

**B**

Cultivar Screening Trial  
Seeding Year: 1984

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating		Herbage Yield Rating	
					1985	1986	1985	1986
Alfalfa ( <i>Medicago sativa</i> L.)					1985	1986	1985	1986
	Adriana	Italy	4.9	58	2.3	4.0	3.0	4.0
	Alize	France	4.7	71	2.7	5.0	3.7	4.0
	Answer	United States	5.0	70	2.0	3.5	3.3	4.3
	Apica	Canada	5.0	77	4.0	4.7	4.0	5.0
	Beaver*	Canada	5.0	57	1.7	4.7	2.7	3.3
	Buffalo	United States	4.3	64	1.3	2.7	2.3	3.0
	Cody	United States	4.9	65	2.3	3.7	2.0	3.7
	Dell'Italia Centrale	Italy	3.0	69	1.3	2.7	2.3	1.3
	Diablo Verde	United States	1.9	65	0.7	1.7	1.7	1.0
	Dunavka	Bulgaria	5.0	59	2.0	2.7	3.0	3.0
	Equipe	Italy	4.9	52	1.0	2.3	2.7	3.0
	Ezzelina	Italy	4.4	63	2.7	3.0	3.0	3.7
	Falkiner	Australia	3.7	50	1.0	1.0	2.7	2.3
	Gladiator	United States	5.0	57	1.7	2.3	3.0	3.0
	Glory	Canada	4.9	71	2.7	4.7	3.7	4.7
	Grasslands Oranga	New Zealand	3.2	64	3.7	3.7	3.0	3.0
	Hunter	Canada	5.0	62	1.7	3.7	2.7	3.7
	Hunterfield	Australia	1.0	63	0.7	1.7	1.0	0.3
	Hunter River	Australia	1.6	46	1.0	1.0	1.3	0.7
	Hyliki	Greece	4.9	59	1.0	3.0	3.0	3.7
	Hypati	Greece	4.9	71	1.3	3.3	3.0	4.0
	ICO-2	United States	4.9	65	2.0	2.7	3.0	3.7
	ICO-3	United States	4.7	57	1.7	3.3	3.0	2.7
	ICO-16	United States	5.0	58	1.3	2.7	3.0	3.7
	L-720	United States	5.0	75	2.7	5.0	3.3	4.7
	LS-C25	United States	4.9	68	2.7	3.7	3.0	4.3
	LS-1920	United States	4.0	73	2.7	3.0	2.3	2.7
	L.99/100 Florida	Italy	4.4	68	1.7	3.3	3.7	3.7
	L.202 Bresaola	Italy	4.5	71	2.7	4.0	3.0	4.0
	La Bella Campagnola	Italy	4.0	62	1.3	2.3	3.0	2.3
	La Berica	Italy	3.9	67	2.0	2.7	2.7	3.0

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating		Herbage Yield Rating	
					1985	1986	1985	1986
Alfalfa ( <u>Medicago sativa</u> L.) cont'd					1985	1986	1985	1986
	Lahontan	United States	4.7	67	2.3	4.3	3.0	3.7
	Lifeuil	France	4.3	60	1.3	3.0	2.0	2.7
	Mamuntanas	Italy	3.0	62	2.7	2.7	2.0	2.0
	Maxidor	United States	1.5	51	1.0	1.0	1.3	0.7
	Medijana	Yugoslavia	4.5	65	2.0	4.3	2.7	4.3
	Mesilla	United States	2.0	60	1.3	1.7	1.3	1.0
	Moapa	United States	1.0	70	0.3	1.0	0.3	0.3
	Nomad	United States	4.9	56	2.7	4.0	2.3	3.3
	Nova	Australia	4.0	58	1.3	1.3	3.3	2.0
	Peak	United States	5.0	63	1.7	2.3	3.0	3.7
	Phytor	United States	4.9	64	2.0	3.3	2.7	3.3
	Pleven 6	Bulgaria	4.7	72	2.3	4.0	3.0	3.7
	Primal	United States	4.9	67	1.0	3.7	3.7	4.3
	Prosementi Bologna	Italy	4.7	79	3.3	4.3	3.0	4.3
	Rere	New Zealand	3.4	54	1.0	2.7	3.0	2.7
	Robot	Italy	4.5	64	1.0	3.3	3.0	3.7
	Sette	Italy	3.7	65	2.7	2.7	3.3	2.3
	Sheffield	Australia	2.7	55	3.0	2.7	2.3	2.0
	Siriver	Australia	1.3	68	0.3	1.3	0.7	0.7
	Springfield	Australia	1.5	50	1.0	1.3	1.3	1.0
	Szarvasi 2	Hungary	4.7	65	2.3	2.3	3.3	3.3
	Szarvasi 4	Hungary	4.9	60	1.7	2.3	3.0	3.3
	Trek	Canada	4.9	67	3.0	4.0	3.7	3.7
	Turrena	Italy	2.6	62	1.3	1.7	2.0	1.7
	Vista	United States	5.0	65	2.3	3.3	3.3	4.0
	Wakefield	Australia	2.4	60	2.0	2.3	2.0	1.7
	W.H. Nova	West Germany	5.0	60	1.0	3.0	3.3	3.7
	524	United States	4.7	61	3.0	3.3	3.0	3.3
	526	United States	5.0	61	1.7	3.7	3.3	4.0
	532	United States	4.7	61	1.3	2.3	2.0	3.0

\*Beaver (Yield in kg/ha)

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Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating		Herbage Yield Rating	
					1985	1986	1985	1986
Birdsfoot Trefoil ( <u>Lotus corniculatus</u> L.)					1985	1986	1985	1986
	Carroll	United States	2.9	39	2.0	5.0	2.0	3.7
	Cree	Canada	1.7	30	2.0	3.3	1.0	2.0
	Leo*	Canada	2.3	37	2.3	5.0	2.3	3.7
	Mirabel	Canada	2.0	34	2.0	5.0	1.3	2.7
	* Leo (Yield in kg/ha)				104	439		
Fescue, Meadow ( <u>Festuca pratensis</u> Huds.; <u>F. elatior</u> auct.)								
	Aberystwyth S.215	United Kingdom	4.0	56	2.3	3.5	2.0	4.0
	Balder	Denmark	4.0	57	2.7	3.0	2.7	4.5
	BAR 79-72S	Netherlands	4.7	55	2.3	3.5	2.3	4.0
	BAR 79-72T	Netherlands	4.7	55	3.7	3.5	3.3	4.5
	BAR 79-74I	Netherlands	4.3	50	2.7	2.5	2.3	3.5
	BY 1	Canada	4.7	60	3.3	3.5	3.3	4.0
	Fesko	West Germany	4.0	59	2.7	3.5	2.7	4.5
	Lifelix	West Germany	4.7	54	2.3	3.0	2.3	4.0
	Listella	West Germany	4.7	55	3.3	3.5	3.3	4.0
	Mimer*	Sweden	3.0	58	4.0	3.0	2.3	4.0
	Ovari	Hungary	5.0	55	3.3	2.5	3.3	4.0
	Paltar	Romania	4.0	60	2.3	2.5	2.3	3.5
	Senu	Sweden	5.0	62	3.7	3.5	3.3	4.5
	Westa 4n	Poland	3.7	61	2.3	3.5	2.7	4.0
	* Mimer (Yield in kg/ha)				592	460		
Fescue, Red ( <u>Festuca rubra</u> L.)								
	BAR FRR RC1	(3) Netherlands	5.0	45	3.7	5.0	3.0	3.3
	BAR FRR RC2	(3) Netherlands	5.0	48	3.3	4.7	3.3	3.3
	BAR FRC 79-LAU	(1) Netherlands	5.0	32	1.3	3.0	1.3	2.0
	Boreal*	(3) Canada	5.0	48	3.0	5.0	2.7	3.7
	Borfesta	(2) East Germany	5.0	40	2.0	4.0	2.7	3.0
	ERG 436	(1) Netherlands	5.0	31	2.3	3.0	1.7	2.7
	G	(2) Hungary	5.0	49	2.3	5.0	2.7	4.3
	Magenta	(1) Netherlands	5.0	35	1.0	3.7	1.0	2.0

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating		Herbage Yield Rating	
					1985	1986	1985	1986
Fescue, Red ( <u>Festuca rubra</u> L.) cont'd					1985	1986	1985	1986
	Muse	(1) France	5.0	33	1.0	3.0	1.3	1.7
	Perelle	(2) France	5.0	33	1.0	2.7	1.7	2.0
	Premiere	(1) Netherlands	5.0	34	1.0	3.0	1.7	1.7
	Rabo	(1) East Germany	5.0	38	1.7	4.7	1.7	3.0
	Soprano	(1) France	5.0	29	1.7	2.7	1.7	1.3
	Tantop	(1) West Germany	5.0	36	1.0	2.7	1.3	1.7
	Virtus	(2) West Germany	5.0	36	1.3	3.3	2.3	2.3
	* Boreal (Yield in kg/ha)				360	1154		
	(1) Rhizomes absent or rudimentary							
	(2) Slender rhizomes							
	(3) Strong rhizomes							
	(4) Unclassified							
Fescue, Tall ( <u>Festuca arundinacea</u> Schreb.)								
	Arola	West Germany	5.0	63	3.0	4.0	3.0	4.0
	BAR 315	Netherlands	5.0	80	4.0	3.0	4.0	4.0
	Brookston	United States	5.0	68	3.0	4.0	3.0	3.0
	Buffalo	France	4.0	68	2.0	3.0	3.0	3.0
	Festorina	Netherlands	5.0	81	3.0	4.0	3.0	5.0
	Houndog	United States	5.0	66	2.0	3.0	3.0	5.0
	Kentucky 31*	United States	5.0	73	5.0	4.0	5.0	5.0
	Lince	Italy	3.0	81	1.0	4.0	2.0	4.0
	Orino	Netherlands	5.0	74	3.0	4.0	3.0	4.0
	Pandur	Romania	4.0	61	1.0	3.0	1.0	4.0
	Parnas	Romania	4.0	68	1.0	4.0	2.0	4.0
	* Kentucky 31 (Yield in kg/ha)				661	449		
Fescue x Ryegrass Hybrid ( <u>Festuca pratensis</u> L. x <u>Lolium perenne</u> L.)								
	Kemal*	United States	4.0	55	3.3	2.0	3.0	3.0
	Prior	United Kingdom	4.0	59	3.3	2.0	3.3	3.0
	* Kemal (Yield in kg/ha)				452	168		

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating		Herbage Yield Rating	
					1985	1986	1985	1986
Orchard Grass ( <u>Dactylis glomerata</u> L.)					1985	1986	1985	1986
	Abar	Poland	2.0	75	0.3	2.5	1.7	3.0
	Amba	Denmark	2.7	71	0.7	2.5	1.7	3.5
	Dika	Poland	2.7	67	0.7	3.5	1.7	4.0
	Dora	Italy	1.7	68	0.3	2.5	1.3	3.0
	Goliat	Romania	2.7	75	0.7	2.5	2.0	3.5
	Gorom	Romania	3.0	66	0.7	3.7	1.7	4.0
	ISI-81-1	United States	2.7	79	0.7	2.5	1.7	3.0
	Jesper	Denmark	1.7	80	0.3	1.5	1.0	1.5
	Kay*	Canada	3.7	68	1.7	3.0	2.3	4.3
	Lidacta	West Germany	2.0	63	0	1.5	0.7	1.5
	Lodola	Italy	2.3	74	0.7	2.5	1.7	3.0
	Loke	Sweden	2.3	74	0.7	3.0	2.0	2.5
	Motterwitzer	East Germany	3.0	68	1.0	3.0	1.7	3.5
	Nera	Poland	2.7	80	0.3	2.0	1.3	2.5
	Poiana	Romania	2.3	80	0.7	1.5	1.3	2.5
	Satra	Poland	3.3	68	1.0	2.7	2.7	4.0
	* Kay (Yield in kg/ha)				77	217		
Ryegrass, Perennial ( <u>Lolium perenne</u> L.)								
	A 193/83	Hungary	4.7	46	5.0	5.0	3.0	3.3
	Anduril	Denmark	3.0	50	2.7	3.3	2.3	2.7
	Baca	Czechoslovakia	2.7	43	2.3	3.0	2.0	3.0
	Baranna	Netherlands	4.0	36	2.7	2.7	2.3	3.0
	Barclay	Netherlands	3.7	40	1.7	3.0	1.7	1.3
	Bardonna	West Germany	3.0	39	2.3	2.0	1.7	2.3
	Bartony	Netherlands	3.7	42	2.0	2.7	1.7	1.7
	BAR LP 79F	Netherlands	2.7	38	1.3	2.3	1.3	1.3
	BAR LP 80ZA	Netherlands	2.7	44	1.7	2.0	1.3	1.7
	BAR LP 410	Netherlands	3.0	34	1.7	2.0	1.3	1.7
	Belida	Denmark	1.7	40	0.7	0.7	0.3	1.0
	Bellatrix	Netherlands	3.3	44	2.0	3.7	2.0	1.7
	Bonita 4n	West Germany	3.3	42	2.7	2.7	2.3	3.3
	BT-1	United States	4.0	37	3.3	3.0	2.3	2.3
	Butterfly	West Germany	3.7	47	3.0	3.3	2.7	2.7

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					1985	1986	1985	1986
Ryegrass, Perennial ( <u>Lolium perenne</u> L.) cont'd					1985	1986	1985	1986
	Chevron	United Kingdom	1.3	40	0.7	1.0	0.7	1.0
	Citation	United States	2.7	33	1.7	2.0	1.3	2.3
	Condesa 4n	Netherlands	1.7	51	1.3	2.3	1.0	1.3
	Contender	United Kingdom	3.7	49	2.7	3.3	2.3	2.0
	Corona	West Germany	3.0	37	1.0	2.3	1.0	1.3
	Darbo	Denmark	3.0	44	2.3	2.7	2.3	2.7
	Diana	West Germany	3.3	46	2.0	2.0	1.7	1.3
	Elka	Netherlands	3.0	37	1.0	3.0	1.0	1.0
	Game	Netherlands	3.7	38	3.0	3.0	2.0	3.0
	Gazon	Poland	4.0	52	2.7	4.7	2.7	2.7
	Idole	France	1.7	30	0.3	0.7	0.3	0.3
	Kerem	West Germany	3.7	48	2.7	3.7	2.3	3.0
	LD 2343	Denmark	2.3	45	1.3	2.0	1.3	1.7
	LD 2344	Denmark	3.7	48	2.0	3.0	2.3	1.3
	LD 2408	Denmark	2.3	53	2.7	3.7	2.7	2.7
	Lidura	West Germany	2.7	40	1.7	2.3	1.0	2.3
	Lihersa	West Germany	2.7	46	2.3	3.7	2.0	2.7
	Lilope	West Germany	3.0	42	2.7	3.3	1.7	2.0
	Limedia	West Germany	2.7	44	2.3	3.0	2.0	2.7
	Liperlo	West Germany	2.0	45	1.0	1.3	0.7	1.0
	Liprior	West Germany	2.3	45	2.0	2.0	1.3	1.7
	Lorina	West Germany	2.0	32	1.0	2.3	1.0	1.0
	Magella	Netherlands	3.3	45	3.0	3.0	2.7	2.7
	Maprima	East Germany	2.7	49	1.3	2.3	1.7	1.7
	Marietta	West Germany	2.7	36	1.3	2.3	1.3	1.3
	Marta	Romania	3.7	48	2.7	3.3	2.3	2.7
	Monta	Netherlands	1.3	38	0.3	1.0	0.3	1.0
	Moranta	Netherlands	1.7	41	1.0	1.3	0.7	1.7
	Morgana	Netherlands	1.3	43	0.7	0.7	0.7	1.0
	Norlea*	Canada	4.3	52	3.3	3.3	3.0	3.0
	Pamir	Italy	1.7	40	0.7	1.0	0.3	0.7
	Pennant 4n	United Kingdom	2.0	47	1.7	2.3	1.3	2.3
	Perfect	Netherlands	2.3	43	1.7	1.7	1.0	0.7
	Perray	West Germany	3.0	45	1.7	2.0	1.7	1.3
	Pippin	Denmark	3.0	47	1.3	3.0	1.7	2.3
	Pleno	Denmark	1.3	43	0.3	1.0	0.3	0.7

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					1985	1986	1985	1986
Ryegrass, Perennial ( <u>Lolium perenne</u> L.) cont'd					1985	1986	1985	1986
	Premier	United States	3.7	41	3.0	3.7	1.7	4.0
	Rapid	Romania	2.3	46	1.7	1.0	1.0	1.3
	Rapsod	Romania	3.0	48	2.0	2.3	1.3	2.3
	Saione	Denmark	2.0	47	0.7	2.0	1.3	0.7
	Senator	West Germany	1.7	43	1.0	2.0	1.0	1.7
	Servo	Sweden	5.0	49	3.7	5.0	3.0	3.3
	Svea	Sweden	4.7	50	4.3	5.0	3.0	4.0
	Tando	West Germany	3.0	38	2.0	3.0	1.0	2.0
	Tonga 4n	Denmark	2.3	43	2.0	2.3	1.7	2.3
	Tresor	Netherlands	2.7	39	1.0	2.0	1.3	1.7
	* Norlea (Yield in kg/ha)				456	450		
Timothy ( <u>Phleum pratense</u> L.)								
	BAR 81-3	Netherlands	5.0	74	4.0	4.7	4.0	4.0
	BAR 82-4	Netherlands	5.0	74	3.3	5.0	3.3	3.7
	Climax*	Canada	5.0	76	4.0	4.7	4.0	4.3
	Php 10	Netherlands	5.0	72	4.0	5.0	3.7	4.7
	Php 11	Netherlands	5.0	70	4.0	5.0	3.3	4.7
	Php 137.82	Netherlands	5.0	69	4.3	4.3	3.3	4.3
	Php 157.82	Netherlands	5.0	69	3.3	4.7	3.3	3.7
	Z 3011	West Germany	5.0	71	4.0	4.7	3.7	4.3
	* Climax (Yield in kg/ha)				402	453		



Cultivar Screening Trial  
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Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating	Herbage Yield Rating
Alfalfa ( <u>Medicago sativa</u> L.)						
	Alegro	France	5.0	80	4.3	4.0
	Amador	United States	3.0	68	2.7	2.0
	Beaver*	Canada	5.0	70	5.0	3.3
	Blazer	United States	5.0	78	4.3	4.0
	BY 2	Canada	5.0	75	3.7	4.0
	Classic	United States	5.0	78	4.7	4.0
	Fundulea 652	Romania	5.0	78	3.3	4.0
	Gloria	Romania	5.0	78	3.7	3.7
	Heinrichs	Canada	5.0	77	3.7	4.0
	Joaquin II	United States	5.0	73	3.0	3.0
	Kiliana	West Germany	5.0	78	4.0	3.7
	Lovetch	Bulgaria	5.0	70	3.7	3.3
	Lutetia	Romania	5.0	75	5.0	3.3
	Magnum	United States	5.0	80	4.7	4.0
	Matador	United States	2.3	73	2.0	1.7
	New Mexico 11-1	United States	3.0	70	2.3	1.7
	Preserve	United States	5.0	80	3.7	4.0
	Rangelander	Canada	5.0	70	5.0	3.7
	Rayen	Chile	2.3	63	1.3	1.3
	Regal	United States	5.0	78	4.7	4.0
	Spectrum	United States	5.0	80	4.7	3.7
	Star	France	5.0	73	4.3	4.0
	Trident	United States	5.0	70	3.7	3.7
	Trifecta	Australia	2.7	72	2.0	1.7
	Turbo	United States	5.0	73	3.7	3.3
	Warrior	United States	5.0	72	3.7	4.0
	WWB 8	Sweden	5.0	80	4.7	4.0
	WWB 9	Sweden	5.0	68	3.0	3.3
	WWB 10	Sweden	5.0	70	3.0	3.3
	120	United States	5.0	77	3.0	3.7

\*Beaver (Yield in kg/ha)

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<u>Birdsfoot Trefoil (Lotus corniculatus L.)</u>						
	Leo*	Canada	3.7	50	5.0	3.7
	Quimey	Chile	0	0	0	0
	Szabolcsi 1	Hungary	2.7	42	3.3	3.3
	*Leo (Yield in kg/ha)				750	
<u>Alsike Clover (Trifolium incarnatum L.)</u>						
	Aurora*	Canada	4.0	42	4.7	2.7
	Frida	Sweden	4.7	43	5.0	3.0
	SV 0244	Sweden	4.0	45	4.7	2.7
	*Aurora (Yield in kg/ha)				341	
<u>Red Clover (Trifolium pratense L.)</u>						
	Altaswede*	Canada	4.3	75	5.0	4.0
	GKT Tetra 4n	Hungary	2.3	57	3.0	2.0
	Prosper	United States	3.3	42	3.7	2.3
	Rajah	Denmark	4.0	65	5.0	3.7
	Ruttinova	Switzerland	2.3	50	2.3	1.7
	Verdi	France	2.0	57	2.3	1.0
	*Altaswede (Yield in kg/ha)				512	
<u>White Clover (Trifolium repens L.)</u>						
	Ala	Poland	4.3	20	4.7	2.3
	G 66	Hungary	4.0	30	4.0	1.7
	Luclair	France	3.7	25	3.0	1.0
	Lune de Mai	France	4.3	23	3.7	1.7
	Lustar	France	3.7	23	2.7	1.0
	Major	France	3.3	22	2.3	1.0
	Makibasiro	Japan	3.7	18	2.3	1.0
	Merwi	Belgium	4.3	22	3.0	1.7
	Nora*	Sweden	4.7	20	4.0	2.3

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating	Herbage Yield Rating
White Clover ( <u>Trifolium repens</u> L.) cont'd						
	Radi	Poland	4.3	28	4.0	2.0
	Rema	Poland	4.7	27	5.0	2.3
	Rivendel	Denmark	4.7	18	4.0	2.3
	Ross	Ireland	3.7	25	1.7	1.0
	Sandra	Sweden	4.3	23	4.0	2.3
	*Nora (Yield in kg/ha)				266	
Bromegrass ( <u>Bromus inermis</u> Leysser)						
	Bravo	Canada	5.0	110	5.0	5.0
	Carlton*	Canada	5.0	110	5.0	5.0
	*Carlton (Yield in kg/ha)				1205	
Meadow Fescue ( <u>Festuca pratensis</u> Huds.; <u>F. elatior</u> auct.)						
	Barmondo	Netherlands	5.0	70	5.0	5.0
	Bartran	Netherlands	5.0	63	5.0	5.0
	Benfesta	East Germany	5.0	75	5.0	5.0
	Maiko	Denmark	5.0	73	5.0	5.0
	Merifest	Belgium	5.0	62	5.0	5.0
	Mimer*	Sweden	5.0	68	5.0	5.0
	*Mimer (Yield in kg/ha)				1230	
Red Fescue ( <u>Festuca rubra</u> L.)						
	Bar FRC 510 (1)	Netherlands	5.0	33	4.0	3.0
	Barnica (1)	Netherlands	5.0	38	4.3	3.0
	Baruba (1)	Netherlands	5.0	37	2.3	2.3
	Boreal* (3)	Canada	5.0	55	5.0	4.0
	Club (1)	France	5.0	37	3.7	3.0
	Epsom (1)	Netherlands	5.0	38	3.3	2.7
	Ferota (1)	Czechoslovakia	5.0	38	4.3	2.7

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating	Herbage Yield Rating
Red Fescue ( <u>Festuca rubra</u> L.) cont'd						
	Flemo	(3) Netherlands	5.0	57	5.0	4.0
	Ombra	(1) United States	5.0	48	4.0	3.0
	Recent	(2) Netherlands	5.0	45	3.0	3.3
	Rufilla	(2) Netherlands	5.0	53	3.0	3.3
	Testop	(2) West Germany	5.0	47	3.3	3.0
	Tiptop	(1) West Germany	5.0	38	3.0	2.0
	Venus	(1) Netherlands	5.0	38	4.0	3.0
	WWRS 124	(3) Sweden	5.0	52	4.3	4.0
	WWRS 125	(3) Sweden	5.0	55	4.3	4.0
	WWRS 127	(3) Sweden	5.0	42	4.3	3.0
	WWRS 128	(3) Sweden	5.0	53	4.3	3.7
	*Boreal (Yield in kg/ha)				850	
	(1) Rhizomes absent or rudimentary					
	(2) Slender Rhizomes					
	(3) Strong Rhizomes					
	(4) Unclassified					
Tall Fescue ( <u>Festuca arundinacea</u> Schreb.)						
	Cigale	France	5.0	65	3.7	4.7
	Kentucky 31*	United States	5.0	78	5.0	4.7
	Luther	France	5.0	85	3.7	4.7
	Mustang	United States	4.7	75	3.7	4.3
	*Kentucky 31 (Yield in kg/ha)				505	
Orchard Grass ( <u>Dactylis glomerata</u> L.)						
	Filippa	Denmark	5.0	75	1.0	3.7
	Kay*	Canada	5.0	77	3.0	5.0
	Niva	Czechoslovakia	5.0	72	1.0	3.3
	Pennlate	United States	0	0	0	0
	Remanso	Netherlands	2.7	67	1.0	2.0
	*Kay (Yield in kg/ha)				213	

Species	Cultivar	Origin	Hardiness	Height (cm)	Seed Yield Rating	Herbage Yield Rating
Reed Canarygrass ( <i>Phalaris arundinacea</i> L.)						
	Castor*	Canada	5.0	112	2.3	2.3
	Motterwitzer	East Germany	5.0	107	2.3	2.3
	*Castor (Yield in kg/ha)				84	
Timothy ( <i>Phleum pratense</i> L.)						
	Alma	Finland	5.0	78	4.0	4.3
	Climax*	Canada	5.0	82	4.0	4.3
	EPHP 102	Netherlands	5.0	80	4.0	4.7
	EPHP 112	Netherlands	5.0	75	4.0	4.7
	EPHP 122	Netherlands	5.0	80	4.0	4.3
	Kunpu	Japan	5.0	73	3.7	4.7
	Lirocco	West Germany	5.0	77	3.7	4.3
	Mariposa	Canada	5.0	77	3.7	3.7
	M3-8897	United Kingdom	5.0	72	4.0	2.7
	PHP 12	Netherlands	5.0	77	3.7	4.0
	PHP 14	Netherlands	5.0	78	4.0	3.0
	RVP 02	Belgium	5.0	72	3.3	4.3
	RVP 03	Belgium	5.0	68	4.0	5.0
	Thibet	Netherlands	5.0	82	4.0	3.7
	Winmor	United States	5.0	92	4.0	4.3
	Wugra	East Germany	5.0	77	4.0	4.7
	WWT 100	Sweden	5.0	77	4.0	4.7
	Z 3022	West Germany	5.0	77	4.0	4.0
	*Climax (Yield in kg/ha)				374	

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## SUMMARY OF FORAGE SEED YIELDS IN NORTHERN ALBERTA

Species Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations
Bromegrass, Smooth ( <u>Bromus inermis</u> Leyss.) Yields shown as % of Carlton								
Baylor	United States	68(3)*	55(3)	73(3)	72(3)		56(3)	65(15)
Beacon	United States	65(5)			45(2)	62(2)		60 (9)
Blair	United States	42(3)	41(3)	43(3)	52(3)		40(3)	44(15)
Carlton	Canada	100(8)	100(6)	100(6)	100(8)	100(2)	100(3)	100(33)
Jubilee	Canada	60(5)	55(3)	52(3)	51(5)	64(2)	51(3)	55(21)
Lyon	United States	46(3)	70(3)	68(3)	52(3)			59(12)
Magna	Canada	86(3)	92(6)	99(6)	108(6)		96(3)	98(24)
Orfeu	Romania	81(6)	91(3)	94(3)	79(3)		107(3)	89(18)
Regar(1)	United States	47(3)	50(6)	45(6)	38(6)		38(3)	44(24)
Signal	Canada	124(8)	118(3)	105(3)	123(5)	157(2)	117(3)	123(24)
Svaja	Sweden	81(5)	78(3)	71(3)	69(5)	65(2)	64(3)	72(21)
Tempo	Canada	54(6)	56(6)	51(6)	67(6)			57(24)
Carlton (Yield in kg/ha)		691(8)	624(6)	611(6)	563(8)	248(2)	601(3)	598(33)

(1) Meadow Bromegrass - (Bromus biebersteinii Roem et Schult.)

\* Data years

Fescue, Red (Festuca rubra L.) Yields shown as % of Boreal

Agram	(1)	Netherlands	46(5)	28(6)	24(6)	29(4)		31(21)
Atlanta	(1)	Netherlands	34(5)	21(3)	20(3)	24(2)		24(13)
Ballade	(2)	France	9(3)	16(3)	8(3)	17(2)	8(2)	11(13)
Banner	(4)	United States	56(5)	37(6)	43(6)	34(4)	21(2)	41(23)
Bastide	(2)	France	20(6)	19(6)	9(6)	4(4)	11(2)	14(24)
Beauty	(1)	Netherlands	29(2)	42(2)		42(2)		41 (7)
Bingo	(1)	Netherlands	21(3)	30(3)	22(3)	51(2)		29(11)
Boreal	(3)	Canada	100(12)	100(8)	100(6)	100(8)	100(3)	100(39)
Cascade	(4)	United States		23(3)	21(3)	18(2)		21 (8)
Checker	(4)	United States	50(3)	29(3)	26(3)	36(2)		35(11)
Chiwago	(2)	West Germany	36(2)					36 (2)
Commodore	(3)	Netherlands	61(2)	82(2)		50(2)	73(1)	66 (7)
Dawson	(2)	Netherlands		39(3)	43(2)	21(2)		35 (7)

Species	Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations
	Diamond	(1) Netherlands	50(2)	24(3)	27(3)	18(2)			29(10)
	Eboli	(1) Denmark	15(2)						15 (2)
	Encota	(1) Netherlands		18(3)	22(3)	20(2)			20 (8)
	Engina	(3) Netherlands	73(3)	112(3)	67(3)	71(2)			82(11)
	Ensylva	(3) Netherlands	33(6)	45(6)	25(6)	33(4)		42(2)	35(24)
	Envira	(3) Netherlands	72(6)	93(6)	92(6)	69(4)		114(2)	85(24)
	Enzet	(3) Netherlands	93(6)	91(6)	82(6)	74(4)		130(2)	90(24)
	Epaulette	(2) United Kingdom	11(3)	14(3)	11(3)	13(2)		11(2)	12(13)
	Falter	(1) West Germany	10(2)						10 (2)
	Faramir	(2) Denmark	22(2)						22 (2)
	Fortress	(3) United States	51(6)	73(6)	47(6)	42(4)		58(2)	55(24)
	Frida	(1) Netherlands	17(3)	28(3)	34(2)	25(2)			25(10)
	Futuro	(3) West Germany	21(2)						21 (2)
	G	(2) Hungary	80(2)	83(2)		78(2)	80(1)		80 (7)
	Gavotte	(1) Netherlands	18(2)						18 (2)
	Hackle	(2) United Kingdom	11(3)	9(3)	4(3)	8(2)		3(2)	7(13)
	Hawk	(2) United Kingdom	75(2)						75 (2)
	Highlight	(1) Netherlands		29(3)	30(3)	24(2)			28 (8)
	Ivalo	(1) Denmark	32(2)	29(6)	19(6)	26(4)			26(18)
	Keszthelyi	2(2) Hungary	45(3)	63(6)	57(6)	32(4)		43(2)	51(21)
	Koket	(1) Netherlands		40(3)	30(3)	29(2)			34 (8)
	Leik	(3) Norway	90(7)	82(5)	66(3)	130(6)	79(3)	121(2)	96(26)
	Lifalla	(1) West Germany		30(3)	33(3)	21(2)			29 (8)
	Lirota	(1) West Germany	13(2)						13 (2)
	Lirouge	(1) West Germany	19(3)	17(6)	18(6)	29(4)			20(19)
	Lobi	(1) West Germany	36(2)						36 (2)
	Luster	(1) Netherlands	18(5)	27(3)	15(3)	35(4)	38(2)		25(17)
	Manoir	(2) France	9(3)	25(3)	7(3)	11(2)			13(11)
	Menuet	(1) Netherlands		28(3)	31(3)	21(2)			27 (8)
	Merlin	(2) United Kingdom	13(3)	20(3)	10(3)	8(2)			13(11)
	Moncorde	(3) Netherlands	55(6)	61(6)	50(6)	61(4)		40(2)	56(24)
	Oasis	(2) Netherlands	20(9)	26(6)	31(5)	13(6)	32(2)		23(28)
	Odra	(1) West Germany		35(3)	46(3)	38(2)			40 (8)
	Oriflamme	(2) United Kingdom	18(3)	21(3)	17(3)	31(2)		54(2)	26(13)
	Parita	(1) Netherlands	28(3)	29(3)	30(3)	59(2)			34(11)
	Perelle	(2) France	14(2)	14(2)		10(2)			13 (6)
	Pernille	(3) Denmark	37(3)	43(6)	35(6)	30(4)		54(2)	38(21)
	Pollux	(3) Denmark		70(6)	62(6)	45(4)		63(2)	61(18)



Species	Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermillion	Gimle	High Level	All Locations
	Puma	(1) Denmark	32(6)	31(6)	25(6)	31(4)			30(22)
	Rapid	(3) Netherlands	61(3)	87(6)	80(6)	64(4)		116(2)	80(21)
	Rasengold	(1) West Germany		43(3)	44(3)	28(2)			40 (8)
	Reptans	(3) Sweden	68(6)	76(3)	80(3)	75(2)		92(2)	76(16)
	Roland 21	(3) West Germany	50(6)	72(3)	71(3)	50(2)		68(2)	60(16)
	Rolax	(1) Belgium		48(3)	37(3)	28(2)			39 (8)
	Rubina Roskilde	(3) Denmark	58(3)						58 (3)
	Satin	(2) Sweden	22(2)	26(2)		20(2)	26(1)		23 (7)
	Scarlet	(1) Netherlands	42(5)	31(6)	28(6)	41(4)			35(21)
	Solfège	(1) France	25(2)						25 (2)
	Sonnet	(2) Netherlands	13(3)	18(3)	7(3)	11(2)			12(11)
	Tamara	(1) Denmark		36(3)	39(3)	34(2)			37 (8)
	Tatjana	(1) Denmark	30(3)	40(6)	43(5)	47(4)			41(18)
	Tridano	(3) Denmark	56(2)						56 (2)
	Valaska	(4) Czechoslovakia	42(5)	23(3)	27(3)	45(4)	44(2)		37(17)
	Veni	(1) Denmark	31(6)	38(6)	38(6)	31(4)			35(22)
	Waldorf	(1) Netherlands		28(3)	24(3)	26(2)			26 (8)
	Zernickower	(3) East Germany	77(7)	95(5)	64(3)	73(6)	88(3)	131(2)	83(26)
	Boreal (Yield in kg/ha)		469(12)	642(8)	511(6)	618(8)	898(3)	390(2)	570(39)

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

Timothy (Phleum pratense L.) Yields shown as % of Climax

Adda	Iceland	248(2)	211(2)		313(2)	227(2)		250 (8)
Alpage	France	109(5)	101(3)	137(3)	113(5)	116(2)	99(3)	112(21)
Barmidi	Netherlands	71(3)	76(3)	71(2)	36(1)			69 (9)
Barmoti	Netherlands		125(3)	121(2)	85(2)			112 (7)
Bartimi	Netherlands	125(3)	112(6)	119(5)	112(5)		83(3)	111(22)
Barvanti	Netherlands	74(3)	61(3)	62(2)	22(2)			57(10)
Basho	Canada	65(6)	77(6)	62(5)	46(3)		40(3)	62(23)
Bilbo	Denmark	119(6)	117(3)	130(3)	121(3)		129(3)	123(18)
Bodin	Norway		155(3)	177(2)	168(2)			165 (7)
Bottnia II	Sweden	173(6)	125(6)	164(5)	232(5)		285(3)	185(25)

Species Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations
Bounty	Canada	70(3)	71(3)	72(2)	117(3)		72(3)	81(14)
Castella	Netherlands	76(3)						76 (3)
Champ	Canada	109(3)	79(3)	75(2)	84(3)		71(3)	84(14)
Clair	United States	78(3)						78 (3)
Climax	Canada	100(12)	100(8)	100(5)	100(9)	100(4)	100(3)	100(41)
Engmo	Norway	185(6)	138(6)	180(5)	239(5)		264(3)	193(25)
Erecta	Belgium	124(3)	95(6)	104(5)	81(5)		125(3)	102(22)
Farol	Netherlands		76(3)	59(2)				69 (5)
Forus	Norway		115(3)	117(2)	106(2)			113 (7)
G	Hungary	156(2)	143(2)		150(2)	153(2)		151 (8)
Georgikon	Hungary		110(3)	147(2)	99(2)			117 (7)
Goliath	Netherlands	115(6)	105(6)	123(5)	112(5)		156(3)	119(25)
Grindstad	Norway		122(3)	88(2)	99(2)			106 (7)
Hokuo	Japan	94(3)	92(3)	60(2)	76(2)			83(10)
Hokusyu	Japan	115(7)	84(5)	190(3)	106(7)	92(4)	169(3)	118(29)
Itasca	Sweden	79(3)	75(3)	84(3)	100(3)		101(3)	88(15)
Korpa	Iceland	241(7)	153(8)	203(5)	249(9)	191(4)	270(3)	215(36)
Ludor	France	52(5)	50(3)	58(3)	58(5)	61(2)	56(3)	55(21)
Melora	Netherlands	113(5)	81(3)	105(3)	81(5)	88(2)	90(3)	94(21)
Mino	Denmark	91(6)	91(6)	77(5)	65(5)		117(3)	86(25)
Motim	Netherlands	89(3)	69(3)	94(2)	42(2)			75(10)
Motterwitzer	East Germany	121(3)						121 (3)
Nosappu	Japan	144(7)	113(5)	123(3)	135(7)	122(4)	117(3)	128(29)
Otto	Finland	164(3)	134(6)	198(5)	194(5)		203(3)	176(22)
Phlewiola	West Germany		86(3)	98(2)	104(2)			95 (7)
Polka	United Kingdom	113(6)	101(3)	121(3)	128(3)		90(3)	111(18)
Purlieu	United Kingdom	84(6)	96(3)	122(3)	87(3)		92(3)	94(18)
Ramona	Netherlands		47(6)	10(2)	30(1)			37 (9)
Rasant	West Germany	165(6)	140(6)	214(5)	161(5)		216(3)	174(25)
Richmond	Canada	100(3)	107(6)	108(5)	97(5)		105(3)	104(22)
Salvo	Canada	74(7)	68(3)	56(3)	62(5)	60(2)	60(3)	65(23)
Tammisto	Finland		126(3)	168(2)	157(2)			147 (7)
Tarmo	Finland		139(3)	167(2)	108(2)			138 (7)
Tiiti	Finland	195(3)	128(3)	247(3)	266(3)		222(3)	212(15)
Timfor	United States	92(3)	89(3)	96(2)	64(2)			86(10)
Topas Otofte	Denmark	126(6)	105(6)	76(4)	120(5)		127(3)	111(24)
Verdant	United States	109(6)	102(6)	116(5)	101(5)		120(3)	108(25)
Climax (Yield in kg/ha)		300(12)	285(8)	138(5)	218(9)	308(4)	119(3)	247(41)

Species Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermillion	Gimle	High Level	All Locations
Clover, Red ( <i>Trifolium pratense</i> L.) Yields shown as % of Altaswede								
Aberystwyth S.123	United Kingdom		27(2)	47(2)				37 (4)
Altaswede	Canada	100(8)	100(8)	100(6)	100(8)	100(2)		100(32)
Astra 4n	United Kingdom		35(2)	26(3)	33(3)			31 (8)
Bjorn	Sweden	76(5)	78(6)	70(6)	86(6)			78(23)
Deben 4n	United Kingdom	17(2)						17 (2)
Diper	France	29(2)						29 (2)
Fanny 4n	Sweden	59(2)	35(2)		100(2)			65 (6)
Florex	United States	67(4)	77(3)	20(2)	47(2)	77(2)		61(13)
Florie	United States	46(4)	60(3)	19(2)	32(2)	45(2)		43(13)
Fox	France	15(1)	0(1)		36(1)			17 (3)
Gollum	Denmark	92(4)	87(3)	28(2)	49(2)	82(2)		73(13)
Granta	United Kingdom	66(2)	29(4)	17(2)	0(2)			28(10)
Grasslands Pawera	New Zealand	32(3)	41(3)	4(1)	0(1)			28 (8)
Gumpensteiner	Austria	41(3)	22(5)	9(2)	4(2)			22(12)
Hamidori 4n	Japan		5(2)					5 (2)
Hedda 4n	Sweden	63(2)	39(2)		116(2)			73 (6)
Heges Hohenheimer	West Germany		0(1)		0(1)			0 (2)
Janbo 4n	West Germany	20(2)						20 (2)
Kenstar	United States	27(2)						27 (2)
Kora	Sweden	72(2)	70(2)		89(2)			77 (6)
Krano Pajbjerg	Denmark	126(3)	97(6)	55(5)	36(2)			82(16)
Kvarta	Czechoslovakia	28(2)						28 (2)
Lossam 4n	France	22(2)	12(2)	3(2)	0(1)			11 (7)
Marcom	France		3(2)		0(1)			2 (3)
Marino	East Germany	51(4)	36(3)	17(2)	41(2)	44(2)		40(13)
Matri 4n	East Germany	34(2)	3(2)		93(2)			43 (6)
Molly 4n	Sweden	28(2)	11(2)		75(2)			38 (6)
Mont-Calme	Switzerland	46(3)	22(5)	9(2)	14(2)			25(12)
Napoca 4n	Romania	30(2)	0(1)		65(1)			31 (4)
Norlac	Canada	102(7)	105(8)	88(6)	120(8)			101(29)
Norseman 4n	United Kingdom		0(1)		0(1)			0 (2)
Pacific	Canada	80(2)	33(3)	0(1)	3(2)			33 (8)
Palna	Denmark	102(4)	82(3)	23(2)	25(2)	87(2)		71(13)
Patavium	Italy	51(2)	38(2)	1(2)	0(1)			26 (7)
Perenta 4n	East Germany	30(3)	16(6)	13(2)	18(3)			19(14)
Quin	United Kingdom	29(2)						29 (2)

Species	Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations
	Quinequeli	Chile	43(2)	51(2)	0(1)	0(1)			31 (6)
	Red Head 4n	West Germany		0(1)					0 (1)
	Redman	United States	42(2)						42 (2)
	Renova	Switzerland	15(2)	0(1)		36(1)			13 (4)
	Sally 4n	Sweden	40(2)	62(6)	26(6)	44(3)			44(17)
	Sara 4n	Sweden	40(4)	86(3)	27(3)	49(3)	50(2)		50(15)
	Start	Czechoslovakia	41(2)						41 (2)
	Temara 4n	Switzerland	13(2)	16(3)	4(2)	0(1)			10 (8)
	Tripo 4n	Norway		54(3)	56(3)				55 (6)
	Triton 4n	Sweden	47(2)						47 (2)
	Altaswede (Yield in kg/ha)		326(8)	337(8)	214(6)	622(8)	324(2)		382(32)