154
9053 CENTURION	4120	4251	3822	12193
Harv means	3657	3909	2897	10463
CV %	8.0	7.6	15.7	6.6
LSD (5%)	404.6	408.2	625.3	948.0

Alfalfa registration trial D, seeded 1994
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
1001 SARANAC	8255	4402	4725	17381
1074 ARROW	7899	4646	5049	17594
1300 ABI9146	7911	4880	5018	17810
1301 ABI9227	8566	4532	5096	18195
1304 91804	7356	4483	4837	16676
1307 2J90	7621	4220	4701	16541
1308 3J04	8141	4344	4908	17393
1309 4J03	8158	4013	5082	17253
1310 4J14	7790	4910	5107	17807
1314 PS 91-1	7343	4392	4800	16535
1316 UGG-430	8123	4835	4912	17870
1317 UGG-450	7356	4298	4873	16528
1321 90-124	7305	3670	4221	15197
1323 ABI 9145	7943	4393	4821	17158
1324 LSC907	8268	4422	4612	17302
1325 MAGNUM IV	8840	4611	5255	18707
1326 A 8910	7835	4659	5076	17570
1327 A 9108	8211	4107	4937	17254
1328 4J10	7011	4464	4978	16453
1329 AS-K94	8181	5188	5296	18665
1373 A9107	8209	4513	5145	17868
9053 CENTURION	8392	4267	5102	17761
Harv means	7942	4466	4934	17342
CV %	7.2	14.7	5.9	7.0
LSD (5%)	678.4	773.8	341.7	1429.0

Alfalfa registration test D, seeded 1994
Harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)			
		Cut 1	Cut 2	Cut 3	Total
ARROW	1074	4585	3374	3055	11014
CENTURION	9053	4697	3384	3227	11309
SARANAC	1001	4243	3369	2967	10579
ABI9146	1300	4706	3573	2944	11222
ABI9227	1301	4505	3514	3000	11018
91804	1304	4438	3459	3037	10934
2J90	1307	4313	3608	2934	10855
3J04	1308	4326	3633	3000	10958
4J03	1309	4576	3643	2925	11144
4J14	1310	4643	3608	2981	11231
PS 91-1	1314	4547	3250	2958	10755
UGG-430	1316	4372	3548	2860	10780
UGG-450	1317	4605	3409	3014	11028
90-124	1321	4660	3513	3032	11205
ABI 9145	1323	4451	3235	3120	10806
LSC907	1324	4948	3215	3190	11353
LSC9101	1325	4656	3280	3079	11014
A 8910	1326	4797	3399	3055	11252
A 9108	1327	4831	3335	2958	11123
4J10	1328	4050	3444	3051	10545
AS-K94	1329	4505	3652	2925	11082
A9107	1373	4493	3419	3009	10921
Mean		4543	3448	3014	11006
CV %		5.1	5.0	5.6	3.1

Alfalfa registration test D, seeded 1994
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT JUNE 22	SECOND CUT AUG 11	TOTAL YIELD
A 9108	1327	5346	5434	10780
LSC 907	1324	5411	5353	10763
4J10	1328	5404	5200	10603
SARANAC	1001	5432	5169	10602
2J90	1307	5226	5332	10557
91804	1304	5174	5321	10495
A 9107	1373	5289	5169	10458
90-124	1321	5422	5033	10455
4J14	1310	5237	5215	10453
ABI 9145	1323	5163	5237	10400
A 8910	1326	5249	5147	10396
AS-K94	1329	5307	5002	10310
4J03	1309	5048	5164	10213
ARROW	1074	4970	5221	10191
LSC 9101	1325	5579	4559	10138
CENTURION	9053	5150	4987	10136
3J04	1308	5214	4879	10092
ABI 9146	1300	5068	4883	9951
PS 91-1	1314	5034	4862	9896
UGG-430	1316	4751	5139	9890
ABI 9227	1301	4796	5025	9821
UGG 450	1317	4981	4751	9732
AVERAGE		5193	5095	10288
LSD(.05)		390 kg/ha	N/S	N/S
LSD(.01)		519 kg/ha	N/S	N/S
C.V.		5.32 %	13.06 %	6.55 %

Alfalfa registration trial D, seeded 1994
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	4931	4308	9239
1074 ARROW	4823	3786	8608
1300 ABI9146	4503	4001	8504
1301 ABI9227	4438	4057	8496
1304 91804	4933	4444	9377
1307 2J90	4270	4233	8504
1308 3J04	4154	3972	8127
1309 4J03	4369	4055	8425
1310 4J14	4685	4268	8954
1314 PS 91-1	4901	4109	9009
1316 UGG-430	5395	4418	9813
1317 UGG-450	4211	3912	8122
1321 90-124	4661	4569	9230
1323 ABI 9145	4602	4271	8873
1324 LSC907	4435	3720	8155
1325 LSC9101	4875	3644	8519
1326 A 8910	4480	3877	8357
1327 A 9108	4476	3989	8465
1328 4J10	4373	4378	8751
1329 AS-K94	4607	4481	9088
1373 A9107	4542	4068	8610
9053 CENTURION	4808	4268	9076
Harv Means	4612	4129	8741
CV %	9.9	9.5	12.4
LSD (5%)	609.7	396.9	931.8

Alfalfa registration test E, seeded 1991
harvested 1995, Elora

Note, only third and fourth production year data will be used
for varietal evaluation.

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	4754	3043	7797
1074 ARROW	5860	4760	10619
1233 PS90-6	5839	4442	10280
1243 WEBFOOT-MPR	6182	4555	10737
1260 5151	4813	3214	8028
1261 83CFO42	5029	3046	8075
1264 SPREDOR 3	5387	3259	8646
1267 BEAVER	4926	3329	8255
1268 SPREDOR II	4503	3394	7897
9002 120	6241	3962	10203
9004 IROQUOIS	5175	3737	8912
9006 OAC MINTO	5380	3320	8700
Harv means	5341	3672	9012
CV %	8.2	9.0	6.6
LSD (5%)	524.3	395.4	710.7

Alfalfa registration test E, seeded 1992
harvested 1995, Elora

Note, only third and fourth production year data will be used
for varietal evaluation.

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
1001 SARANAC	3836	3367	7203
1074 ARROW	4619	3607	8226
1233 PS90-6	5426	3975	9401
1243 WEBFOOT-MPR	5086	4024	9110
1260 5151	3833	3351	7184
1261 83CFO42	3842	3019	6861
1264 SPREDOR 3	3762	3941	7703
1267 BEAVER	3977	2939	6916
1268 SPREDOR II	3747	2760	6507
9002 120	4502	3668	8170
9004 IROQUOIS	4452	3337	7788
9006 OAC MINTO	3491	2897	6388
Harv means	4214	3407	7621
CV %	16.9	17.1	12.7
LSD (5%)	854.7	697.9	1161.3

Alfalfa registration test E, seeded 1992
harvested 1995, New Liskeard

Note, only third and fourth production year data will
be used for varietal evaluation.

VARIETY	CODE	YIELD JULY 12
SPREDOR II	1268	7859
120	9002	7622
IROQUOIS	9004	7434
90788	1264	7315
SARANAC	1001	6958
BEAVER	1267	6852
WEBFOOT-MPR	1243	6839
83CF342	1261	6746
ARROW	1074	6654
YAE 05	1260	6603
PS 90-6	1233	6506
OAC MINTO	9006	6027
AVERAGE		6951
LSD(.05)	N/S	
LSD(.01)	N/S	
C.V.	13.54 %	

Alfalfa persistence trials (with systematic control design)
seeded 1992, harvested 1995, Ridgetown & Ottawa

Variety	Code	Yield (kg/ha)			% of Saranac
		Ridgetown	Ottawa	Mean	
5246	1191	5890	4443	5167	139
5262	1117	5421	5027	5224	140
5364	1114	4761	4129	4445	119
APOLLO_SUPREME	1112	5126	4282	4704	126
ARROW	1074	4675	5868	5272	142
ASSET	1130	4996	4885	4941	133
CHAMPION	9063	5597	4675	5136	138
CROWN_II	1131	5209	4652	4931	132
DK122	1126	5340	4833	5087	137
EXCALIBUR	1039	4582	5305	4944	133
G-2833	1128	5628	4857	5243	141
G-2841	9065	5353	4824	5089	137
INCENTIVE	1153	4601	4310	4456	120
LEGEND	1138	5488	4878	5183	139
PICK_8920MF	1163	5421	4951	5186	139
RESISTAR	1133	5039	4100	4570	123
SARANAC	1001	3612	3835	3724	100
STARMASER	1103	4616	4878	4747	127
WAMPR	1100	4578	3726	4152	112
Mean		5072	4604		
CV %		4.7	8.9		

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1991, Harvested 1995

Mean Yield (kg/Ha)				
Cultivar	Cut 1	Cut2	Cut3	TOTAL
Viking 1	4292	2629	2090	9011
NK91-2	4454	2461	1954	8869
90791	4241	2399	1915	8555
Legend	4296	2373	1852	8521
NK EXP A	4093	2418	1783	8293
Arrow	4107	2338	1841	8287
Saranac	4027	2406	1827	8260
DK120	4298	2247	1696	8241
MultiKing 1	3834	2302	1792	7928
NK91-1	3955	1915	1646	7517
Harv Mean	4160	2349	1839	8348
LSD (5%)	263	183	157	446
CV%	6.4	10.1	11.2	7.0

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1992, Harvested 1995

Mean Yield (kg/Ha)				
Cultivar	Cut 1	Cut2	Cut3	TOTAL
Saranac	3357	1912	933	6701
Encore	3391	1893	971	6616
91211	3257	1805	953	6540
C-88-535	3534	1975	1049	6511
DK120	3400	1915	971	6440
91800	3574	1955	1060	6294
Arrow	3339	1929	974	6237
91315	3344	1897	1015	6195
90792	3495	2000	1168	5965
NK91-2	3527	1976	978	5882
Harv Mean	3422	1926	1007	6338
LSD (5%)	244	145	177	951
CV%	7.0	8.2	14.3	12.0

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1993, Harvested 1995

Cultivar	Mean Yield (kg/Ha)			
	Cut 1	Cut2	Cut3	TOTAL
4J14	2510	1630	780	4920
919MF	2501	1547	675	4723
91800	2457	1521	740	4718
Saranac	2370	1554	749	4673
Centurion	2356	1604	689	4649
Legend 2	2287	1619	740	4646
91804	2508	1428	688	4623
92809	2433	1542	627	4602
Arrow	2444	1400	695	4539
DK120	2384	1468	663	4515
4J03	2252	1568	685	4505
92807	2174	1580	693	4446
91795	2363	1469	606	4438
2J08	2317	1519	596	4431
2J90	2146	1469	624	4239
3J04	2226	1360	650	4236
Beaver	2066	1145	414	3625
Harv Mean	2341	1495	666	4502
LSD (5%)	289	213	95	425
CV%	12.5	15.0	18.8	11.9

Northrup King Seeds Ltd.
Alfalfa Trial
Wroxeter, Ontario

Seeded 1993, Harvested 1995

Mean Yield (kg/Ha)				
Cultivar	Cut 1	Cut2	Cut3	TOTAL
Saranac	2565	1245	952	4761
4J14	2639	1157	898	4694
91800	2621	1153	884	4658
919MF	2635	1106	915	4656
Legend 2	2654	1126	860	4641
2J08	2624	1116	894	4634
92807	2592	1132	873	4597
Centurion	2446	1167	964	4577
DK120	2621	1118	784	4523
92809	2601	1022	894	4517
91795	2379	1102	917	4399
Arrow	2436	1095	864	4395
91804	2332	1104	903	4339
3J04	2492	1019	821	4332
2J90	2588	879	837	4304
4J03	2273	1054	817	4144
Beaver	2374	680	603	3657
Harv Mean	2522	1075	864	4460
LSD (5%)	258	138	117	328
CV%	10.0	16.3	14.7	9.7

Pioneer Hi-Bred Ltd. 1993 Seeding, 1995 Harvest,
Chatham

Entry	kg/ha			
	Total	Cut 1	Cut 2	Cut 3
YAL12X	17068.8	8355.2	4502.4	4211.2
91W06PR1	16632.0	7896.0	4569.6	4166.4
92D02CL2	16587.2	7896.0	4536.0	4166.4
92N02CL2	16542.4	8344.0	4256.0	3942.4
92D03CM1	16542.4	8075.2	4412.8	4054.4
YAL46	16531.2	7918.4	4390.4	4222.4
92P04PL1	16508.8	8086.4	4491.2	3931.2
92D01CL2	16430.4	7828.8	4513.6	4088.0
91W05PV1	16430.4	8534.4	3976.0	3908.8
91I02PR1	16385.6	8377.6	4076.8	3931.2
92W07CL2	16385.6	7985.6	4233.6	4155.2
5373	16363.2	8187.2	4222.4	3964.8
5472	16352.0	7761.6	4580.8	4009.6
92N05PL1	16340.8	7862.4	4312.0	4155.2
YAP45	16296.0	7627.2	4390.4	4267.2
92N03CL2	16240.0	8030.4	4278.4	3920.0
LEGEND 2	16172.8	8344.0	3964.8	3864.0
YAL47	16128.0	7828.8	4334.4	3976.0
5311	16116.8	8265.6	3987.2	3864.0
5364	16105.6	7963.2	4110.4	4043.2
91P01PR1	16094.4	7716.8	4323.2	4043.2
92D04CM1	16094.4	8120.0	4088.0	3886.4
5454	16060.8	7761.6	4312.0	3998.4
91P03PV1	16060.8	7896.0	4177.6	3987.2
91I03PR1	15859.2	7862.4	4065.6	3931.2
91I04SR1	15792.0	8075.2	3752.0	3964.8
92P01CM2	15646.4	7694.4	4020.8	3931.2
92P02PM1	15612.8	7336.0	4323.2	3953.6
5333	15590.4	7963.2	3830.4	3796.8
5312	15411.2	7548.8	3718.4	4144.0
92W01PM1	15388.8	7761.6	3886.4	3740.8
5246	15377.6	7985.6	3673.6	3707.2
92N04PL1	15366.4	6843.2	4502.4	4020.8
92W03PE1	15332.8	7548.8	4088.0	3696.0
92I01CM2	15288.0	7302.4	4054.4	3942.4
92I02CL2	15243.2	7414.4	4054.4	3774.4
91P04PS1	15243.2	7347.2	4009.6	3897.6
555	15243.2	7078.4	4020.8	4144.0
120	15232.0	7806.4	3606.4	3819.2
91N02SR1	15232.0	7817.6	3673.6	3740.8
91W04PR1	15153.6	7425.6	4043.2	3684.8
8920MF	15142.4	7582.4	3796.8	3752.0
92W05PE1	15086.4	7582.4	3864.0	3628.8

5262	15019.2	7548.8	3808.0	3662.4
SARANAC	14996.8	7672.0	3617.6	3696.0
92W04PM1	14974.4	7526.4	3707.2	3740.8
YAM48	14974.4	7604.8	3684.8	3684.8
92P03PM1	14907.2	7067.2	3976.0	3864.0
ARROW	14840.0	7616.0	3416.0	3808.0
YAM410	14840.0	7123.2	3752.0	3964.8
92I04PM1	14739.2	7627.2	3684.8	3416.0
91N04SR1	14683.2	6865.6	3942.4	3875.2
92I03PM1	14683.2	7392.0	3617.6	3662.4
5252	14638.4	7448.0	3561.6	3628.8
CENTURION	14627.2	7190.4	3651.2	3785.6
91I01PV1	14515.2	7123.2	3572.8	3819.2
91P02PR1	14347.2	6451.2	3931.2	3976.0
91N06PR1	14347.2	6619.2	3864.0	3864.0
91W02PV1	14324.8	7246.4	3528.0	3550.4
VERNAL	13664.0	7112.0	3124.8	3427.2
Mean	15568	7660.8	4009.6	3886.4
LSD	1341.76	932.96	370.72	377.44
CV %	6.1	8.6	6.5	6.8

Pioneer Hi-Bred Ltd., 1993 Seeding, 1995 Harvest,
Tavistock

Entry	kg/ha			
	Total	Cut 1	Cut 2	Cut 3
92N02CL2	16419.2	7604.8	4312.0	4502.4
92N03CL2	16262.4	7694.4	4166.4	4401.6
92D02CL2	16251.2	7414.4	4278.4	4547.2
YAP45	16105.6	7470.4	4177.6	4457.6
92W03PE1	16083.2	7504.0	4211.2	4368.0
5312	15993.6	7604.8	4256.0	4132.8
91P01PR1	15892.8	7280.0	4244.8	4368.0
92N05PL1	15601.6	7268.8	4099.2	4244.8
YAL12X	15456.0	7280.0	4065.6	4110.4
5472	15422.4	7022.4	4166.4	4233.6
92W07CL2	15411.2	7033.6	4110.4	4256.0
92P01CM2	15400.0	7336.0	3953.6	4110.4
555	15355.2	7033.6	4099.2	4211.2
92P04PL1	15332.8	7011.2	4043.2	4267.2
91W05PV1	15310.4	7448.0	3819.2	4054.4
91I02PR1	15299.2	7347.2	3830.4	4132.8
92P02PM1	15288.0	7044.8	4144.0	4099.2
5262	15276.8	7089.6	4110.4	4076.8
YAL47	15265.6	6921.6	4177.6	4177.6
92N04PL1	15220.8	7100.8	3942.4	4166.4

91W04PR1	15120.0	7190.4	3752.0	4177.6
91I04SR1	15064.0	6921.6	4076.8	4065.6
91W06PR1	14952.0	6798.4	4110.4	4043.2
YAM410	14940.8	6910.4	3998.4	4043.2
5454	14940.8	6977.6	3953.6	4009.6
92W01PM1	14907.2	7280.0	3908.8	3729.6
91N04SR1	14828.8	6596.8	3931.2	4289.6
92I01CM2	14806.4	6820.8	4076.8	3920.0
91I01PV1	14784.0	7403.2	3572.8	3808.0
92D01CL2	14739.2	6664.0	3964.8	4110.4
91P03PV1	14672.0	7044.8	3808.0	3819.2
92I02CL2	14649.6	6664.0	3998.4	3987.2
5364	14627.2	6652.8	3976.0	3998.4
92P03PM1	14548.8	6731.2	3841.6	3987.2
5333	14548.8	7067.2	3617.6	3864.0
8920MF	14504.0	6764.8	3964.8	3774.4
5373	14504.0	6888.0	3796.8	3819.2
YAL46	14470.4	6552.0	3886.4	4032.0
92D03CM1	14470.4	6652.8	3964.8	3852.8
92I03PM1	14425.6	6988.8	3673.6	3763.2
92W04PM1	14403.2	6753.6	3830.4	3819.2
92I04PM1	14380.8	6988.8	3718.4	3684.8
91N02SR1	14358.4	7011.2	3572.8	3785.6
120	14336.0	6932.8	3696.0	3707.2
92W05PE1	14324.8	6697.6	3886.4	3740.8
92D04CM1	14268.8	6652.8	3740.8	3886.4
YAM48	14268.8	6809.6	3572.8	3886.4
91W02PV1	14257.6	6697.6	3662.4	3908.8
SARANAC	13944.0	6507.2	3696.0	3740.8
5311	13910.4	6507.2	3707.2	3696.0
91N06PR1	13910.4	6238.4	3740.8	3931.2
5246	13843.2	6664.0	3449.6	3740.8
91P02PR1	13843.2	6540.8	3539.2	3763.2
ARROW	13832.0	6473.6	3595.2	3763.2
91I03PR1	13708.8	6339.2	3740.8	3640.0
LEGEND 2	13641.6	6171.2	3584.0	3886.4
CENTURION	13630.4	6451.2	3584.0	3595.2
91P04PS1	13574.4	6395.2	3326.4	3852.8
VERNAL	13484.8	6742.4	3505.6	3225.6
5252	13148.8	6608.0	3304.0	3236.8
Mean	14772.8	6921.6	3875.2	3976
LSD	1588.16	888.16	468.16	505.12
CV %	6.6	7.9	7.4	7.8

Northrup King Seeds Ltd.
Alfalfa Trial
Wroxeter, Ontario

Seeded 1994, Harvested 1995

Cultivar	Mean Yield (kg/Ha)			
	Cut 1	Cut2	Cut3	TOTAL
Legend2	3234	1642	1139	6015
EXP A	3159	1653	1165	5977
Arrow	3051	1669	1222	5942
Viking 1	3013	1652	1226	5892
91800	2984	1660	1235	5879
3B19	2909	1739	1218	5866
2B08	3153	1504	1187	5843
Rushmore	3005	1645	1193	5843
3B27	2860	1685	1269	5813
Centurion	2915	1659	1233	5806
3B16	2864	1617	1289	5769
DK120	2945	1636	1072	5652
Saranac	2890	1582	1163	5634
3B21	2820	1601	1183	5604
91795	2704	1652	1063	5419
Prowler 1	2822	1529	937	5287
Harv Mean	2958	1633	1174	5765
LSD (5%)	397	261	179	532
CV%	11.3	14.3	15.4	9.3

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1994, Harvested 1995

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
Legend 2	4208	1531	5739
91800	4253	1344	5597
Prowler 1	4103	1449	5552
Viking 1	4147	1310	5457
3B16	4083	1316	5399
EXP A	3966	1401	5367
Arrow	4034	1314	5348
3B27	3875	1400	5275
Centurion	3739	1503	5241
Rushmore	3838	1366	5204
3B19	3916	1270	5186
3B21	3778	1330	5108
91795	3816	1271	5087
2B08	3703	1331	5034
Saranac	3763	1223	4987
DK120	3856	1109	4964
Harv Mean	3942	1342	5284
LSD (5%)	389	251	477
CV%	9.3	15.6	8.9

PICKSEED ALFALFA TRIAL, 1994 Seeding,
1995 Harvest, Bethany

VARIETY	kg/ha 09-Jun	kg/ha 11-Jul	kg/ha 22-Aug	YIELD TOTAL
Saranac	6919	3230	3556	13705
Centurion	7193	3524	3890	14606
120	6882	2829	3056	12767
Arrow	6295	2965	3459	12719
8920MF	7150	2862	3489	13501
Class	6581	3043	3485	13109
5246	7067	2938	3227	13232
G2833	6643	3197	3421	13261
DK-122	7427	3108	3355	13890
PS94-01	6438	2662	3189	12288
PS94-02	6303	3338	3288	12929
PS94-03	6510	3009	3369	12888
PS94-04	6841	3377	3494	13711
PS94-05	6342	2927	3282	12552
E871	7351	3630	3612	14593
PS93-17	6779	2820	3359	12957
Total	6531	2965	3296	12792
PS4201	6321	3155	3572	13048
PS4202	6736	3638	3414	13787
PS4203	7036	3311	3448	13795
PS4204	7010	2985	3209	13205
PS4205	7251	3519	3612	14382
PS4206	6795	3366	3438	13598
PS4207	7074	2821	3423	13319
PS4208	6934	2669	3238	12842
PS4209	7150	3145	3521	13815
PS4210	6730	3302	3825	13856
PS4211	6706	2755	2984	12445
PS4212	6818	2897	3330	13045
PS4213	6701	3269	3332	13302
PS4214	6950	3040	3425	13415
PS4215	6660	3073	3331	13064
PS4216	6783	3015	3333	13130
PS4217	6639	2872	3356	12868
PS4218	6739	3147	3420	13307
PS4219	6518	3640	3615	13773
PS4220	7003	3321	3335	13658
PS4221	6907	3167	3517	13591
PS4223	6840	2695	3131	12667
PS4224	7097	3118	3102	13318
TEST MEAN	6816.3	3108.6	3393.4	13318.3
CV	5.5	13.5	10.5	10.2
lsd.05	673.1	743.7	621.9	2282.5

PICKSEED ALFALFA TRIAL, 1994 Seeding,
1995 Harvest, Coburg

VARIETY	kg/ha 06-Jun	kg/ha 19-Jul	kg/ha 24-Aug	YIELD TOTAL
Saranac	8212	6611	4939	19763
Centurion	8342	6822	4810	19974
120	8309	5702	4023	18034
Arrow	7801	6276	4579	18656
8920MF	8569	6728	4444	19741
Class	8970	6855	4565	20391
5246	8473	5531	4184	18189
G2833	8661	6795	4712	20168
DK-122	8384	6489	4593	19466
PS94-01	7923	5830	4212	17966
PS94-02	7656	6904	4711	19270
PS94-03	7368	6203	4388	17960
PS94-04	7598	6845	4672	19114
PS94-05	7454	5920	4400	17775
E871	8485	7039	5241	20765
PS93-17	9012	6720	5104	20836
Total	8317	5612	4008	17937
PS4201	6633	6533	4688	17854
PS4202	9364	6353	4597	20314
PS4203	8676	6159	4571	19406
PS4204	8711	6301	4731	19743
PS4205	8747	6374	4847	19969
PS4206	8874	5804	4462	19140
PS4207	8774	6165	4639	19578
PS4208	9410	6513	4683	20607
PS4209	8371	6470	4609	19450
PS4210	7984	6111	4517	18612
PS4211	8236	6047	4474	18758
PS4212	8364	6676	4829	19869
PS4213	8867	6452	4443	19763
PS4214	8618	6352	4546	19515
PS4215	7985	6054	4675	18715
PS4216	8379	6205	4668	19253
PS4217	8146	6443	4634	19223
PS4218	8047	6311	4698	19057
PS4219	8171	6220	4710	19102
PS4220	7959	6271	4698	18928
PS4221	8406	6395	4482	19284
PS4223	8401	6507	4272	19180
PS4224	7298	5904	4591	17793
TEST MEAN	8298.9	6337.7	4591.3	19227.8
CV	9.4	6.5	5.9	4.3
lsd.05	596.0	730.6	479.7	1505.8

PICKSEED ALFALFA TRIAL, 1994 Seeding,
1995 Harvest, Elmira

VARIETY	kg/ha 15-Jun	kg/ha 24-Jul	kg/ha 28-Aug	YIELD TOTAL
Saranac	7048	3879	3271	14198
Centurion	7803	4357	3505	15665
120	7454	3983	3034	14470
Arrow	6876	3498	3035	13409
8920MF	7455	4305	3253	15014
Class	6921	4123	2925	13968
5246	6873	3916	3283	14072
G2833	7067	4030	2944	14041
DK-122	7034	4318	3368	14720
PS94-01	7035	4073	2863	13971
PS94-02	7463	4314	3185	14962
PS94-03	7043	4261	3289	14592
PS94-04	6704	4092	2945	13741
PS94-05	6982	3912	3161	14054
E871	7181	4204	3037	14423
PS93-17	6944	4195	3222	14361
Total	6408	3738	2822	12968
PS4201	6883	4194	3170	14247
PS4202	8217	4341	2919	15477
PS4203	6793	4063	3336	14192
PS4204	6552	4013	3348	13913
PS4205	6875	4178	3376	14429
PS4206	6987	4190	3219	14396
PS4207	7359	4255	3711	15325
PS4208	7702	4383	3395	15480
PS4209	7316	3972	3265	14553
PS4210	6842	4034	3380	14256
PS4211	6990	4040	3137	14167
PS4212	6856	3976	3251	14083
PS4213	6276	3947	3271	13495
PS4214	6853	4217	3205	14274
PS4215	7061	4072	3132	14264
PS4216	6700	4187	3053	13939
PS4217	7013	4096	3317	14426
PS4218	6636	4292	3327	14255
PS4219	6716	3936	3265	13916
PS4220	6950	4094	3012	14056
PS4221	7196	4046	3049	14291
PS4223	6557	3993	2886	13436
PS4224	6285	4262	3175	13722
TEST MEAN	6997.6	4099.5	3183.5	14280.6
CV	5.7	5.6	7.3	4.5
lsd.05	686.2	400.5	408.9	1050.8

PICKSEED ALFALFA TRIAL, 1994 Seeding,
1995 Harvest, Oakwood

VARIETY	12-Jun	kg/ha 11-Jul	kg/ha 23-Aug	YIELD TOTAL
Saranac	8092	4561	4326	16979
Centurion	8065	5094	4027	17186
120	8456	4227	3648	16331
Arrow	7975	4256	4159	16390
8920MF	7523	4422	3952	15897
Class	7894	4344	4271	16509
5246	7996	4375	4102	16474
G2833	7919	4609	4264	16791
DK-122	7855	4174	3963	15991
PS94-01	7314	4076	4348	15738
PS94-02	7550	4404	4022	15976
PS94-03	7300	4601	4187	16088
PS94-04	7625	4399	4315	16338
PS94-05	7080	4297	4146	15523
E871	8257	4708	4392	17357
PS93-17	7606	4340	4249	16195
Total	7680	4379	3713	15772
PS4213	8097	4896	4166	17159
PS4214	7168	4463	4296	15927
PS4215	7550	4286	3965	15801
PS4216	7536	4233	6072	17842
PS4217	6758	3979	3690	14426
PS4218	7471	4379	3847	15697
PS4219	7051	4519	3891	15461
PS4220	7567	4264	4090	15922
PS4221	7624	4397	4308	16329
PS4223	6871	4634	4003	15508
PS4224	8045	4096	4343	16484
TEST MEAN	7640.2	4407.6	4169.8	16217.5
CV	4.4	6.6	15.9	4.8
lsd.05	618.9	529.0	1145.7	1416.7

Pioneer Hi-Bred Ltd., 1994 Seeding, 1995 Harvest,
Chatham

Entry	kg/ha			
	Total	Cut 1	Cut 2	Cut 3
93I03CM1	18177.6	8971.2	4625.6	4580.8
93D03CM2	18065.6	9150.4	4513.6	4401.6
92P04PL1	18043.2	8792.0	4793.6	4457.6
YAL46	18043.2	8948.8	4670.4	4424.0
LEGENDAIRY	18043.2	8870.4	4592.0	4580.8
93P02PL1	17841.6	8814.4	4704.0	4323.2
ZAL23	17774.4	8881.6	4536.0	4356.8
93I04PL1	17740.8	8881.6	4457.6	4401.6
92P02PM1	17584.0	8792.0	4457.6	4323.2
SARANAC	17584.0	8422.4	4592.0	4558.4
92W01PM1	17572.8	8993.6	4368.0	4211.2
5454	17539.2	8668.8	4513.6	4356.8
93N03PL1	17494.4	8803.2	4480.0	4211.2
YAL47	17449.6	8590.4	4502.4	4356.8
92N02CL2	17438.4	8579.2	4502.4	4356.8
CENTURION	17438.4	8780.8	4312.0	4334.4
92P01CM2	17438.4	8937.6	4211.2	4267.2
YAM410	17348.8	8657.6	4513.6	4177.6
93W02SM1	17304.0	9016.0	4132.8	4155.2
93P03PL1	17203.2	8601.6	4345.6	4267.2
92N03CL2	17192.0	8153.6	4334.4	4704.0
92W04PM1	17169.6	8848.0	4211.2	4110.4
DK133	17147.2	8646.4	4267.2	4233.6
5262	17091.2	8556.8	4390.4	4144.0
5312	17080.0	8825.6	3886.4	4368.0
93I01CE1	17068.8	8433.6	4244.8	4390.4
92D02CL2	17046.4	8019.2	4681.6	4345.6
5432	17046.4	8254.4	4614.4	4177.6
92D03CM1	17024.0	8209.6	4513.6	4300.8
93N02PM1	17012.8	8243.2	4435.2	4334.4
93P04PM1	17012.8	8310.4	4390.4	4312.0
93N06PM1	17001.6	8691.2	4323.2	3998.4
93N05PM1	16945.6	8635.2	4188.8	4121.6
93N01PL1	16945.6	8657.6	4267.2	4020.8
92I03PM1	16878.4	8612.8	4110.4	4144.0
92N05PL1	16800.0	7952.0	4569.6	4278.4
93W01SM1	16643.2	8288.0	4300.8	4054.4
93I06PL1	16632.0	8220.8	4132.8	4278.4
93I02CM1	16609.6	8075.2	4256.0	4278.4
92W07CL2	16609.6	7862.4	4502.4	4244.8
93P01PL1	16587.2	8086.4	4043.2	4155.2
555	16576.0	8321.6	4110.4	4144.0
92D04CM1	16553.6	8052.8	4379.2	4121.6
92W03PE1	16553.6	8545.6	3998.4	4009.6
92W05PE1	16486.4	8400.0	3987.2	4099.2
93W04PM1	16475.2	8411.2	3998.4	4076.8

92I04PM1	16464.0	8422.4	3976.0	4065.6
92D01CL2	16430.4	7638.4	4558.4	4222.4
92I01CM2	16396.8	7873.6	4524.8	4009.6
5246	16352.0	8355.2	3998.4	3998.4
ARROW	16296.0	7996.8	4065.6	4233.6
93D02PM1	16262.4	8164.8	4043.2	4054.4
92N04PL1	16228.8	7459.2	4547.2	4233.6
93D04PM1	16139.2	7963.2	4009.6	4166.4
92I02CL2	16128.0	7985.6	4009.6	4132.8
XAM24X	15960.0	7907.2	3931.2	4110.4
93W03PM1	15937.6	7515.2	4267.2	4155.2
120	15892.8	8254.4	3740.8	3897.6
93D01CL2	15747.2	7470.4	4222.4	4054.4
VERNAL	15691.2	8433.6	3528.0	3729.6
91P04PS1	15657.6	7571.2	4076.8	4009.6
92P03PM1	15635.2	7369.6	4155.2	4110.4
93N04PL1	15489.6	7011.2	4244.8	4233.6
93I05PL1	15198.4	7246.4	3998.4	3964.8
Mean	16867.2	8344	4300.8	4222.4
LSD	1540	1034.88	479.36	402.08
CV %	5.6	7.6	6.8	5.8

Pioneer Hi-Bred Ltd., 1994 Seeding, 1995 Harvest,
Tavistock

Entry	kg/ha			
	Total	Cut 1	Cut 2	Cut 3
92N03CL2	16083.2	7358.4	4177.6	4547.2
92P01CM2	15892.8	7190.4	4323.2	4379.2
LEGENDAIRY	15724.8	7011.2	4312.0	4401.6
93P04PM1	15579.2	7000.0	4099.2	4480.0
93I02CM1	15534.4	7011.2	4076.8	4446.4
93N01PL1	15523.2	6888.0	4032.0	4592.0
93N03PL1	15500.8	7067.2	4132.8	4300.8
XAM24X	15400.0	7044.8	3886.4	4468.8
5454	15366.4	6776.0	4233.6	4356.8
93W03PM1	15366.4	6708.8	4222.4	4435.2
93D01CL2	15310.4	6955.2	3942.4	4401.6
92N05PL1	15299.2	6776.0	4132.8	4379.2
YAL47	15288.0	6697.6	4088.0	4502.4
92N04PL1	15276.8	6574.4	4323.2	4379.2
93I05PL1	15209.6	6563.2	4177.6	4468.8
CENTURION	15198.4	6518.4	4155.2	4524.8
93D04PM1	15187.2	6932.8	3920.0	4334.4
92W07CL2	15176.0	6529.6	4188.8	4457.6
92W05PE1	15164.8	6507.2	4099.2	4547.2
93I01CE1	15153.6	6809.6	4088.0	4256.0
5312	15131.2	6742.4	4009.6	4379.2
92D02CL2	15120.0	6339.2	4278.4	4502.4
93I04PL1	15120.0	6283.2	4368.0	4457.6
93I03CM1	15108.8	6462.4	4334.4	4312.0
92P02PM1	15064.0	6529.6	4132.8	4401.6
555	15064.0	6652.8	4065.6	4345.6
92W04PM1	15019.2	6417.6	4547.2	4054.4
ARROW	14929.6	6955.2	3852.8	4121.6
YAM410	14884.8	6921.6	3808.0	4155.2
DK133	14884.8	6630.4	3852.8	4401.6
93P01PL1	14873.6	6540.8	4054.4	4278.4
93N06PM1	14862.4	6664.0	4009.6	4200.0
92I01CM2	14862.4	6249.6	4177.6	4435.2
92D03CM1	14851.2	6764.8	3953.6	4132.8
93W02SM1	14851.2	6630.4	3942.4	4278.4
93P02PL1	14817.6	6652.8	4043.2	4121.6
93W01SM1	14806.4	6406.4	4233.6	4166.4
91P04PS1	14761.6	6238.4	4099.2	4424.0
SARANAC	14750.4	6339.2	3976.0	4435.2
ZAL23	14750.4	6708.8	4099.2	3942.4
92P03PM1	14739.2	6484.8	4099.2	4155.2
92W03PE1	14705.6	6809.6	3920.0	3987.2
YAL46	14705.6	6036.8	4222.4	4435.2
93N02PM1	14649.6	6619.2	3808.0	4222.4
93D02PM1	14638.4	6708.8	3841.6	4088.0
92D01CL2	14593.6	6048.0	4233.6	4300.8

93N05PM1	14537.6	6619.2	3673.6	4244.8
93W04PM1	14526.4	6518.4	3819.2	4188.8
93I06PL1	14504.0	6115.2	4099.2	4300.8
5246	14492.8	6764.8	3628.8	4099.2
92N02CL2	14470.4	6428.8	3953.6	4088.0
92I02CL2	14436.8	6204.8	4009.6	4222.4
120	14436.8	6529.6	3908.8	3998.4
92I03PM1	14414.4	6518.4	3718.4	4177.6
92W01PM1	14358.4	6126.4	4144.0	4088.0
5262	14291.2	6126.4	3886.4	4267.2
92P04PL1	14280.0	6552.0	3707.2	4020.8
93N04PL1	14235.2	6137.6	3841.6	4244.8
5432	14179.2	6137.6	3976.0	4065.6
93P03PL1	14179.2	6249.6	3875.2	4054.4
92D04CM1	14168.0	6081.6	3976.0	4110.4
VERNAL	14044.8	6395.2	3662.4	3987.2
92I04PM1	13988.8	6507.2	3696.0	3785.6
93D03CM2	13809.6	6126.4	3595.2	4088.0
Mean	14873.6	6574.4	4032	4278.4
LSD	1310.4	840	501.76	423.36
CV %	5.4	7.8	7.6	6.1

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1991, Harvested 1995
2 Cut Trial

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

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
DK120	5367	2662	8029
Arrow	5240	2681	7921
NKEXP B	5071	2615	7686
NKEXP C	5145	2062	7207
Saranac	4621	2289	6910
Spredor 2	4591	2293	6884
Heinrichs	4515	2340	6855
Beaver	4704	1996	6700
Spredor 3	4560	2140	6700
Harv Mean	4868	2342	7210
LSD (5%)	605	437	840
CV%	11.2	16.6	10.8

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1992, Harvested 1995
2 CUT TRIAL

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

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
Arrow	5346	2580	7926
DK120	4931	2687	7619
Spredor 2	4783	2636	7419
Saranac	5196	2192	7388
Spredor 3	4956	2350	7306
91795	4711	2529	7240
Heinrichs	4362	2258	6619
EXP D	4445	2120	6565
Beaver	4285	2223	6509
Harv Mean	4780	2397	7177
LSD (5%)	545	341	559
CV%	11.1	13.1	8.9

Northrup King Seeds Ltd.
Alfalfa Trial
London, Ontario

Seeded 1993, Harvested 1995
2 CUT TRIAL

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

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
Centurion	4261	2334	6596
DK120	4190	2140	6330
Arrow	3990	2091	6081
Spredor 3	3881	1984	5865
Iroquois	3947	1918	5865
Saranac	4748	2048	5796
OAC Minto	4706	2014	5719
Spredor 2	3878	1812	5689
91795	3831	1841	5672
Beaver	3490	1694	5184
Harv Mean	3892	1988	5880
LSD (5%)	635	293	834
CV%	12.7	15.6	12.4

Northrup King Seeds Ltd.
Alfalfa Trial
Wroxeter, Ontario

Seeded 1993, Harvested 1995
2 CUT TRIAL

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

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
DK120	4166	2535	6701
Iroquois	4228	2388	6616
Spredor 3	4333	2207	6540
OAC Minto	3980	2531	6511
Arrow	3095	2345	6440
Centurion	3652	2642	6294
Saranac	3726	2511	6237
91795	3778	2416	6195
Spredor 2	3764	2201	5965
Beaver	3616	2267	5882
Harv Mean	3934	2404	6338
LSD (5%)	656	477	951
CV%	13.6	17.6	12.0

Northrup King Seeds Ltd.
Alfalfa Trial
Wroxeter, Ontario

Seeded 1994, Harvested 1995
2 CUT TRIAL

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

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
2T02	5539	1979	7518
Centurion	5580	1878	7458
Viking 1	5355	1949	7304
Prowler 1	5451	1690	7141
Arrow	5377	1763	7141
Spredor 3	5521	1565	7086
Iroquois	5363	1645	7008
OAC Minto	5167	1779	6946
DK120	4724	1941	6665
Saranac	4906	1749	6655
Spredor 2	5111	1501	6612
2T106	4860	1647	6508
91795	4718	1411	6129
Beaver	4498	1519	6016
Harv Mean	5155	1715	6870
LSD (5%)	660	305	796
CV%	12.2	16.7	11.2

TIMOTHY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED IN FORAGE BROCHURE

Alexander	Climax	Mariposa	Timfor
Argus	Colt	Nike	Toro
Basho	Dynasty	NorMax	
Carola	Glenmor	Richmond	
Champ	Itasca	Saguenay	

VARIETIES RECOMMENDED FOR THE FIRST TIME IN THE FORAGE BROCHURE

<u>Varieties</u>	<u>Designation in Trials</u>	<u>Code # in Trials</u>	<u>Entry Year</u>
Colt	TM8601	6123	1991
Saguenay	SV8505	6116	1990

VARIETIES UNDER TEST - Before 1994

<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 (4)	-
6116	SV8505	Bonis	Recommended, named Saguanay	17
6121	T120	Oseco	No support 95, re-examine 96	18
6122	RVP03	Oseco	No support 95, re-examine 96	18
6123	TM8601	N.K.	Recommended, named Colt	18
6124	HT31	Pickseed	Reg.,no support 95, re-examine 96	18
	(Comtal)			
6125	PXTI-04	Ottawa	No support 95, re-examine 96	11
6126	PXTI-20	Ottawa	No support 93, re-examine 96	11
6127	PXTF-06	Ottawa	No support 95, re-examine 96	11
6128	SF8307A	Ste Foy	No support 94, re-examine 96	11
6129	SF8601	Ste Foy	No support, 95, re-examine 96	11
6130	SF8605	Ste Foy	Supported, defer (1)	11
6131	PXTI-08	Ottawa	No support 95, re-examine 96	7
6132	PXTI-11	Ottawa	Supported, defer (1)	7
6133	Jonathan	Oseco	No support 95, re-examine 96	7

Varieties Under Test

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
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VARIETIES UNDER TEST - EARLY HARVEST

6117	Axel	Brett-Young		4
6128	SF8307A	Ste Foy		4
6129	SF8601	Ste Foy		4
6130	SF8605	Ste Foy		4
6131	PXTI-08	Ottawa		4
6132	PXTI-11	Ottawa		4
6134	TM8901	Oseco		0

VARIETIES UNDER TEST, LATE HARVEST

6116	SV8505	SeedLink		3
6121	T120	Oseco		3
6122	RVP03	Oseco		3
6124	HT31	Pickseed		3
6125	PXTI-04	Ottawa		3
6126	PXTI-20	Ottawa		3
6127	PXTF-06	Ottawa		3
6131	PXTI-08	Ottawa		3

Timothy registration trial, seeded 1991
harvested 1995, Thunder Bay

CULTIVAR	MEAN YIELD (kg/ha)	
	CUT 1	TOTAL
6002 CLIMAX	4803	4803
6040 TIMFOR	4941	4941
6114 SV8414	4640	4640
6115 SV8406	4853	4853
6116 SV8505	5785	5785
6117 AXEL	4551	4551
6118 EXTREMO	4548	4548
6119 LIPHLEA	4737	4737
6120 PXTE-05	5541	5541
6121 T120	4673	4673
6122 RVP03	4853	4853
6123 TM8601	4581	4581
6124 HT 31	4536	4536
Harv means	4849	4849
CV %	10.6	10.6
LSD (5%)	617.4	617.4

Timothy registration trial, seeded 1992,
harvested 1995 ,Kapuskasing

CULTIVARS	YIELD (kg DM/ha)		
	C-1	C-2	TOTAL
TM8601	3743	2866	6609
RVP03	3563	2893	6456
PXTI-20	3457	2376	5833
TIMFOR	3281	2454	5619
SF8605	3517	2052	5569
PXTI-04	2950	2520	5470
SF8307A	3196	2249	5445
HT31	3061	2380	5441
CLIMAX	3045	2337	5382
T 120	2580	2408	4988
PXTF-06	2533	2399	4932
SF8601	2944	1512	4456
MEAN	3156	2371	5517
C.V. %	13.1	14.6	8.1
L.S.D.5%	701	586	759

Timothy registration trial, seeded 1993
harvested 1995, Elora

		Mean Yield (kg/ha)		
Cultivar		Cut 1	Cut 2	Total
6002	CLIMAX	4177	2273	6450
6040	TIMFOR	4144	2655	6799
6121	T120	4821	2008	6829
6122	RVP03	4753	2246	7000
6123	COLT	4804	2680	7484
6124	HT 31	4234	2056	6290
6125	PXTI-04	3626	1882	5508
6126	PXTI-20	3695	2200	5895
6127	PXTF-06	4000	2558	6558
6128	SF8307A	4627	2283	6909
6129	SF8601	4361	2398	6760
6130	SF8605	4934	2848	7782
6131	PXTI-08	4292	2379	6671
6132	PXTI-11	5622	2439	8061
6133	JONATHAN	4097	1403	5499
Harv means		4413	2287	6700
CV %		10.1	15.7	10.2
LSD (5%)		529.3	428.9	814.6

Timothy registration trial, 1993 seeded, 1995
harvest, Ottawa

Variety	Code	yield (kg/ha)	
		Cut1	Total
CLIMAX	6002	5313	5313
TIMFOR	6040	5090	5090
T 120	6121	4517	4517
RVP03	6122	4296	4296
TM8601	6123	4525	4525
HT31	6124	4584	4584
PXTI-04	6125	4491	4491
PXTI-20	6126	4944	4944
PXTF-06	6127	4260	4260
SF8307A	6128	4192	4192
SF8601	6129	4380	4380
SF8605	6130	3964	3964
PXTI-08	6131	4228	4228
PXTI-11	6132	4784	4784
JONATHAN	6133	4490	4490
Mean		4537	4537
CV %		10.4	10.4

Timothy registration trial, seeded 1993,
Harvested 1995, Kapuskasing

		YIELD (kg DM/ha)		
CULTIVARS		C-1	C-2	TOTAL
TIMFOR	6040	2481	1457	3938
PXTF-06	6127	2499	1311	3810
TM8601	6123	2350	1453	3803
PXTI-11	6132	2537	1263	3800
JONATAN	6133	2630	1151	3781
PXTI-04	6125	2193	1526	3719
RVP03	6122	2644	1059	3703
T 120	6121	2404	1259	3663
SF8307A	6128	2373	1268	3641
PXTI-08	6131	2016	1597	3613
SF8605	6130	2272	1338	3610
CLIMAX	6002	2191	1354	3545
PXTI-20	6126	2155	1327	3482
SF8601	6129	2142	1291	3433
HT31	6124	2259	1160	3419
MEAN		2343	1321	3664
C.V. %		9.6	14.1	8.5
L.S.D.5%		322	265	448

Early harvest timothy registration trial, seeded 1994
harvested 1995, Elora

		Mean Yield (kg/ha)		
Cultivar		Cut 1	Cut 2	Total
6005	CHAMP	5554	2494	8048
6009	BASHO	6256	2370	8626
6030	TORO	5936	2611	8547
6040	TIMFOR	6438	1958	8396
6050	RICHMOND	5671	2474	8145
6074	GLENMORE	5906	1909	7815
6087	81006	5460	1823	7283
6117	AXEL	5042	2567	7609
6123	COLT	5081	2430	7511
6128	SF8307A	5877	1812	7689
6129	SF8601	5110	2060	7170
6130	SF8605	5013	2448	7462
6131	PXTI-08	6074	2156	8229
6132	PXTI-11	5120	2493	7613
Harv means		5610	2257	7867
CV %		18.7	9.3	13.2
LSD (5%)		1256.4	252.8	1245.3

Timothy registration trial-Early harvest, seeded
1994, harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
CHAMP	6005	5270	4164	9434
BASHO	6009	5911	4052	9962
TORO	6030	5408	3826	9234
TIMFOR	6040	5720	4163	9883
RICHMOND	6050	5375	4136	9511
GLENMOR	6074	6147	3493	9640
NIKE	6087	5807	3741	9547
AXEL	6117	5320	4092	9412
TM8601	6123	5425	3880	9304
SF8307A	6128	5967	3894	9860
SF8601	6129	5438	4165	9602
SF8605	6130	4923	3750	8673
PXTI-08	6131	5381	3921	9302
PXTI-11	6132	5218	3496	8714
Mean		5522	3912	9434
CV %		8.3	11.9	7.6

Early harvest timothy variety trial, seeded 1994
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL YIELD
		JUNE 26	AUG 16	
TORO	6030	6854	3264	10118
RICHMOND	6050	6483	3406	9888
SF 8307A	6128	6755	3101	9856
SF 8605	6130	6062	3531	9593
TIMFOR	6040	6190	3340	9530
TM 8601	6123	6149	3371	9520
SF 8601	6129	5835	3411	9246
BASHO	6009	5526	3632	9158
NIKE	6087	6269	2882	9151
CHAMP	6005	5805	3239	9044
GLENMORE	6074	6059	2839	8898
PXTI-08	6131	5686	3177	8864
PXTI-11	6132	6267	2355	8622
AXEL	6117	5256	3106	8363
AVERAGE		6085	3190	9275
LSD(.05)		N/S	655 kg/ha	N/S
LSD(.01)		N/S	N/S	N/S
C.V.		11.73 %	14.36 %	8.16%

Early Timothy registration trial, seeded 1994,
harvested 1995 , Kapuskasing

		YIELD (kg DM/ha)		
CULTIVARS		C-1	C-2	TOTAL
RICHMOND	6050	4894	2802	7696
PXTI-11	6132	4936	2556	7492
CHAMP	6005	4506	2889	7395
AXEL	6117	4585	2617	7202
TORO	6030	4563	2582	7145
TIMFOR	6040	4792	2202	6994
SF8605	6130	4515	2453	6968
BASHO	6009	4497	2409	6906
SF8601	6129	4328	2562	6890
TM8601	6123	4578	2286	6864
SF8307A	6128	4681	2144	6825
GLENMOR	6074	4214	2583	6797
PXTI-08	6131	4752	2033	6785
NIKE	6087	4318	2286	6604
MEAN		4583	2457	7040
C.V. %		6.2	12.5	5.6
L.S.D.5%		408	439	571

Late harvest timothy registration trial, seeded 1994
harvested 1995, Elora

		Mean Yield (kg/ha)		
Cultivar		Cut 1	Cut 2	Total
6002	CLIMAX	7090	3551	10641
6026	ITASCA	7179	3362	10541
6066	NORMAX	5961	4001	9962
6075	WINMOR	7231	2919	10150
6081	MARIPOSA	7326	3801	11126
6086	ALEXANDER	7884	2987	10871
6093	81009	7732	2383	10114
6095	ARGUS	7443	2550	9993
6097	CAROLA	7520	3648	11168
6116	SV8505	6695	3134	9829
6121	T120	6447	3290	9737
6122	RVP03	6617	3072	9689
6124	HT 31	6907	2515	9422
6125	PXTI-04	5662	4267	9929
6126	PXTI-20	7430	3021	10451
6127	PXTF-06	6988	3662	10650
6131	PXTI-08	7078	3296	10374
6133	JONATHAN	6579	1732	8312
Harv means		6987	3177	10164
CV %		9.6	11.0	7.3
LSD (5%)		797.8	417.3	882.4

Timothy registration trial-Late harvest, seeded
1994, harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
CLIMAX	6002	6518	3742	10259
ITASCA	6026	6465	4001	10467
NORMAX	6066	5648	3786	9434
WINMOR	6075	5870	3083	8952
MARIPOSA	6081	5628	3650	9278
ALEXANDER	6086	6034	3987	10021
81009	6093	6389	3624	10013
ARGUS	6095	6696	3086	9782
CAROLA	6097	6109	3410	9519
SV8505	6116	6318	3244	9562
T120	6121	6048	3307	9355
RVP03	6122	5892	3146	9038
HT-31	6124	6029	2950	8979
PXTI-04	6125	5167	3574	8741
PXTI-20	6126	6534	3371	9904
PXTF-06	6127	5882	3871	9753
PXTI-08	6131	6207	3611	9818
JONATHAN	6133	6338	2440	8777
Mean		6098	3438	9536
CV %		7.1	7.4	6.1

Late harvest timothy trial, seeded 1994, harvested 1995,
New Liskeard

VARIETY	CODE	FIRST CUT JULY 4	Total
T 120	6121	7028	7028
PXTI-04	6125	6371	6371
CAROLA	6097	6810	6810
ALEXANDER	6086	7341	7341
PXTF-06	6127	6697	6697
WINMOR	6075	6987	6987
PXTI-20	6126	6918	6918
ITASCA	6026	6708	6708
CLIMAX	6002	6757	6757
SV 8505	6116	6232	6232
81009	6093	6977	6977
NORMAX	6066	6214	6214
RVP03	6122	6306	6306
ARGUS	6095	6655	6655
MARAPOSA	6081	6021	6021
PXTI-08	6131	6492	6492
HT-31	6124	6257	6257
JONATHON	6133	5827	5827
AVERAGE		6588.75	6588.75
LSD (.05)		N/S	N/S
LSD (.01)			
C.V.		13.72 %	13.72 %

ORCHARDGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Hallmark	Mobite	Rapido
Juno	AC Splendor	Sumas
OKAY	Napier	Benchmark
Kay	Jay	DS 7

VARIETIES UNDER TEST

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status of Yield Data</u>	<u>Station Years</u>
3086	OG8705	GROWMARK	Support for reg., defer (1)	15
3087	Weibull H94	Oseco	No support 95, re-examine 96	13
3088	PXOF-21	Ottawa	No support 95, re-examine 96	
3089	PXOF-37	Ottawa	No support 95, re-examine 96	
3090	PX0I-10	Ottawa	No support 95, testing complete	13
3091	Arctic	Oseco	Registered	6
				7

Orchardgrass registration trial, seeded 1992
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
3001 JUNO	4286	1492	1761	7540
3003 KAY	3932	1512	1534	6978
3009 NAPIER	4401	1600	1901	7902
3027 HALLMARK	4520	1627	1991	8138
3046 SUMAS	3863	1469	1709	7041
3066 RAPIDO	4262	1529	1794	7584
3069 RANCHO	4004	1501	1719	7224
3076 MOBITE	2395	1735	1525	5655
3086 OG8705	4243	1471	1931	7645
3087 WEIBULL H94	3206	1516	1443	6166
3088 PXOF-21	4913	1456	1707	8077
3089 PXOF-37	4533	1734	1833	8100
3090 PXOI-10	3475	1440	1673	6588
Harv means	4003	1545	1732	7280
CV %	7.2	8.8	10.0	5.3
LSD (5%)	343.5	162.6	208.4	465.6

Orchardgrass registration trial, seeded 1993
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
3001 JUNO	4294	1497	1692	7483
3003 KAY	3630	1346	1471	6447
3009 NAPIER	4250	1713	1811	7774
3027 HALLMARK	4359	1822	1957	8139
3066 RAPIDO	4094	1749	1693	7536
3069 RANCHO	3817	1648	1762	7227
3072 DS7	3782	1617	1686	7084
3075 BENCHMARK	4350	1628	1728	7707
3076 MOBITE	2315	1655	1499	5470
3079 OKAY	3347	1574	1416	6338
3086 OG8705	4759	1816	1915	8489
3087 WEIBULL H94	2467	1482	1681	5631
3088 PXOF-21	4729	1695	1846	8270
3089 PXOF-37	4363	1501	1678	7542
3091 ARTIC	3008	1370	1350	5729
Harv means	3838	1608	1679	7124
CV %	9.5	12.4	15.2	8.8
LSD (5%)	435.9	236.4	303.8	748.5

ORCHARD GRASS TRIAL, seeded 1993,
Harvested 1995, Kapuskasing

CULTIVARS	CODES	YIELD (Kg DM/ha)			TOTAL
		C-1	C-2	C-3	
ARTIC	3091	2306	2128	511	4945
BENCHMARK	3075	1434	2540	1297	5271
DS-7	3072	1380	2827	1370	5577
HALLMARK	3027	1713	2573	1450	5736
JUNO	3001	1699	2244	762	4705
KAY	3003	1908	2355	559	4822
MOBITE	3076	1408	2798	749	4955
NAPIER	3009	2037	2501	1086	5624
OG8705	3086	1710	2676	1039	5425
OKAY	3079	2202	2215	838	5255
PXOF-21	3088	1787	2353	935	5075
PXOF-37	3089	1964	2383	1067	5414
RANCHO	3069	1664	2751	1110	5525
RAPIDO	3066	1750	2421	1112	5283
WEIBUL H94	3087	2197	2138	620	4955
MEAN		1811	2460	967	5238
CV %		13.2	11.3	17.8	8.4
L.S.D. 5%		400	466	289	738

Orchardgrass registration trial, seeded 1994
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
3001 JUNO	4850	1789	2074	8714
3003 KAY	4349	1913	1773	8035
3009 NAPIER	4039	1833	2092	7964
3027 HALLMARK	4297	2305	2303	8905
3066 RAPIDO	4111	1973	2172	8257
3069 RANCHO	4530	1938	2050	8518
3072 DS7	4955	1907	2070	8932
3075 BENCHMARK	4656	2338	2434	9428
3076 MOBITE	4271	2229	1968	8467
3079 OKAY	4937	1906	1741	8583
3086 OG8705	4537	1966	2020	8523
3087 WEIBULL H94	3885	2077	1939	7900
3088 PXOF-21	4920	2001	2169	9090
3089 PXOF-37	5020	1968	1949	8937
3091 ARTIC	4318	1895	1981	8194
Harv means	4512	2002	2049	8563
CV %	10.2	10.7	11.9	7.6
LSD (5%)	549.0	254.9	289.2	774.1

Orchardgrass registration trial, seeded 1994, harvested
1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
JUNO	3001	4874	3609	8482
KAY	3003	5323	3614	8937
NAPIER	3009	4904	3687	8591
HALLMARK	3027	5160	4026	9187
RANCHO	3069	4691	3844	8535
RAPIDO	3066	5031	3487	8517
MOBITE	3076	4812	3619	8431
DS-7	3072	4434	4047	8481
BENCHMARK	3075	4846	3785	8631
OKAY	3079	4674	3743	8417
OG8705	3086	4818	3599	8417
WEIBULL H94	3087	4886	3519	8405
PXOF-21	3088	4927	3663	8590
PXOF-37	3089	4883	3488	8372
ARCTIC	3091	5300	3222	8522
Mean		4904	3663	8567
CV %		10.4	11.2	8.9

Orchardgrass registration trial, seeded 1994
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
3001 JUNO	4529	2929	7458
3003 KAY	4847	2741	7588
3009 NAPIER	3695	3082	6777
3027 HALLMARK	3652	3076	6727
3066 RAPIDO	3821	3116	6937
3069 RANCHO	3801	3042	6844
3072 DS7	3701	3003	6703
3075 BENCHMARK	3988	2812	6800
3076 MOBITE	3306	2952	6258
3079 OKAY	4602	2601	7203
3086 OG8705	4131	2928	7060
3087 WEIBULL H94	5146	2244	7390
3088 PXOF-21	4019	2721	6739
3089 PXOF-37	4302	2756	7058
3091 ARTIC	5039	2316	7355
Harv means	4172	2821	6993
CV %	11.4	13.0	8.8
LSD (5%)	566.7	436.1	734.3

BROMEGRASS VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Baylor Beacon Bravo Saratoga Radisson

VARIETIES UNDER TEST

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
2049	86B	Szego	Support for reg., defer (4)	13
2052	PXBD-28	Ottawa	No support 95, testing completed	13
2053	Grasslands Quality Gala			0
2054	Paddock	Seed Link		5
2053	Cottonwood	OSECO		5

Bromegrass variety trial, seeded 1991
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL YIELD
		JUNE 19	AUG 16	
BRAVO	2039	5307	4516	9823
86 B	2049	4767	4992	9758
REBOUND	2050	5040	4655	9694
SARATOGA	2002	4803	4724	9527
TEMPO	2024	4936	4140	9076
BAYLOR	2001	4956	4110	9066
BEACON	2027	5032	3967	8999
RADISON	2051	4812	3974	8786
AVERAGE		4957	4385	9341
LSD (.05)		N/S	N/S	N/S
LSD (.01)		N/S	N/S	N/S
C.V.		10.28 %	14.35 %	7.21 %

Bromegrass variety trial, seeded 1993, harvested
1995, Ottawa

Variety	Code	Yield (kg/ha)	
		Cut1	Total
BAYLOR	2001	6860	6860
SARATOGA	2002	7073	7073
TEMPO	2024	6975	6975
BEACON	2027	6748	6748
BRAVO	2039	6421	6421
PXBD-28	2052	7160	7160
RADISSON	2051	7393	7393
Mean		6947	6947
CV		10.3	10.3

Bromegrass variety trial, seeded 1993
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT JUNE 20	SECOND CUT AUG 16	TOTAL YIELD
BRAVO	2039	5056	3710	8766
TEMPO	2024	4607	3755	8362
RADISSON	2051	4076	4231	8307
SARATOGA	2002	4209	3443	7653
BAYLOR	2001	4157	3242	7398
PXBD-28	2052	3508	3410	6918
BEACON	2027	3512	3133	6645
AVERAGE		816	N/S	1254
LSD(.05)		1119	N/S	N/S
LSD(.01)				
C.V.		13.21 %	15.82 %	10.94 %

Bromegrass registration trial, seeded 1993,
harvested 1995, Kapuskasing

		YIELD (kg DM/ha)		
CULTIVARS		C-1	C-2	TOTAL
SARATOGA	2002	2629	2923	5552
BRAVO	2039	2900	2397	5297
TEMPO	2024	2526	2476	5002
BAYLOR	2001	2208	2568	4776
RADISSON	2051	2430	2326	4756
BEACON	2027	2234	1949	4183
PXBD-28	2052	1997	1547	3544
MEAN		2418	2312	4730
C.V. %		9.3	12.2	8.0
L.S.D. 5%		335	421	5.6

Bromegrass registration trial, seeded 1994
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
2001 BAYLOR	6459	4528	10987
2002 SARATOGA	5933	4251	10184
2027 BEACON	6711	4849	11559
2039 BRAVO	6149	4666	10816
2051 RADISSON	6060	4616	10677
2053 GRASSLANDS G	0	0	0
2054 PADDOCK	5420	3798	9218
2055 COTTONWOOD	6013	4210	10223
Harv means	5343	4141	9484
CV %	14.2	16.5	12.6
LSD (5%)	921.5	830.7	1457.9

Bromegrass registration trial, seeded 1994,
harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
BAYLOR	2001	7394	3996	11391
SARATOGA	2002	7202	3617	10819
BEACON	2027	7437	4263	11700
BRAVO	2039	7512	3762	11273
RADISSON	2051	7866	4274	12140
PADDOCK	2054	5209	3584	8792
COTTONWOOD	2055	7243	3515	10758
Mean		7123	3859	10982
CV %		10.1	11.7	9.0

Bromegrass variety test, seeded 1994
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT JUNE 19	SECOND CUT AUG 16	TOTAL YIELD
BRAVO	2039	7479	5193	12672
SARATOGA	2002	7371	4452	11823
BEACON	2027	7475	4240	11716
RADISSON	2051	7635	3814	11448
BAYLOR	2001	7340	3992	11332
PADDOCK	2054	6538	4535	11072
COTTONWOOD	2055	6692	4051	10743
AVERAGE		7219	4325	11544
LSD (.05)		NS	NS	NS
LSD (.01)		NS	NS	NS
C.V.		11.55 %	17.55 %	10.06 %

Bromegrass registration trial, seeded 1994,
Harvested 1995, Kapuskasing

YIELD (Kg DM/ha)

CULTIVARS	CODES	C-1	C-2	TOTAL
BEACON	2027	3908	2069	5977
BRAVO	2039	3367	2516	5883
SARATOGA	2002	3123	2610	5733
BAYLOR	2001	2757	2776	5534
PADDOCK	2054	2639	2383	5022
COTTONWOOD	2055	2845	1713	4558
RADISSON	2051	2787	1783	4570
MEAN		3061	2264	5325
CV%		13.1	12.3	11.1
L.S.D. 5%		713	495	1054

Bromegrass registration trial, seeded 1994
harvested 1995, Thunder Bay

		Mean Yield (kg/ha)		
Cultivar		Cut 1	Cut 2	Total
2001	BAYLOR	8107	2361	10468
2002	SARATOGA	7835	2328	10163
2027	BEACON	8344	2600	10944
2039	BRAVO	8397	2943	11340
2051	RADISSON	8327	2381	10708
2054	PADDOCK	9160	2048	11208
2055	COTTONWOOD	8287	2574	10861
Harv means		8351	2462	10813
CV %		9.2	15.9	10.4
LSD (5%)		938.6	479.1	1372.3

TALL FESCUE VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Courtenay	Phyter
Festorina	Kokanee
Montebello	

VARIETIES RECOMMENDED FOR THE FIRST TIME IN THE FORAGE BROCHURE

<u>New Varieties</u>	<u>Desigation in Trials</u>	<u>Code # in Trials</u>	<u>Entry Year</u>
Kokanee	MCF 101	5526	1989
Montebello	MCF 102	5527	1989

VARIETIES UNDER TEST

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
5525	TF-1	Richardson	Support for reg., defer (4)	26
5526	MCF101	Parsons	Recommended, named Kokanee)	21
5527	MCF102	OSECO	Recommended, named Montebello	21
5528	TF8872	OSECO	Drop at company's request	15

REED CANARY VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

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</u> <u>Of Yield Data</u>
5017	Bellevue	Pickseed	Reg., no support 95, re-examine 96	16
5018	Lara	Oseco	No support 95, re-examine 96	12
4019	Emphasis	Seed Link		4

MEADOW FOXTAIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Mountain Dan

VARIETIES UNDER TEST

None

Reed canarygrass registration trial, seeded 1992
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
5011 VANTAGE	3254	2395	5649
5013 PALATON	3291	1914	5205
5016 VENTURE	3477	2841	6319
5017 BELLEVUE	2854	2529	5384
Harv means	3219	2420	5639
CV %	11.8	13.3	11.0
LSD (5%)	493.1	416.4	804.7

Reed canarygrass registration trial, seeded 1993
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
5011 VANTAGE	8300	4087	12387
5013 PALATON	7599	3718	11317
5016 VENTURE	7607	4120	11727
5017 BELLEVUE	7765	4438	12203
5018 LARA	7578	3542	11121
5019 EMPHASIS	0	0	0
Harv means	6475	3318	9793
CV %	10.0	9.8	7.7
LSD (5%)	799.7	402.3	937.5

Reed canarygrass registration trial, seeded
1993, harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
VANTAGE	5011	6605	4688	11292
PALATON	5013	7308	4742	12050
VENTURE	5016	7254	5047	12301
BELLEVUE	5017	6946	4696	11641
LARA	5018	6726	4326	11051
Mean		6967	4700	11667
CV %		12.2	6.5	8.3

Reed canary variety test, seeded 1993
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL YIELD
		JUNE 20	AUG 16	
VANTAGE	5011	6135	6273	12408
PALATON	5013	6068	5898	11966
VENTURE	5016	5271	6463	11734
BELLEVUE	5017	5607	6151	11758
LARA	5018	6014	5671	11685
AVERAGE		5819	6091	11910
LSD(.05)		585	NS	NS
LSD(.01)		NS	NS	NS
C.V.		6.53 %	11.38 %	7.51 %

Reed canarygrass registration trial, seeded 1993
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
5011 VANTAGE	7606	2958	10564
5013 PALATON	7857	2901	10758
5016 VENTURE	7236	3003	10239
5017 BELLEVUE	7168	3166	10335
5018 LARA	7340	3121	10460
Harv means	7441	3030	10471
CV %	5.3	6.5	3.8
LSD (5%)	495.9	248.1	500.8

Reed canarygrass registration trial, seeded 1994
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
5011 VANTAGE	5560	5211	10771
5013 PALATON	5336	4939	10275
5016 VENTURE	4620	4927	9547
5018 LARA	5519	4284	9803
5019 EMPHASIS	3117	2921	6038
Harv means	4830	4457	9287
CV %	17.2	10.8	9.9
LSD (5%)	1045.8	606.7	1152.9

Reed canarygrass registration trial, seeded 1994,
harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
VANTAGE	5011	6094	2753	8846
PALATON	5013	6418	2805	9223
VENTURE	5016	6372	2489	8861
LARA	5018	5654	2342	7996
EMPHASIS	5019	2965	2065	5030
r				
Mean		5500	2491	7991
CV %		8.6	11.9	5.8

Reed canary variety trial, seeded 1994
harvested 1995, New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL YIELD
		JUNE 20	AUG 16	
LARA	5018	8591	5670	14260
PALATON	5013	8771	5024	13794
VANTAGE	5011	8167	5442	13609
VENTURE	5016	8545	4538	13083
EMPHASIS	5019	1274	4001	5275
AVERAGE		7069	4935	12004
LSD (.05)		1107	671	1451
LSD (.01)		1551	941	2034
C.V.		10.16 %	8.82 %	7.85 %

Reed canarygrass registration trial, seeded 1994,
harvested 1995 ,Kapuskasing

		YIELD (kg DM/ha)		
CULTIVARS		C-1	C-2	TOTAL
LARA	5018	4839	4163	9002
PALATON	5013	5197	3505	8702
VANTAGE	5011	4706	3814	8520
VENTURE	5016	4912	2975	7887
EMPHASIS	5019	559	1518	2077
MEAN		4043	3195	7238
C.V. %		11.4	13.1	9.4
L.S.D.5%		713	647	1053

Reed canarygrass registration trial, seeded 1994
harvested 1995, Thunder Bay

		Mean Yield (kg/ha)		
Cultivar		Cut 1	Cut 2	Total
5011	VANTAGE	6976	3370	10346
5013	PALATON	6474	3304	9778
5016	VENTURE	6416	3113	9529
5018	LARA	7050	3631	10681
Harv means		6729	3355	10083
CV %		7.3	7.2	5.1
LSD (5%)		639.4	313.6	667.0

BIRDSFOOT TREFOIL VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Empire Leo Bull

VARIETIES UNDER TEST, PURE STAND TREFOIL

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
7031	RC4Syn2 (OAC Bright)	Oseco	Registered, defer (4)	--
7008	Dawn	Szego	No support 95, testing completed	25
7038	01-1984-1	Pickseed	No support 95, re-examine 96	8
7039	01-1984-2	Pickseed	No support 95, re-examine 96	5

VARIETIES UNDER TEST, TREFOIL WITH TIMOTHY

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
7008	Dawn	Szego		5
7031	RC4Syn2 (OAC Bright)	Oseco	Registered	5
7038	01-1984-1	Pickseed		7
7039	01-1984-2	Pickseed		7

Trefoil registration trial, seeded 1993
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
7001 LEO	3360	4037	7397
7003 EMPIRE	3271	3396	6667
7008 DAWN	3314	3144	6458
7031 RC4 SYN2	3274	3531	6805
7034 BULL	3511	3771	7282
7038 01-1984-1	3314	3675	6989
7039 01-1984-2	3292	3507	6798
Harv means	3334	3580	6914
CV %	7.0	5.7	5.0
LSD (5%)	286.7	251.8	422.1

Trefoil registration trial, seeded 1994, harvested 1995,
Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
LEO	7001	5469	4059	9529
EMPIRE	7003	5968	4535	10503
DAWN	7008	5858	4613	10471
BULL	7034	5399	4416	9815
01-1984-1	7038	5439	4312	9750
01-1984-2	7039	5473	4437	9910
Mean		5601	4395	9996
CV %		6.1	6.8	4.4

Trefoil variety trial, seeded 1994
harvested 1995, New Liskeard

VARIETYCODE	FIRST CUT	SECOND CUT	TOTAL		
		JUNE 23	AUG 14	YIELD	
EMPIRE	7003	3741	5821	9562	
01-1984-2	7039	3765	5522	9287	
LEO	7001	3625	5514	9139	
01-1984-1	7038	3410	5418	8828	
DAWN	7008	3260	5314	8574	
BULL	7034	3347	5117	8464	
AVERAGE		3525	5451	8976	
LSD(.05)		N/S	N/S	N/S	
LSD(.01)		N/S	N/S	N/S	
C.V.		11.23 %	5.12 %	6.56 %	

Trefoil registration trial, seeded 1994
Harvested 1995, Kapuskasing

CULTIVARS	CODES	YIELD (Kg/ha DM)		
		C-1	C-2	TOTAL
01-1984-01	7038	2670	2303	4973
01-1984-02	7039	3099	2239	5338
BULL	7034	3237	2367	5604
DAWN	7008	2372	1986	4358
EMPIRE	7003	2414	2051	4466
LEO	7001	2863	2168	5031
MEAN		2776	2186	4962
CV %		9.9	5.6	6.1
L.S.D. 5%		417	185	458

Trefoil & timothy variety trial, seeded 1994, harvested 1995,
New Liskeard

VARIETY	CODE	FIRST CUT	SECOND CUT	TOTAL
		JUNE 23	AUG 14	
EMPIRE	7003	6017	5263	11281
01-1984-1	7038	5529	5236	10765
LEO	7001	5825	4733	10558
01-1984-2	7039	5343	5168	10511
BULL	7034	5727	4589	10316
DAWN	7008	5457	4748	10205
AVERAGE		5650	4956	10606
LSD (.05)		N/S	N/S	N/S
LSD (.01)		N/S	N/S	N/S
C.V.		9.20 %	11.57 %	8.19 %

FIRST CUT COMPOSITION

TREFOIL 55 %

TIMOTHY 45 %

Trefoil & timothy mixture registration trial, seeded 1994,
harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
LEO	7001	6181	4605	10786
EMPIRE	7003	6872	5165	12037
DAWN	7008	6492	4791	11283
BULL	7034	6342	4797	11138
01-1984-1	7038	6310	4608	10918
01-1984-2	7039	6567	4691	11258
Mean		6461	4776	11237
CV %		8.8	4.5	6.1

Trefoil & timothy registration trial, seeded 1994,
harvested 1995, Kapuskasing

CULTIVARS	CODES	Yield (kgDM/ha)		
		C-1	C-2	TOTAL
01-1984-01	7038	3314	1828	5142
01-1984-02	7039	3714	1890	5604
BULL	7034	3384	1802	5186
DAWN	7008	2949	1736	4685
EMPIRE	7003	3328	1701	5029
LEO	7001	3208	1568	4776
MEAN		3316	1754	5070
CV%		7.7	8.6	6.0
L.S.D. 5%		388	227	463

Pickseed trefoil registration trial, seeded 1993,
harvested 1995, Elmira

Variety	Yield (kg/ha)			
	15-Jun	24-Jul	28-Aug	Total
Leo	5148	3356	2031	10536
UpstartB	5351	3113	1828	10293
UpstartF	5706	3452	2054	11213
Upstart	5759	3044	1936	10739
Bull	5829	3675	2352	11856
Mean	5559	3328	2040	10927
CV	11.8	12.1	16.1	8.3
LSD (0.05)	1067.4	472.6	423.4	1286.7

Pickseed trefoil-timothy mixture (Itasca) registration trial,
1993 Seeding, 1995 harvest, Elmira

Variety	Jun 15 yield	24-Jul yield	28-Aug yield	Total yield
Leo	6967	2417	1939	11324
01-1984-1	6986	2716	1988	11689
01-1984-2	7233	2875	1971	12079
Bull B	7075	2757	1968	11800
Bull	6887	2929	2039	11856
UpstartBr	6189	2363	1634	10186
UpstartF	6233	2418	1587	10238
Upstart	6121	2485	1554	10160
79055	6967	2205	1694	10867
Maku	6451	1329	968	8748
Test mean	6710.9	2449.5	1734.3	10894.7
R2	0.55	0.81	0.64	0.63
CV	11.9	12.2	15.8	8.3
lsd.05	1072.8	478.2	411.1	1286.7

RED CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Atlas Florex Persist Concorde Walter Ram

VARIETIES UNDER TEST

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
4056	CRS4	Charlottetown	Dropped at company's request	6
4063	Marathon	OFCC	Support for reg., defer (3)	16
4066	OACRC487 (Laser)	U. of Guelph	Registered, defer (4)	8
4070	PSR-008	Pickseed	Support for reg., defer (3)	11
4071	22291	Parsons	No support 95, testing completed	14
4072	WD 1919 (TR2000)	Oseco	Reg., no support 95, testing complete	4
4073	ABI90R-02	Oseco	Support for reg., defer (1)	14
4074	MCC 107	Macdonald College	Support for reg., defer (1)	14
4075	MCC 111 (Azur)	Macdonald College	Registered, supported 95, defer (1)	14
4076	MCC 113	Macdonald College	No support 95, re-examine 96	14
4077	87-A	N K	Support for reg., defer (2)	11
4078	Cinnamon	UCO	No support 95, re-examine 96	9

Red clover registration trial, seeded 1992
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
4017 FLOREX	4222	1079	5301
4059 CONCORDE	3967	1337	5303
4066 OAC RC487	4879	1405	6284
4067 RC887	3570	1064	4634
4070 PSR008	4691	1314	6005
4071 22291	4386	1421	5806
4072 REBEL	4233	1471	5705
4073 ABI 90R-02	4927	1857	6784
4074 MCC 107	4403	1224	5628
4075 MCC 111	4088	1219	5307
4076 MCC 113	4232	1410	5643
Harv means	4327	1346	5673
CV %	13.0	14.3	11.9
LSD (5%)	676.5	231.1	807.5

Red clover registration trial, seeded 1993, harvested
1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
ARLINGTON	4023	3578	1407	4985
FLOREX	4017	3877	1211	5088
PERSIST	4034	3317	880	4197
PROSPER 1	4027	3746	1540	5286
ATLAS	4036	3639	1693	5332
WALTER	4055	3785	1403	5188
CONCORDE	4059	3906	1533	5439
MSR97RAM	4057	3588	1072	4660
PSR008	4070	3559	1533	5092
22291	4071	3995	1797	5792
REBEL	4072	3634	1554	5188
ABI90R02	4073	3792	1724	5517
MCC 107	4074	3686	1438	5124
MCC 111	4075	3977	1550	5527
MCC 113	4076	3832	1377	5209
87-A	4077	3769	1789	5558
CINNAMON	4078	3748	1675	5423
Mean		3731	1481	5212
CV %		7.7	18.5	8.3

Red clover registration trial, seeded 1993
harvested 1995, Thunder Bay

Mean Yield (kg/ha)				
Cultivar	Cut 1	Cut 2	Total	
4017 FLOREX	3155	2171	5326	
4023 ARLINGTON	2727	2368	5095	
4027 PROSPER I	2810	2128	4938	
4034 PERSIST	2229	1991	4220	
4036 ATLAS	2917	2086	5003	
4055 WALTER	2919	2071	4990	
4057 RAM	2284	2075	4360	
4059 CONCORDE	2478	2322	4800	
4070 PSR008	2626	1852	4478	
4071 22291	2703	2582	5284	
4072 REBEL	2669	2565	5234	
4073 ABI 90R-02	2687	2420	5107	
4074 MCC 107	2519	1977	4496	
4075 MCC 111	2570	1983	4553	
4076 MCC 113	2778	2162	4940	
4077 87-A	3427	2201	5629	
4078 CINNAMON	2340	2366	4705	
Harv means	2696	2195	4892	
CV %	13.2	12.6	11.4	
LSD (5%)	422.3	329.0	663.3	

Red clover registration trial, seeded 1994
harvested 1995, Elora

Mean Yield (kg/ha)				
Cultivar	Cut 1	Cut 2	Total	
4017 FLOREX	6119	1451	7570	
4023 ARLINGTON	4960	2103	7063	
4034 PERSIST	5374	1885	7259	
4036 ATLAS	5530	1878	7408	
4055 WALTER	5457	2101	7558	
4057 RAM	5406	2293	7699	
4059 CONCORDE	5572	2031	7603	
4074 MCC 107	5923	1751	7674	
4075 MCC 111	5956	2198	8154	
4076 MCC 113	5568	1891	7459	
4077 87-A	5605	2428	8033	
4078 CINNAMON	5260	2190	7450	
Harv means	5561	2017	7577	
CV %	8.1	9.5	6.4	
LSD (5%)	541.7	229.1	582.4	

Red clover registration trial, seeded 1994
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
4017 FLOREX	8690	4433	13124
4023 ARLINGTON	8637	4770	13407
4034 PERSIST	8733	3916	12649
4036 ATLAS	8999	4778	13777
4055 WALTER	8128	4470	12599
4057 RAM	8752	4770	13522
4059 CONCORDE	8534	4640	13174
4074 MCC 107	9568	4622	14189
4075 MCC 111	8306	4757	13064
4076 MCC 113	8230	4419	12649
4077 87-A	8783	5139	13922
4078 CINNAMON	8450	4486	12936
Harv means	8651	4600	13251
CV %	5.9	7.4	5.4
LSD (5%)	612.0	406.4	861.0

Red clover registration trial, seeded 1994, harvested
1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
ARLINGTON	4023	5513	4715	10228
FLOREX	4017	5747	4501	10248
PERSIST	4034	5533	3818	9351
ATLAS	4036	5462	4592	10054
WALTER	4055	5278	4433	9711
CONCORDE	4059	5940	4618	10558
RAM	4057	5790	4787	10577
MCC 107	4074	5328	4635	9963
MCC 111	4075	6011	4604	10615
MCC 113	4076	5614	4610	10224
87-A	4077	5615	4835	10450
CINNAMON	4078	5861	4570	10431
Mean		5641	4560	10201
CV %		6.5	5.9	4.3

Red clover registration trial, seeded 1994
harvested 1995, Thunder Bay

Cultivar	Mean Yield (kg/ha)		
	Cut 1	Cut 2	Total
4017 FLOREX	5067	3190	8258
4023 ARLINGTON	4811	3356	8167
4034 PERSIST	4816	3036	7851
4036 ATLAS	4645	2961	7606
4055 WALTER	4774	3020	7794
4057 RAM	4264	2877	7141
4059 CONCORDE	4823	3082	7906
4074 MCC 107	4254	3105	7359
4075 MCC 111	5137	3077	8214
4076 MCC 113	4319	3008	7327
4077 87-A	5348	3208	8556
4078 CINNAMON	4891	3317	8207
Harv means	4762	3103	7865
CV %	14.0	14.1	12.9
LSD (5%)	797.2	524.2	1214.4

PERSISTENCE DATA

Red clover registration trial, seeded 1993
harvested 1995, Ridgetown

Cultivar	Mean yield (kg/ha)			Yield as % of Florex
	Cut 1	Cut 2	Total	
4017 FLOREX	8113	1847	9960	100
4023 ARLINGTON	7261	2555	9816	99
4027 PROSPER I	7959	2505	10463	105
4034 PERSIST	6353	1289	7641	77
4036 ATLAS	7968	2468	10436	105
4055 WALTER	7268	2576	9844	99
4057 RAM	7681	2494	10175	102
4059 CONCORDE	7447	2647	10094	101
4070 PSR008	8009	2625	10633	107
4071 22291	7576	2828	10403	104
4072 REBEL	7932	3082	11014	111
4073 ABI 90R-02	7513	2547	10060	101
4074 MCC 107	8008	1705	9712	98
4075 MCC 111	8346	1975	10321	104
4076 MCC 113	7478	1785	9264	93
4077 87-A	8169	2883	11052	111
4078 CINNAMON	7797	3048	10845	109
Harv means	7699	2403	10102	
CV %	6.7	12.2	6.1	
LSD (5%)	714.2	405.3	847.5	

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

Seeded 1993, Harvested 1995

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	TOTAL
87-A	3520	1088	4608
87-B	3509	1069	4578
Walter	3277	1056	4333
Florex	2884	1073	3957
Atlas	2944	976	3920
Persist	2768	1035	3803
Harv Mean	3150	1049	4200
LSD (5%)	398	140	483
CV%	14.7	12.2	12.9

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

Seeded 1993, Harvested 1995

Mean Yield (kg/Ha)

Cultivar	Cut 1	Cut2	Cut3	TOTAL
87-A	4067	1058	622	5747
87-B	3896	910	595	5401
Atlas	3915	914	508	5337
Florex	3841	862	560	5263
Persist	3741	754	579	5074
Walter	3630	840	471	4941
Harv Mean	3848	890	556	5294
LSD (5%)	478	121	93	469
CV%	9.3	14.6	14.5	7.9

WHITE CLOVER VARIETIES

CURRENT STATUS OF VARIETIES - February 1, 1996

RECOMMENDED VARIETIES

Alice California Ladino Merit Sacramento Canopy Shasta Osceola

VARIETIES RECOMMENDED FOR THE FIRST TIME IN THE FORAGE BROCHURE

<u>Variety</u>	<u>Designation in Trials</u>	<u>Code # in Trials</u>	<u>Entry Year</u>
Osceola	Osceola	8012	1988

VARIETIES UNDER TEST, PURE STAND WHITE CLOVER

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
8012	Osceola	Szego	Recommended, named Osceola	10
8016	Cristal	Oseco		7
8017	Kopu	Speare		5
8018	Will	Seed Link		1
8019	CW-9300	Nemec		0
8020	Tooma	Parsons		0

VARIETIES UNDER TEST, WHITE CLOVER WITH ORCHARDGRASS

<u>Code</u>	<u>Variety</u>	<u>Entered by</u>	<u>Official Status</u>	<u>Station Years Of Yield Data</u>
8011	Sonja	Oseco	Registered and recommended	6
8012	Shasta	Szego		6
8013	Osceola	Szege		6
8016	Cristal	Oseco		6
8017	Kopu	Speare		6
8018	Will	Seed Link		2
8019	CW-9300	Nemec		0
8020	Tooma	Parsons		0

White clover registration trial, seeded 1993
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)				Total
	Cut 1	Cut 2	Cut 3	Cut 4	
8004 MERIT	1635	1308	1075	1000	5019
8005 SACRAMENTO	1153	1428	1023	934	4539
8007 CAL. LADINO	1078	1223	987	917	4206
8010 CANOPY	958	1279	942	899	4077
8011 SONJA	1587	927	842	619	3975
8012 OSCEOLA	1033	1249	961	872	4114
8013 SHASTA	1268	1508	930	943	4649
8014 ALICE	1686	972	907	750	4315
8015 WHITE DUTCH	1279	969	973	827	4048
8016 CRISTAL	1667	1089	950	834	4541
8017 KOPU	1150	1120	976	874	4120
Harv means	1318	1189	961	861	4328
CV %	17.9	12.2	10.9	14.5	8.8
LSD (5%)	331.3	204.4	147.4	175.7	536.2

White clover registration trial, seeded 1994
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)				Total
	Cut 1	Cut 2	Cut 3	Cut 4	
8004 MERIT	1809	1554	557	591	4512
8005 SACRAMENTO	1838	1589	643	809	4880
8007 CAL. LADINO	1726	1570	574	651	4520
8010 CANOPY	1937	1707	625	653	4921
8011 SONJA	2094	1311	604	581	4590
8012 OSCEOLA	1733	1641	714	826	4915
8013 SHASTA	1867	1843	506	657	4873
8014 ALICE	1986	1233	795	648	4662
8015 WHITE DUTCH	2026	1306	630	658	4620
8016 CRISTAL	1941	1444	792	836	5012
8017 KOPU	1261	1302	672	881	4117
8018 WILL	2132	1578	759	775	5244
Harv means	1863	1506	656	714	4739
CV %	13.9	19.4	10.9	17.4	8.9
LSD (5%)	311.0	351.5	85.7	148.8	505.8

White clover & orchardgrass mix registration trial, seeded 1993
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)				Total
	Cut 1	Cut 2	Cut 3	Cut 4	
8004 MERIT	3111	891	854	1070	5926
8005 SACRAMENTO	2983	922	906	1188	5998
8007 CAL. LADINO	3136	899	810	1067	5912
8010 CANOPY	3023	834	762	1027	5646
8011 SONJA	3422	853	758	957	5992
8012 OSCEOLA	3071	967	842	1124	6004
8013 SHASTA	3081	975	675	1156	5887
8014 ALICE	3484	1041	861	1043	6429
8015 WHITE DUTCH	3050	790	822	1071	5733
8016 CRISTAL	3101	1216	889	1376	6583
8017 KOPU	3166	909	896	1248	6219
Harv means	3148	936	825	1121	6030
CV %	10.8	20.7	14.9	15.3	8.2
LSD (5%)	406.8	232.1	147.9	205.6	592.7

White clover & orchardgrass mixture registration trial,
seeded 1993, harvested 1995, Ottawa

Variety	Code	Yield (kg/ha)		
		Cut1	Cut2	Total
MERIT	8004	3921	1905	5826
CAL. LADINO	8007	4175	1888	6063
SACRAMENTO	8005	4106	1935	6041
CANOPY	8010	4141	1761	5902
SONJA	8011	4655	1850	6506
SHASTA	8013	4265	1963	6228
OSCEOLA	8012	4641	2022	6663
ALICE	8014	4229	1656	5885
WHITE DUTCH	8015	4092	1696	5788
CRISTAL	8016	4276	2111	6386
KOPU	8017	4098	1949	6047
Mean		4236	1885	6121
CV %		12.6	15.9	11.2

White clover & orchardgrass mix registration trial, seeded 1994
harvested 1995, Elora

Cultivar	Mean Yield (kg/ha)				Total
	Cut 1	Cut 2	Cut 3	Cut 4	
8004 MERIT	3445	1423	1084	1007	6959
8005 SACRAMENTO	3528	1502	1312	1289	7631
8007 CAL. LADINO	3736	1197	1120	1005	7058
8010 CANOPY	3493	1093	1183	957	6725
8011 SONJA	3731	930	1021	898	6580
8012 OSCEOLA	3737	1276	1168	1186	7367
8013 SHASTA	3500	1441	986	1018	6945
8014 ALICE	3863	1326	1087	1058	7334
8015 WHITE DUTCH	3823	976	1036	985	6820
8016 CRISTAL	3696	1149	1078	931	6854
8017 KOPU	3473	888	1109	1093	6563
8018 WILL	3562	1293	1261	1152	7267
Harv means	3632	1208	1120	1048	7009
CV %	7.8	13.5	15.1	17.4	6.4
LSD (5%)	338.6	195.9	203.3	218.5	538.4

White clover & orchardgrass mix registration trial, seeded 1994
harvested 1995, Kemptville

Cultivar	Mean Yield (kg/ha)			
	Cut 1	Cut 2	Cut 3	Total
8004 MERIT	6741	3735	628	11104
8005 SACRAMENTO	6835	4354	743	11932
8007 CAL. LADINO	6344	4002	588	10934
8010 CANOPY	5957	3780	610	10347
8011 SONJA	6706	3245	576	10527
8012 OSCEOLA	7276	3754	849	11878
8013 SHASTA	6584	3760	559	10904
8014 ALICE	6992	3116	471	10579
8015 WHITE DUTCH	6681	3031	536	10248
8016 CRISTAL	6298	3547	771	10617
8017 KOPU	6516	3177	480	10173
8018 WILL	6693	3381	647	10722
Harv means	6635	3574	622	10830
CV %	13.7	7.3	26.1	9.6
LSD (5%)	1087.1	314.5	194.6	1249.8

1995 OFCC Annual Forage Test
Elora Research Station

Code	Variety	
7505	Donegal/Victoria	7443
7502	Sprint	7377
7508	92AA017	7221
7507	Bay	7657
7504	Rigodon/Trapper	7102
7509	Rigodon	8091
7501	HiPro IV	7516
7513	Plains	7301
7506	Kerry	8085
7503	Tripper III	4038
7515	A100	7122
7514	HiPro V	5599
7516	Sprint II	7053

Grand Mean	7046.5
CV(%)	6.5

7510	Poneka	3371
7511	Packer	3598
7512	Trapper	2761

Mean	3243
CV(%)	6.5

1995 OFCC Annual Forage Test
Kemptville CAT

Code	Variety	
7505	Donegal/Victoria	5694
7502	Sprint	5756
7508	92AA017	5860
7507	Bay	5699
7504	Rigodon/Trapper	6306
7509	Rigodon	6199
7501	HiPro IV	7380
7513	Plains	6708
7506	Kerry	6760
7503	Tripper III	5232
7515	A100	5421
7514	HiPro V	5647
7516	Sprint II	5598
	Grand Mean	6020.0
	CV(%)	10.3
7510	Poneka	3682
7511	Packer	4273
7512	Trapper	3787
	Mean	3914
	CV(%)	10.2

1995 OFCC Annual Forage Test
Thunder Bay Research Station

Code	Variety	
7505	Donegal/Victoria	1120
7502	Sprint	1151
7508	92AA017	1142
7507	Bay	1035
7504	Rigodon/Trapper	1290
7509	Rigodon	1342
7501	HiPro IV	1242
7513	Plains	1039
7506	Kerry	927
7503	Tripper III	700
7515	A100	1083
7514	HiPro V	728
7516	Sprint II	1061
	Grand Mean	1066.2
	CV(%)	8.6

1995 OFCC Annual Forage Pea Test
New Liskeard Research Station

7510	Poneka	2513
7511	Packer	2731
7512	Trapper	2477
	Mean	2574
	CV(%)	10.9