

2008 Forage Guide to Variety and Mixture Selection

		Viald (0/ of	Winter	Cood Complian
	Reaction to*	Yield (% of	Winter	Seed Supplier
ALFALFA	Verticillium Wilt	AC Caribou)	Hardiness	Listing #
AC Brador	HR	100	Good	3
AC Caribou	R	100	Very Good	3
Abby	R	100	Good	3,8
Algonquin	S	100	Very Good	Public
Apex	R	101	Very Good	7
Apica	S	103	Very Good	3
Arrow	R	98	Good	9
Bishops 134	HR	104	Very Good	1,14
Magnum IV	R	101	Very Good	1,14
OAC Minto	S	100	Good	1,2
Oneida VR	HR	97	Good	11
PICKSEED 2065MF	R	101	Very Good	9
Pioneer 54V54	HR	100	Very Good	10
Ultra	R	98	Good	3,5

RECOMMENDED FORAGE LEGUMES

YIELD OF AC CARIBOU IN ATLANTIC TRIALS WAS 8.22 t/ha

*HR=Highly Resistant (more than 50% resistant plants), R=Resistant (31-50% resistant plants),

MR=Moderately Resistant (15-30% resistant plants), S=Susceptible (less than 15% resistant plants).

RED	Approximate	Yield %	of AC Endure	Winter	Seed Supplier
CLOVER	Flowering Date	(1 st Year)	(2 nd Year)	Hardiness	Listing #
AC Christie	June 16	99	92	Very Good	1,3
AC Endure	June 20	100	100	Very Good	3
Dolina	June 23	109	96	Very Good	3,13
Kvarta	June 23	95	109	Very Good	7
Tempus	June 23	108	116	Very Good	9
AC Charlie	June 25	99	97	Very Good	1

YIELD OF AC ENDURE 1st YEAR AFTER SEEDING 9.0 t/ha; 2nd YEAR AFTER SEEDING 7.0 t/ha

BIRDSFOOT TREFOIL	Approximate Flowering Date	Yield (% of Leo)	Winter Hardiness	Seed Supplier Listing #
AC Langille	June 25	109	Very Good	3
Upstart	June 25	104	Good	7
Bull	June 25	103	Very Good	9
Leo	June 25	100	Good	Public

YIELD OF LEO IN ATLANTIC TRIALS WAS 6.45 t/ha

WHITE CLOVER	Approximate Flowering Date	Regrowth	Winter Hardiness	Seed Supplier Listing #
Milkanova	June 26	Excellent	Very Good	3,7
California (Ladino)	June 26	Good	Good	Public
Sonja	June 26	Excellent	Very Good	1,3,4,7

RECOMMENDED FORAGE GRASSES				
REED		Yield	Seed Supplier	
CANARYGRASS	Maturity	(% of Palaton)	Listing #	
Palaton	Very Early	100	3,4,12	
Venture	Very Early	101	1,3,11,12,14	
	YIELD OF PALATON	N IN ATLANTIC TRIALS WAS 9.4	t/ha	

RECOMMENDED FORAGE GRASSES

	KECOW				
	Heading		LD (% of Char	np)	Seed Supplier
TIMOTHY	Date*	Cut 1		Cut 2	Listing #
Richmond	June 25	105		100	7,9
Champ	June 27	100		100	Public
AC Alliance	June 28	104		94	7
Novio	June 30	107		104	3,8
Apex	July 1	108		82	1
Climax	July 1	107		78	Public
Itasca	July 4	109		105	3
Drummond	July 8	110		67	3,7
Farol	July 10	103		67	1,3,4,7
		NTIC TRIALS WAS 6	5.45 t/ha (1st c		
		* Average of 4 Maritin			
GRAZING	Heading	ž.	LD (% of Far	ol)	Seed Supplier
TIMOTHY	Date*	Cut 1		Cut 2	Listing #
Comtal	July 10	101		96	9
		ANTIC TRIALS WAS	6.64 t/ba (1 st a		
TIELD	OF FAROL IN ATL	* Average of 4 Mariti		ut) and 1.70 t/na (2	cut)
GRAZING	1 nneau	Tolerance to	ine sites.		Sood Sumplian
	Approx.			Viold	Seed Supplier
KENTUCKY	Maturity	Variable		Yield	Listing #
BLUEGRASS	Rating	Drainage	((% of Lato)	
Lato	Early	Good		100	9
	YIELD OF I	LATO IN ATLANTIC	FRIALS WAS	57.2 t/ha	
	Approximate	Tolerance to	Regrowth	Yield	Seed Supplier
BROMEGRASS	Maturity Rating	Variable Drainage	Vigor*	(% of Radisson)	Listing #
SMOOTH	Maturity Kating	vallable Dialilage	vigor	(% 01 Kauissoii)	Listing #
SMOOTH		~ .			7.0
Bravo Early					
	-	Good	1.7	105	7,9
	Early Early	Good Good	1.7 2.0	105 100	7,9 3
Bravo Radisson	-				
Radisson MEADOW	Early	Good	2.0	100	3
Radisson MEADOW	Early Very Early	Good Moderate	2.0 4.3	100 104	
Radisson MEADOW	Early Very Early YIELD C	Good Moderate DF RADISSON IN TRL	2.0 4.3 ALS WAS 7.5	100 104 5 t/ha	3
Radisson MEADOW	Early Very Early YIELD C *Regrowth Vigor	Good Moderate OF RADISSON IN TRL = index of forage regro	2.0 4.3 ALS WAS 7.5 pwth (1=lowes	100 104 5 t/ha st; 5=highest)	3 3,9
Radisson MEADOW Paddock	Early Very Early YIELD C *Regrowth Vigor Approximate	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to	2.0 4.3 ALS WAS 7.5 owth (1=lowes	100 104 5 t/ha st; 5=highest) Yield	3 3,9 Seed Supplier
Radisson MEADOW Paddock	Early Very Early YIELD C *Regrowth Vigor	Good Moderate OF RADISSON IN TRL = index of forage regro	2.0 4.3 ALS WAS 7.5 owth (1=lowes	100 104 5 t/ha st; 5=highest)	3 3,9
Radisson MEADOW Paddock ORCHARDGRASS	Early Very Early YIELD C *Regrowth Vigor Approximate	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to	2.0 4.3 ALS WAS 7.5 owth (1=lowes	100 104 5 t/ha 5t; 5=highest) Yield (% of Kay) 98	3 3,9 Seed Supplier
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic	Early Very Early YIELD O *Regrowth Vigor Approximate Maturity Rating	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain	2.0 4.3 ALS WAS 7.5 owth (1=lowes	100 104 5 t/ha st; 5=highest) Yield (% of Kay)	3 3,9 Seed Supplier Listing # 1,2,3,14
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic	Early Very Early YIELD C *Regrowth Vigor Approximate <u>Maturity Rating</u> Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair	2.0 4.3 ALS WAS 7.5 owth (1=lowes	100 104 5 t/ha 5t; 5=highest) Yield (% of Kay) 98	3 3,9 Seed Supplier Listing #
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium Medium - Late Early	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair	2.0 4.3 ALS WAS 7.5 bowth (1=lowes bage	100 104 5 t/ha 5 t/ha 6 t/ha 5 t/ha 5 t/ha 5 t/ha 6 t/ha 5 t/ha 5 t/ha 6 t/ha 5 t/ha 5 t/ha 6 t/ha 5 t/ha 5 t/ha 6 t/ha 5 t/ha 6 t/ha 5 t/ha 7 t/ha 7 t/ha 9 t/ha 9 t/ha 100 100 100 100 100 100 100 100 100 10	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium Medium - Late Early	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair Fair	2.0 4.3 ALS WAS 7.5 pwth (1=lowes age RIALS WAS	100 104 5 t/ha 5 t/s=highest) Yield (% of Kay) 98 99 100 8.4 t/ha	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair Fair KAY IN ATLANTIC T	2.0 4.3 ALS WAS 7.5 pwth (1=lowes age RIALS WAS	100 104 5 t/ha 5t; 5=highest) Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer)	3 3,9 Seed Supplier <u>Listing #</u> 1,2,3,14 3,11 3,7
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura	Early Very Early YIELD O *Regrowth Vigor Approximate Maturity Rating Medium Medium Medium - Late Early YIELD OF Early	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good	2.0 4.3 ALS WAS 7.5 pwth (1=lowes age RIALS WAS	100 104 5 t/ha 5t; 5=highest) Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good	2.0 4.3 ALS WAS 7.5 pwth (1=lowes age RIALS WAS	100 104 5 t/ha 5 t/ba Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good	2.0 4.3 ALS WAS 7.5 pwth (1=lowes age RIALS WAS	100 104 5 t/ha 5 t/ha 5 t/ha 5 t/ha 100 100 8.4 t/ha 102 103 100	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium Early - Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good	2.0 4.3 ALS WAS 7.5 owth (1=lowes bage TRIALS WAS Y	100 104 5 t/ha 5 t/ha 5 t/ha 5 t/ha 5 t/ha 100 100 8.4 t/ha 102 103 100 103	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium Early - Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good	2.0 4.3 ALS WAS 7.5 powth (1=lowes age TRIALS WAS Y	100 104 5 t/ha 5 t/ha 5 t/ha 100 100 8.4 t/ha 100 102 103 100 103 S 8.5 t/ha	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium YIELD OF M	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good IIMER IN ATLANTIC	2.0 4.3 ALS WAS 7.5 powth (1=lowes age TRIALS WAS Y	100 104 5 t/ha 5 t/ha 5 t/ha Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion)	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGRA	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good IIMER IN ATLANTIC Fair	2.0 4.3 ALS WAS 7.5 powth (1=lowes age <u>TRIALS WAS</u> <u>Y</u>	100 104 5 t/ha 5 t/ha 5 t/ha Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGRA	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good IIMER IN ATLANTIC	2.0 4.3 ALS WAS 7.5 powth (1=lowes age <u>TRIALS WAS</u> <u>Y</u>	100 104 5 t/ha 5 t/ha 5 t/ha Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR/ Bastion	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early - Medium Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late YIELD OF BA	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good Good IIMER IN ATLANTIC Fair STION IN ATLANTIC	2.0 4.3 ALS WAS 7.5 powth (1=lowes bage TRIALS WAS Y TRIALS WA Y TRIALS WA	100 104 5 t/ha 5 t/ha 5 t/ha 5 t/ha 100 98 99 100 8.4 t/ha 100 8.4 t/ha 102 103 100 103 8 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR Bastion TALL FESCUE	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early - Medium Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late YIELD OF BA	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good Good IIMER IN ATLANTIC Fair STION IN ATLANTIC Tolerance to	2.0 4.3 ALS WAS 7.5 powth (1=lowes bage TRIALS WAS Y TRIALS WAS Y TRIALS WA Yi C TRIALS WA	100 104 5 t/ha 5 t/ha 5 t/ha 100 100 8.4 t/ha 100 102 103 100 103 8 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha Yield	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11 3,4,7 11 Seed Supplier
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR/ Bastion TALL FESCUE HYBRIDS	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early - Medium Early - Medium Early - Medium Early - Medium Early OF M ASS Medium - Late YIELD OF BA	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good Good Good Good TMER IN ATLANTIC Fair STION IN ATLANTIC	2.0 4.3 ALS WAS 7.5 potth (1=lowes age TRIALS WAS Y TRIALS WA Yi C TRIALS WA Tillering index*	100 104 5 t/ha 5 t/ha 5 t/ha Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha Yield (% of Johnstone)	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11 3,4,7 11 Seed Supplier Listing #
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR/ Bastion TALL FESCUE HYBRIDS Courtenay	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late YIELD OF BA	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good Good Good Good HIMER IN ATLANTIC Fair STION IN ATLANTIC Tolerance to Variable Drainage Good	2.0 4.3 ALS WAS 7.5 pwth (1=lowes) age RIALS WAS Y TRIALS WAS Y TRIALS WA Yi C TRIALS WA Tillering index* 2.5	100 104 104 5 t/ha 5 t/ha 5 t/ha 100 Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha Yield (% of Johnstone) 110	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11 3,4,7 11 Seed Supplier Listing # 3,11
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR/ Bastion TALL FESCUE HYBRIDS Courtenay Festorina	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late YIELD OF BA Approximate Maturity Rating Medium Medium	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good IIMER IN ATLANTIC Fair STION IN ATLANTIC Tolerance to Variable Drainage Good Good	2.0 4.3 ALS WAS 7.5 pwth (1=lowes) age RIALS WAS Y TRIALS WAS Y TRIALS WA Yi C TRIALS WA Tillering index* 2.5 4.5	100 104 5 t/ha 5 t/ha 5 t/ha 100 104 5 t/ha 100 100 8.4 t/ha 100 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha Yield (% of Johnstone) 110 102	3 3,9 Seed Supplier <u>Listing #</u> 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11 3,4,7 11 3,4,7 11 3,4,7 11 3,4,7 11 3,4,7
Radisson MEADOW Paddock ORCHARDGRASS AC Nordic Arctic Kay MEADOW FESCUE Bartura Epic Mimer Sigmund PERENNIAL RYEGR/ Bastion TALL FESCUE HYBRIDS	Early Very Early YIELD C *Regrowth Vigor Approximate Maturity Rating Medium Medium - Late Early YIELD OF Early Early - Medium Early - Medium Early - Medium Early - Medium YIELD OF M ASS Medium - Late YIELD OF BA	Good Moderate DF RADISSON IN TRL = index of forage regro Tolerance to Variable Drain Fair Fair Fair KAY IN ATLANTIC T Good Good Good Good Good Good Good HIMER IN ATLANTIC Fair STION IN ATLANTIC Tolerance to Variable Drainage Good	2.0 4.3 ALS WAS 7.5 powth (1=lowes) age TRIALS WAS Y TRIALS WA Yi C TRIALS WA Tillering index* 2.5 4.5 3.8	100 104 104 5 t/ha 5 t/ha 5 t/ha 100 Yield (% of Kay) 98 99 100 8.4 t/ha ield (% of Mimer) 102 103 100 103 S 8.5 t/ha eld (% of Bastion) 100 AS 7.5 t/ha Yield (% of Johnstone) 110	3 3,9 Seed Supplier Listing # 1,2,3,14 3,11 3,7 1 1,2,3,14 3,4,7 11 3,4,7 11 3,4,7 11 Seed Supplier Listing # 3,11

ANNUAL		Yield	Seed Supplier
YEGRASS Type		(% of Lemtal)	Listing #
Ajax	Tetraploid Italian	108	7,9
Aubade	Tetraploid Westerwolds	114	1,3,4,12,14
Barextra	Tetraploid Italian	104	1
Barmultra	Tetraploid Italian	102	1
Barspectra	Tetraploid Westerwolds	104	1
Bartolini	Diploid Italian	99	1
Brocar	Tetraploid Italian	109	15
Fabio	Diploid Italian	114	3,8
Lemtal	Diploid Italiane	100	1,3,4,14
Maris Ledger	Tetraploid Italian	104	3,4,7
Max	Tetraploid Italian	110	9
Sabroso	Tetraploid Westerwolds	115	1
SW Botrus	Tetraploid Westerwolds	110	6,11

ATLANTIC SEED SUPPLIERS

Listing #	COMPANY	Contact	Phone #	Fax #
1	Bishop Seeds	Matt Taylor	1 800 411-2062	613 968-8617
2	Brett-Young	Wayne Unger	204 261-7932	204 275-7333
3	Co-op Atlantic	Rafael Gonzalez	506 858-6356	506 858-6470
4	Halifax Seed Co.	Tim Tregunno	902 455-4364	902 455-5271
5	Hyland Seeds	Ivan Warriner	519 676-8146	519 676-5674
6	McCardle Bros.	Leonard McCardle	902 887-2338	902 887-3132
7	Mapleseed	Dave Keays	902 499-5183	902 446-2505
8	Parsons Seeds Ltd.	Robert Thom	905 729-2202	905 729-2623
9	Pickseed Canada Inc.	Paul Wight	1 800 661-4769	705 878-9249
10	Pioneer Hi-Bred Ltd.	Jim Lamb	902 538-3623	902 538-8284
11	Quality Seeds Ltd.	Doug Baker	1 877 856-7333	905 856-7509
12	Seed Link	Peter Bonis	705 324-0544	705 324-2550
13	Semican	Jacques Beauchesne	819 362-8823	819-362-3385
14	Speare Seeds	Bob Dippel	519 338-3840	519 338-2510
15	Westend Seeds Ltd.	Max VanCingel	506-455-9000	506-455-9000

FORAGE MIXTURES TO CONSIDER FOR YOUR FARM Recommended Perennial Pasture Mixtures

These mixtures are designed with careful consideration to the specific attributes of each species. Close attention must be paid to fertility levels, stocking rates, rotational grazing practices and fall cutting management, if the following mixtures are to remain productive.

Mixture	Rate	Comments
10% White Clover	22 kg/ha	Good dual purpose mixture for early cut silage and rotational grazing. Meadow fescue helps
30% Orchardgrass		give a better bottom to the pasture, producing a tighter sod more resistant to poaching
60% Meadow Fescue		(punching).
10% White Clover	22 kg/ha	Palatable mixture with good longevity from Kentucky bluegrass and meadow fescue if
25% Timothy		proper rotational grazing and fertility are used. Some cultivars are more productive under
30% Kentucky Bluegrass		grazing trials than others (e.g. Comtal timothy & Lato Kentucky bluegrass).
35% Meadow Fescue		
10% White Clover	20 kg/ha	Timothy, though less productive than orchardgrass, is more winter hardy, especially on
30% Timothy	U	imperfectly drained soils. Some timothy cultivars are more productive under grazing trials
60% Meadow Fescue		than others (e.g. Comtal timothy).

A. Moderately Well Drained to Variable Soils

Recommended Haylage Mixtures

A.	Loamy	Soils with g	good surf	ace and	internal	drainage	
			-		~		

Mixture	Rate	Comments
80% Alfalfa	15 kg/ha	This high yielding, high quality mixture is suited to well drained soils with a minimum pH of
20% Timothy		6. Having a grass in the mix improves dry down and reduces frost heaving.
60% Alfalfa	17 kg/ha	Orchardgrass is less compatible with alfalfa than timothy, but has superior regrowth and is
40% Orchardgrass		better suited to a three cut system. Harvest early to maximize quality.
55% Alfalfa	20 kg/ha	This mixture should be used on well drained fields and with an early alfalfa. Bromegrass is
45% Bromegrass		very compatible with alfalfa. Timothy works well with this mixture.
B. Variable to Imperfe	ctly Drained S	Soils – Heavy Soils Mixtures
Mixture	Rate	Comments
30% Alfalfa	18 kg/ha	Use on fields containing soils with variable drainage, e.g. formed dykeland. This mixture does
40% Bromegrass		well in an aggressive 2-3 cut system, starting with an early June harvest.
30% Timothy		
60% Red Clover	12 kg/ha	Best suited for short rotations. Contains a high percentage of red clover in the first two
40% Timothy		production years as the red clover thins out, both yield and quality decline.
30% Red Clover	20 kg/ha	The addition of ladino clover and meadow fescue improves the reliability and the longevity of
10% Ladino Clover		this mixture, but can become too competitive on timothy.
40% Timothy		
20% Meadow Fescue		

Recommended Hay Mixtures

A. Moderate to Well D	rained Soils	
Mixture	Rate	Comments
65% Alfalfa 35% Timothy	15 kg/ha	Although alfalfa is not as difficult to wilt as red clover, a hay drier will allow baling at 35%, a bicker maintum improving leaf retention
35% Timothy		higher moisture improving leaf retention.
50% Alfalfa	20 kg/ha	Select an early alfalfa. Bromegrass is very compatable with alfalfa and can be superior 50% to timethy in quality and regrowth
50% Bromegrass		to timothy in quality and regrowth.
70% Orchardgrass	14 kg/ha	Three cuts are possible. Heads out in late May/early June; therefore, plan to use first growth
30% Timothy		for pasture or haylage. Use very early timothy cultivars.
70% Bromegrass	18 kg/ha	This mixture is well adapted to deeper droughty soils. Due to early maturity, plan to take first
30% Timothy		cut as haylage. Use early timothy cultivars.
B. Poor and Imperfect	tly Drained So	pils
Mixture	Rate	Comments
85% Timothy	13 kg/ha	Red clover is difficult to field cure. A hay drier will reduce heating in storage. Red clover
15% Red Clover		is a short lived perennial which usually doesn't produce longer than three years. Avoid excessive red clover in mixtures.
Timothy	10 kg/ha	Consider just timothy for farms without hay driers and/or in coastal areas that have difficult
		drying conditions. Select cultivars with varying maturities to spread out harvest.
65% Reed Canarygrass	14 kg/ha	Low alkaloid varieties of Canarygrass can be used on poorly drained fields which are
35% Timothy		subjected to periodic flooding. Quality and palatability drop rapidly following heading.
65% Birdsfoot Trefoil	12 kg/ha	Trefoil is difficult to get established properly. Trefoil can handle lower fertility situations, but

35% Timothy needs 50% bloom before harvest. Trefoil will not persist under frequent cutting.

Suggested changes for the 2009 Forage Guide should be sent to the Editor, Forage Guide, AgraPoint, 10 Webster St., Mailbox 204, Kentville, N.S. B4N IH7 by July 1st, 2007. Forage Guide recommendations are a result of cultivar evaluation trials and research done in the Atlantic Region. Contributions were made by Crops & Livestock Research Center, Agric. & Agri-Food Canada (Charlottetown) plus N.S.A.C., AgraPoint, SCIANS (NS Soil & Crop), N.B.D.A.A., P.E.I.D.A. & F. and N.B. Soil & Crop Improvement Association.