

Cultivar	Origin	Height (cm)	Seed Yield									Herbage Yield					
			Hardiness			Yield kg/ha			% of Altaswede			(DM)	t/ha		% of Altaswede		
			1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
Hamidor1	Japan	(1)	2	-	-	66	0	-	9	0	-	1.43	0	-	23	0	-
Perenta	Rumania		3	4	0	150	76	0	21	14	0	2.66	0.33	0	42	28	0
Rea	Sweden		3	-	-	396	0	-	56	0	-	3.67	0	-	59	0	-
Red Head	Germany		0	-	-	0	-	-	0	-	-	1.42	-	-	23	-	-
Sally	Sweden		6	5	7	342	178	75	48	34	51	4.09	0.34	0.93	65	30	48
Temara	Switzerland		1	-	-	0	-	-	0	-	-	1.24	-	-	20	-	-
Tripo	Norway		7	6	7	450	241	60	63	46	41	4.50	0.42	1.22	72	37	63
Ulva	Sweden		5	4	0	374	61	0	52	12	0	4.97	0.14	0	79	12	0
Mean						331	156	83				3.09	0.35	0.77			
L.S.D. (P = .05)						134.07	120.79	51.50				1.33	0.32	0.33			

(1) Height not measured

Cultivar	Origin	Height (cm)	Hardiness		Seed Yield				Herbage Yield			
			1980	1981	kg/ha		% of Altaswede		(DM)		% of Altaswede	
					1980	1981	1980	1981	1980	1981	1980	1981
Altaswede*	Canada	(1)	8	8	677	300	100	100	5.40	3.36	100	100
Bjorn	Sweden		8	8	487	271	72	90	4.95	2.30	92	68
Florex	U.S.A.		8	7	476	318	70	106	5.35	2.49	99	74
Florie	U.S.A.		7	6	398	196	59	65	4.77	1.56	88	46
Gollum	Denmark		8	7	572	286	84	95	5.48	1.69	101	50
Granta	United Kingdom		8	0	404	0	60	0	4.41	0	82	0
Grasslands Pawera	New Zealand		6	3	278	154	41	51	5.23	0.86	97	26
Gumpensteiner	Austria		6	4	319	114	47	38	4.37	0.58	91	17
Krano	Denmark		8	7	705	364	104	121	4.13	1.46	76	43
Lossam 4N	France		7	0	122	0	18	0	5.09	0	94	0
Marino	East Germany		8	4	248	145	37	48	5.39	1.34	100	40
Merkur	Sweden		8	7	776	348	115	116	6.83	2.52	126	75
Mont-Calme	Switzerland		8	3	319	55	47	18	4.51	0.16	84	5
Norlac	Canada		8	8	933	371	138	124	5.52	3.02	102	90
Pacific	Canada		5	0	560	0	83	0	2.74	0	51	0
Palna	Denmark		6	6	699	141	103	47	5.92	2.30	110	68
Patavium	Italy		4	0	375	0	55	0	2.21	0	41	0
Perenta 4N	Rumania		6	3	151	15	22	5	4.32	0.37	80	11
Quinequeli	Chile		4	0	494	0	73	0	2.56	0	47	0
Rea 4N	Sweden		8	5	492	369	73	123	8.09	1.88	150	56
Sally 4N	Sweden		8	7	541	387	80	129	7.00	3.06	130	91
Sara 4N	Sweden		8	6	486	430	72	143	7.09	2.76	131	82
Taplanszentkeresztfi	Hungary		7	0	467	252	69	84	3.91	0	72	0
Temara 4N	Switzerland		5	0	151	0	22	0	5.43	0	101	0
Tristan	U.S.A.		8	6	400	0	59	0	5.63	1.29	104	38
Venla	Finland		7	7	678	174	100	58	5.31	2.06	98	61
Mean					470	180			5.06	1.35		
L.S.D. (P = .05)					114.91	104.16			1.09	0.69		

(1) Height not measured.

RED CLOVER

Test Site: Falher (Beaupre Farm)
Seeding Year: 1978

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Cultivar	Origin	Height (cm)	Seed Yield									Herbage Yield					
			Hardiness			Yield kg/ha			% of Atlaswede			(DM) t/ha			% of Atlaswede		
			1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
Atlaswede*	Canada	(1)	9	7	7	377	418	467	100	100	100	5.08	2.77	5.21	100	100	100
Arlington	U.S.A.		9	4	3	371	185	128	98	44	27	2.43	0.77	0.41	48	28	8
Astra	United Kingdom		9	3	2	202	74	48	54	18	10	4.10	0.51	0.35	81	18	7
Bjorn	Sweden		9	6	6	398	303	263	106	72	56	4.53	1.16	2.71	89	42	52
Elbo	Denmark		9	4	3	474	218	165	126	52	35	3.08	0.86	1.02	61	31	20
Krano	Denmark		9	5	3	362	317	196	96	76	42	3.73	1.36	2.08	73	49	40
Merkur	Sweden		9	6	4	329	272	208	129	65	45	5.33	1.68	1.60	105	61	31
Nava Trifolium	Denmark		9	3	1	526	114	0	140	27	0	2.99	0.53	0	59	19	0
Norlac	Canada		9	7	7	318	435	369	84	104	79	5.28	3.57	3.48	104	129	67
Olvi Otofte	Denmark		9	2	1	337	139	0	89	33	0	3.16	0.15	0	62	5	0
S 123	United Kingdom		9	0	-	374	0	-	99	0	-	2.14	0	-	42	0	-
Venla	Finland		9	4	4	365	227	188	97	54	40	4.31	0.87	2.00	85	31	38

RED CLOVER - TETRAPLOID

Rea	Sweden		9	2	-	324	17	-	86	4	-	3.87	0	-	76	0	-
Sally	Sweden		9	4	5	202	103	66	54	25	14	4.32	0.96	1.68	85	35	32
Tripo	Norway		9	5	7	183	255	263	49	61	56	4.55	1.56	1.83	90	56	35
Ulva	Sweden		9	6	4	147	116	108	39	28	23	4.60	1.60	1.23	91	58	24
Mean						331	198	177				3.97	1.08	1.69			
L.S.D. (P = .05)						126.78	141.37	160.34				1.51	0.88	1.51			

(1) Height not measured

Cultivar	Origin	Height (cm)	Hardiness		Seed Yield				Herbage Yield			
					Kg/ha		% of Atlaswede		(DM)	t/ha	% of Atlaswede	
					1980	1981	1980	1981	1980	1981	1980	1981
Atlaswede*	Canada	(1)	8	8	509	504	100	100	1.98	4.08	100	100
Bjorn	Sweden		8	7	309	320	61	63	1.92	2.09	97	51
Flores	U.S.A.		5	2	203	0	40	0	0.78	0	39	0
Florie	U.S.A.		5	2	188	0	37	0	0.54	0	27	0
Gollum	Denmark		7	3	280	0	55	0	0.70	0.79	35	19
Granta	United Kingdom		5	1	174	0	34	0	0.28	0	14	0
Grasslands Pwera	New Zealand		2	-	22	-	4	-	0.14	-	7	-
Gumpensteiner	Austria		3	1	89	0	17	0	0.22	0	11	0
Krano	Denmark		5	2	222	150	44	30	0.89	0	45	0
Lossam 4N	France		3	1	26	0	5	0	0.07	-	4	-
Marino	East Germany		4	1	177	0	35	0	0.30	0	15	0
Merkur	Sweden		7	6	224	200	44	40	1.10	2.07	56	51
Mont-Calme	Switzerland		3	1	93	0	18	0	0.26	0	13	0
Norlac	Canada		8	7	400	469	79	93	1.87	3.15	94	77
Pacific	Canada		2	-	0	-	0	-	0	-	0	-
Palna	Denmark		5	2	235	0	46	0	0.76	0	38	0
Patavium	Italy		2	1	14	0	3	0	0.03	-	2	-
Perenta 4N	Rumania		4	2	130	0	26	0	0.39	0	20	0
Quinequeli	Chile		2	-	0	-	0	-	0.06	-	3	-
Rea 4N	Sweden		4	4	121	34	24	7	0.47	0.36	24	9
Sally 4N	Sweden		7	6	98	130	19	26	0.91	2.68	46	66
Sara 4N	Sweden		6	5	116	154	23	31	0.63	2.09	32	51
Taplanszentkeresztli	Hungary		3	-	44	-	9	-	0.21	-	11	-
Temara 4N	Switzerland		4	1	44	0	9	0	0.25	0	13	0
Tristan	U.S.A.		7	1	187	0	37	0	0.61	0	31	0
Venla	Finland		7	4	325	190	64	38	1.13	1.41	57	35
Mean					163	86			0.64	0.94		
L.S.D. (P = .05)					100.46	107.11			0.47	0.85		

(1) Height not measured