

Summary of Red Fescue Herbage Yields
1984 Seeding Year - 1985 Harvest
(Yields are shown as % of Boreal)

Cultivar		Origin	B'lodge A		B'lodge B		Falher		Fort Vermilion		Gimle		High Level		All Locations (Average)	
			1st Cut	2nd Cut	1st Cut	2nd Cut	1st Cut	2nd Cut	1st Cut	2nd Cut	1st Cut	2nd Cut	1st Cut	2nd Cut	1st Cut	2nd Cut
Beauty	(1)	Netherlands	22	26	49	53	(a)		53	86	20	27	(a)		36	48
Boreal*	(3)	Canada	100	100	100	100			100	100	100	100			100	100
B 7733	(3)	Canada	156	141	116	120			96	102	90	147			115	128
Carlawn	(3)	Canada	160	89	163	139			93	94	110	123			132	111
Commodore	(3)	Netherlands	110	95	99	108			74	92	60	110			86	101
G	(2)	Hungary	80	99	125	120			112	134	90	160			102	128
Islandic	(3)	Netherlands	114	155	129	165			83	128	90	220			104	167
Leik	(3)	Norway	198	156	149	188			98	100	290	240			184	171
Pereille	(2)	France	18	38	17	49			29	94	0	0			16	60
Robot	(3)	United Kingdom	154	142	135	153			82	98	180	217			138	153
Satin	(2)	Sweden	60	116	84	149			68	144	100	163			78	143
Zernickower	(3)	East Germany	212	157	184	151			83	126	70	153			137	147
Boreal Yield in (DM) t/ha			0.50	0.91	0.75	0.85			3.21	1.56	0.10	0.30			1.14	0.91

(1) Rhizomes absent or rudimentary
(2) Slender rhizomes
(3) Strong rhizomes
(4) Unclassified

(a) Not seeded

Timothy

Test Site: Beaverlodge Research Station
Seeding Year: 1984

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe	Seed Yield	
					kg/ha	% of Climax
Adda	Iceland	9.0	59	Aug 8	537	187
Climax*	Canada	9.0	61	Aug 8	287	100
G	Hungary	9.0	56	Aug 6	354	123
Hokussyu	Japan	9.0	55	Aug 8	239	83
Jogeva 54	Russia	9.0	59	Aug 6	375	131
Korpa	Iceland	9.0	60	Aug 8	537	187
Mentor	Netherlands	9.0	64	Aug 8	528	184
Nosappu	Japan	9.0	63	Aug 6	267	93
Vik 9	Russia	9.0	63	Aug 8	336	117
Mean					385	
L.S.D. (P = .05)					81	

Test Site: Beaverlodge B (Foster Farm)
Seeding Year: 1984

Adda	Iceland	9.0	63	Aug 8	680	192
Climax*	Canada	9.0	64	Aug 8	355	100
G	Hungary	9.0	63	Aug 6	455	128
Hokussyu	Japan	9.0	60	Aug 8	229	65
Jogeva 54	Russia	9.0	54	Aug 6	278	78
Korpa	Iceland	9.0	61	Aug 6	721	203
Mentor	Netherlands	9.0	58	Aug 8	577	163
Nosappu	Japan	9.0	56	Aug 6	285	80
Vik 9	Russia	9.0	55	Aug 6	300	85
Mean					431	
L.S.D. (P = .05)					154	

Timothy

Test Site: Fort Vermilion Experimental Farm
Seeding Year: 1984

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe	Seed Yield	
					kg/ha	% of Climax
Adda	Iceland	9.0	80	Aug 6	964	357
Climax*	Canada	9.0	70	Aug 6	270	100
G	Hungary	9.0	79	Aug 6	482	179
Hokusyu	Japan	9.0	74	Aug 6	302	112
Jogeva 54	Russia	9.0	86	Aug 6	562	208
Korpa	Iceland	9.0	89	Aug 6	1126	417
Mentor	Netherlands	9.0	83	Aug 6	719	266
Nosappu	Japan	9.0	86	Aug 6	447	166
Vik 9	Russia	9.0	85	Aug 6	640	237
Mean					612	
L.S.D. (P = .05)					223	

Test Site: Gimle (Driedger Farm)
Seeding Year: 1984

Adda	Iceland	9.0	51	Aug 6	336	273
Climax*	Canada	9.0	51	Aug 8	123	100
G	Hungary	8.8	56	Aug 6	192	156
Hokusyu	Japan	7.8	53	Aug 8	112	91
Jogeva 54	Russia	8.8	51	Aug 6	171	139
Korpa	Iceland	8.8	50	Aug 8	306	249
Mentor	Netherlands	9.0	56	Aug 8	313	254
Nosappu	Japan	8.0	55	Aug 6	158	128
Vik 9	Russia	9.0	53	Aug 6	157	128
Mean					208	
L.S.D. (P = .05)					97	

Summary of Timothy Seed Yields
1984 Seeding Year
(Yields are shown as % of Climax)

Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations (Average)
Adda	Iceland	187	192	(a)	357	273	(a)	252
Climax*	Canada	100	100		100	100		100
G	Hungary	123	128		179	156		147
Hokusyu	Japan	83	65		112	91		88
Jogeva 54	Russia	131	78		208	139		139
Korpa	Iceland	187	203		417	249		264
Mentor	Netherlands	184	163		266	254		217
Nosappu	Japan	93	80		166	128		117
Vik 9	Russia	117	85		237	128		142
Climax Yield in kg/ha		287	355		270	123		259

(a) Not seeded

Timothy

Test Site: Beaverlodge Research Station
Seeding Year: 1984

Cultivar	Origin	1st Herbage Yield			2nd Herbage Yield		
		Day Cut	(DM) t/ha	% of Climax	Day Cut	(DM) t/ha	% of Climax
Adda	Iceland	Jun 18	1.44	155	Aug 21	0.95	74
Climax*	Canada	Jun 18	0.93	100	Aug 21	1.29	100
G	Hungary	Jun 18	1.10	118	Aug 21	1.38	107
Hokusyu	Japan	Jun 18	0.66	71	Aug 21	1.13	88
Jogeva 54	Russia	Jun 18	0.92	99	Aug 21	1.31	102
Korpa	Iceland	Jun 18	0.96	103	Aug 21	1.10	85
Mentor	Netherlands	Jun 18	1.41	152	Aug 21	1.26	98
Nosappu	Japan	Jun 18	0.96	103	Aug 21	1.20	93
Vik 9	Russia	Jun 18	1.28	138	Aug 21	1.04	81
Mean			1.07			1.18	
L.S.D. (P = .05)			0.36			0.30	

Test Site: Beaverlodge B (Foster Farm)
Seeding Year: 1984

Adda	Iceland	Jun 17	1.46	92	Aug 19	1.01	70
Climax*	Canada	Jun 17	1.59	100	Aug 19	1.45	100
G	Hungary	Jun 17	1.52	96	Aug 19	1.17	81
Hokusyu	Japan	Jun 17	0.64	40	Aug 19	1.08	74
Jogeva 54	Russia	Jun 17	1.06	67	Aug 19	0.99	68
Korpa	Iceland	Jun 17	1.61	101	Aug 19	1.14	79
Mentor	Netherlands	Jun 17	1.75	110	Aug 19	1.24	86
Nosappu	Japan	Jun 17	1.14	72	Aug 19	1.18	81
Vik 9	Russia	Jun 17	1.22	77	Aug 19	0.80	55
Mean			1.33			1.12	
L.S.D. (P = .05)			0.46			0.27	