

Summary of Red Fescue Herbage Yields
D.M. (t/ha)
1986 Seeding Year - 1988 Harvest

Cultivar	Origin	Beaverlodge A (Research Station)			Beaverlodge B (Foster Farm)			Combined Location Total (% of Boreal)
		1987	1988	2 yr Total	1987	1988	2 yr Total	
Accent	(3) Netherlands	6.65	3.24	9.89	5.45	3.15	8.60	99
B 7733	(3) Canada	5.87	4.21	10.08	4.77	3.92	8.69	100
Boreal *	(3) Canada	6.59	3.91	10.50	5.14	3.08	8.22	100
Ceres	(3) Netherlands	3.56	2.29	5.85	3.03	2.48	5.51	60
Claudia	(3) Netherlands	4.32	3.22	7.54	4.45	3.25	7.70	81
Logro	(4) Ireland	1.61	2.15	3.76	0.87	1.49	2.36	33
Szarvasi 58	(2) Hungary	6.62	4.72	11.34	5.90	4.08	9.98	114
Terhi	(3) Finland	6.77	5.25	12.02	5.39	4.07	9.46	114
Victor	(3) Netherlands	5.86	3.52	9.38	4.97	2.92	7.89	92

Red Fescue

Test Site: Beaverlodge B (Foster Farm)
Seeding Year: 1987

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe 1988	Seed Yield	
					kg/ha 1988	% of Boreal
AND-182	(3) Poland	9.0	61	Jul 18	1055	78
B 7733	(3) Canada	9.0	64	Jul 18	1562	115
Boreal *	(3) Canada	9.0	61	Jul 17	1354	100
Cibel	(1) France	9.0	53	Jul 14	153	11
Elanor	(3) Denmark	9.0	54	Jul 18	385	28
Enjoy	(1) Netherlands	9.0	50	Jul 14	462	34
Estica	(2) Netherlands	9.0	59	Jul 14	442	33
Franklin	(4)	9.0	55	Jul 18	1205	89
Furore	(1) Netherlands	9.0	44	Jul 14	272	20
Gondolin	(3) Denmark	9.0	66	Jul 14	1188	88
Grasslands Cook	(1) New Zealand	9.0	43	Jul 14	210	16
Grasslands Tasman	(2) New Zealand	9.0	59	Jul 14	305	23
Hector	(3) West Germany	9.0	61	Jul 20	1131	84
Jupiter	(2) United Kingdom	9.0	55	Jul 14	274	20
Napsa	(4) Finland	9.0	55	Jul 15	395	29
Sterna	(1) Sweden	9.0	45	Jul 14	129	10
Suzette	(2) Denmark	9.0	61	Jul 14	335	25
Mean					638.7	
L.S.D. (P = .05)					226.6	

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

Red Fescue

Test Site: Fort Vermilion Experimental Farm
Seeding Year: 1987

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe 1988	Seed Yield	
					kg/ha 1988	% of Boreal
AND-182	(3) Poland	9.0	75	Jul 26	767	86
B 7733	(3) Canada	9.0	71	Jul 26	1422	159
Boreal *	(3) Canada	9.0	72	Jul 26	896	100
Cibel	(1) France	9.0	66	Jul 26	156	17
Elanor	(3) Denmark	9.0	69	Jul 26	362	40
Enjoy	(1) Netherlands	9.0	61	Jul 26	451	50
Estica	(2) Netherlands	9.0	59	Jul 26	212	24
Franklin	(4)	9.0	75	Jul 26	1001	112
Furore	(1) Netherlands	9.0	62	Jul 26	328	37
Gondolin	(3) Denmark	9.0	83	Jul 26	639	71
Grasslands Cook	(1) New Zealand	9.0	65	Jul 26	249	28
Grasslands Tasman	(2) New Zealand	9.0	69	Jul 26	128	14
Hector	(3) West Germany	9.0	80	Jul 26	853	95
Jupiter	(2) United Kingdom	9.0	60	Jul 26	114	13
Napsa	(4) Finland	9.0	56	Jul 26	244	27
Sterna	(1) Sweden	9.0	66	Jul 26	254	28
Suzette	(2) Denmark	9.0	62	Jul 26	161	18
Mean					484.6	
L.S.D. (P = .05)					153.5	

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Red Fescue

Test Site: Beaverlodge B (Foster Farm)
Seeding Year: 1987

Cultivar	Origin	Herbage Yield (DM)					
		Cut 1		Cut 2		Total	
		(t/ha)	% of Boreal	(t/ha)	% of Boreal	(t/ha)	% of Boreal
AND-182	(3) Poland	2.72	104	3.85	101	6.56	102
B 7733	(3) Canada	2.91	111	3.26	86	6.17	96
Boreal *	(3) Canada	2.61	100	3.80	100	6.41	100
Cibel	(1) France	0.66	25	1.67	44	2.34	37
Elanor	(3) Denmark	1.31	50	2.88	76	4.18	65
Enjoy	(1) Netherlands	1.21	46	2.09	55	3.30	51
Estica	(2) Netherlands	2.38	91	3.55	93	5.93	93
Franklin	(4)	2.34	90	2.75	72	5.09	79
Furore	(1) Netherlands	0.96	37	1.37	36	2.33	36
Gondolin	(3) Denmark	3.13	120	3.94	104	7.07	110
Grasslands Cook	(1) New Zealand	0.74	28	1.17	31	1.91	30
Grasslands Tasman	(2) New Zealand	1.63	62	3.11	82	4.73	74
Hector	(3) West Germany	2.73	105	2.84	75	5.57	87
Jupiter	(2) United Kingdom	1.42	54	2.87	76	4.29	67
Napsa	(4) Finland	0.77	30	1.41	37	2.19	34
Sterna	(1) Sweden	0.33	13	1.10	29	1.43	22
Suzette	(2) Denmark	2.17	83	3.24	85	5.42	85
Mean		1.77		2.64		4.41	
L.S.D. (P = .05)		0.58		0.57		0.97	

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Red Fescue

Test Site: Fort Vermilion Experimental Farm
Seeding Year: 1987

Cultivar	Origin	Herbage Yield (DM)					
		Cut 1		Cut 2		Total	
		(t/ha)	% of Boreal	(t/ha)	% of Boreal	(t/ha)	% of Boreal
AND-182	(3) Poland	4.77	103	2.63	124	7.40	109
B 7733	(3) Canada	5.39	116	2.22	105	7.61	113
Boreal *	(3) Canada	4.64	100	2.12	100	6.76	100
Cibel	(1) France	2.23	48	2.11	99	4.34	64
Elanor	(3) Denmark	2.55	55	2.43	115	4.98	74
Enjoy	(1) Netherlands	3.39	73	1.05	50	4.45	66
Estica	(2) Netherlands	2.92	63	2.38	112	5.30	78
Franklin	(4)	4.43	95	1.50	71	5.93	88
Furore	(1) Netherlands	2.53	55	0.70	33	3.23	48
Grasslands Cook	(1) New Zealand	2.68	58	1.00	47	3.68	54
Grasslands Tasman	(2) New Zealand	2.65	57	2.31	109	4.96	73
Gondolin	(3) Denmark	4.13	89	3.06	144	7.19	106
Hector	(3) West Germany	4.37	94	1.74	82	6.11	90
Jupiter	(2) United Kingdom	2.18	47	2.93	138	5.10	75
Napsa	(4) Finland	2.37	51	2.10	99	4.47	66
Sterna	(1) Sweden	1.40	30	1.40	66	2.80	41
Suzette	(2) Denmark	3.35	72	3.17	150	6.52	96
Mean		3.29		2.05		5.34	
L.S.D. (P = .05)		0.89		0.85		1.47	

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