

RED CLOVER

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

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Cultivar	Origin	Hardiness	Height (cm)	Date 1979	Ripe 1980	Seed Yield				Herbage Yield					
						Kg/ha		% of Altaswede		(DM)		t/ha		% of Altaswede	
						1979	1980	1979	1980	1979	1980	1979	1980		
Altaswede*	Canada	8	(1)	Sept. 25	Oct. 8	377	418	100	100	(f)	2.77	(1)	100		
Arlington	USA	6		Sept. 25	Oct. 8	371	185	98	44		0.77		28		
Astra	U.K.	6		Sept. 25	Oct. 8	202	74	54	18		0.51		18		
Bjorn	Sweden	7		Sept. 25	Oct. 8	398	303	106	72		1.16		42		
Elbo	Denmark	7		Sept. 25	Oct. 8	474	218	126	52		0.86		31		
Kranp	Denmark	7		Sept. 25	Oct. 8	362	317	96	76		1.36		49		
Kuhn	Netherlands	4		Sept. 25	Oct. 8	487	0	129	0		0		0		
Merkur	Sweden	7		Sept. 25	Oct. 8	329	272	87	65		1.68		61		
Nava Trifolium	Denmark	7		Sept. 25	Oct. 8	526	114	140	27		0.53		19		
Norlac	Canada	8		Sept. 25	Oct. 8	318	435	84	104		3.57		129		
Olvi Otofte	Denmark	6		Sept. 25	Oct. 8	337	139	89	33		0.15		5		
S.123	U.K.	4		Sept. 25	Oct. 8	374	0	99	0		0		0		
Venla	Finland	7		Sept. 25	Oct. 8	365	227	97	54		0.87		31		

RED CLOVER - TETRAPLOID

Rea	Sweden	8	(1)	Sept. 25	Oct. 8	324	17	86	4	(1)	0	(1)	0
Sally	Sweden	7		Sept. 25	Oct. 8	202	103	54	25		0.96		35
Tripo	Norway	7		Sept. 25	Oct. 8	183	255	49	61		1.56		56
Ulva	Sweden	8		Sept. 25	Oct. 8	147	116	39	28		1.60		58
Mean						340	198				1.08		
L.S.D. (P = .05)						74.71	79.33				0.52		

(1) Herbage not measured

Cultivar	Origin	Hardiness	Height (cm)	Date 1979	Ripe 1980	Seed Yield				Herbage Yield			
						Kg/ha 1979	1980	% of Altaswede 1979	1980	(DM) 1979	t/ha 1980	% of Altaswede 1979	1980
Altaswede*	Canada	8	78	Sept. 12	Sept. 30	878	829	100	100	(1)	(1)	(1)	(1)
Arlington	USA	4	62	Sept. 12	Sept. 30	310	107	35	13				
Astra	U.K.	4	68	Sept. 12	Sept. 30	615	129	70	16				
Bjorn	Sweden	8	72	Sept. 12	Sept. 30	553	1116	63	135				
Elbo	Denmark	5	72	Sept. 12	Sept. 30	812	182	92	22				
Granta	U.K.	1		Sept. 12	Sept. 30	0	-	0	-				
Gumpensteiner	Austria	0		Sept. 12	Sept. 30	0	-	0	-				
Heges Hohenheimer	Germany	1		Sept. 12	Sept. 30	0	-	0	-				
Kuhn	Netherlands	2		Sept. 12	Sept. 30	186	-	21	-				
Marcom	France	0		Sept. 12	Sept. 30	0	-	0	-				
Maris Gemini	U.K.	1		Sept. 12	Sept. 30	0	-	0	-				
Merkur	Sweden	7	73	Sept. 12	Sept. 30	1071	617	122	74				
Nava Trifolium	Denmark	5	66	Sept. 12	Sept. 30	1133	54	129	7				
Norlac	Canada	8	71	Sept. 12	Sept. 30	1043	1155	119	139				
Norseman	U.K.	0		Sept. 12	Sept. 30	0	-	0	-				
Olvi Otäfte	Denmark	4	65	Sept. 12	Sept. 30	837	172	95	21				
Pacific	Canada	0		Sept. 12	Sept. 30	0	-	0	-				
Tapianszentkeresztfi	Hungary	1		Sept. 12	Sept. 30	0	-	0	-				
Mean						391	484						
L.S.D. (P = .05)						201.90	160.77						

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Herbage Yield: 1980 Harvest
Seeding Year: 1979

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Cultivar	Origin	Beaverlodge Research Station				Beaverlodge Foster's Farm				Father Beaupre Farm				Ft. Vermilion Experimental Farm			
		Hardi- ness	Ht. (cm)	(DM) t/ha	% of Atlaswede	Hardi- ness	Ht. (cm)	(DM) t/ha	% of Atlaswede	Hardi- ness	Ht. (cm)	(DM) t/ha	% of Atlaswede	Hardi- ness	Ht. (cm)	(DM) t/ha	% of Atlaswede
Atlaswede*	Canada	9	54	4.21	100	8	(1)	5.40	100	8	(1)	1.98	100	8	54	4.83	100
Ujorn	Sweden	9	58	5.07	121	8		4.95	92	8		1.92	97	8	58	4.87	101
Florex	USA	8	49	4.53	107	8		5.35	99	5		0.78	39	7	49	3.63	75
Florie	USA	7	50	5.37	81	7		4.77	88	5		0.54	27	4	49	2.16	45
Gollum	Denmark	8	58	4.53	102	8		5.48	101	7		0.70	35	5	50	3.51	73
Granta	U.K.	8	56	3.43	81	8		4.41	82	5		0.28	14	1	-	0	0
Grasslands:																	
Pawera	New Zealand	8	50	4.28	102	6		5.23	97	2		0.14	7	1	-	0	0
Gumpensteiner	Austria	8	50	2.99	69	6		4.37	91	3		0.22	11	1	40	0.32	7
Krono	Denmark	9	56	4.33	102	8		4.15	76	5		0.89	45	4	53	2.40	50
Lossam	France	8	55	3.28	79	7		5.09	94	3		0.07	4	1	-	0	0
Marino	East Germany	8	54	2.99	69	8		5.39	100	4		0.30	15	6	54	3.09	64
Merkur	Sweden	9	61	4.65	110	8		6.83	126	7		1.10	56	6	54	3.31	69
Monte-Calmo	Switzerland	7	51	2.75	67	8		4.51	84	3		0.26	13	3	45	0.74	15
Norloc	Canada	9	55	4.78	112	8		5.52	102	8		1.87	94	8	50	4.88	101
Pacific	Canada	7	49	2.91	69	5		2.74	51	2		0	0	1	-	0	0
Paina	Denmark	9	59	5.14	121	6		5.92	110	5		0.76	38	8	52	1.28	27
Patavium	Italy	4	45	1.70	41	4		2.21	41	2		0.03	2	0	-	0	0
Perenta 4N	Rumania	8	59	2.72	64	6		4.32	80	4		0.39	20	4	57	1.57	33
Quinequeli	Chile	4	43	1.53	36	4		2.56	47	2		0.06	3	1	-	0	0
Rea 4N	Sweden	9	51	1.83	43	8		8.09	150	4		0.47	24	4	58	1.90	39
Sally 4N	Sweden	8	50	1.50	36	7		7.00	130	7		0.91	46	7	54	3.79	78
Sara 4N	Sweden	7	48	1.51	36	5		7.09	131	6		0.63	32	7	55	4.46	92
Tapianszen-																	
Tkeresztli	Hungary	8	44	2.86	69	8		3.91	72	3		0.21	11	1	-	0	3
Tomara 4N	Switzerland	9	49	0.98	24	8		5.43	101	4		0.25	13	2	55	0	0
Tristan	USA	9	49	3.50	83	8		5.63	104	7		0.61	31	6	54	2.77	57
Ventia	Finland	9	55	4.45	107	7		5.31	98	7		1.13	57	7	58	4.38	91
Mean				3.29				5.06				0.64				2.07	
L.S.D. (P = .05)				0.71				0.65				0.28				0.61	

(1) Height not measured

Cultivar	Origin	Beaverlodge Research Station			Beaverlodge Foster's Farm			Folher Beaupre Farm			Ft. Vermilion Experimental Farm		
		Hardi- ness	Yield Kg/ha	% of Altaswede	Hardi- ness	Yield Kg/ha	% of Altaswede	Hardi- ness	Yield Kg/ha	% of Altaswede	Hardi- ness	Yield Kg/ha	% of Altaswede
Altaswede*	Canada	9	573	100	8	677	100	8	509	100	8	1475	100
Bjorn	Sweden	9	442	77	8	487	72	8	309	61	8	1354	92
Florex	USA	8	529	92	8	476	70	5	203	40	6	987	67
Florie	USA	7	577	66	7	398	59	5	188	37	4	662	45
Gollum	Denmark	8	557	94	8	572	84	7	280	55	6	1014	69
Granta	U.K.	8	447	78	8	404	60	5	174	34	1	0	0
Grasslands	New Zealand	8	169	29	6	278	41	2	22	4	1	0	0
Gumpensteiner	Austria	8	307	54	6	319	47	3	89	17	1	103	7
Krand	Denmark	9	679	118	8	705	104	5	222	44	5	759	51
Lossam	France	8	161	28	7	122	18	3	26	5	1	0	0
Marino	East Germany	8	381	66	8	248	37	4	177	35	6	866	59
Merkur	Sweden	9	437	76	8	776	115	7	224	44	7	1272	86
Mont-Galme	Switzerland	7	360	63	8	319	47	3	93	18	2	301	20
Norlac	Canada	9	645	113	8	933	138	8	400	79	8	1369	93
Pacific	Canada	7	594	104	5	560	83	2	0	0	1	59	4
Palna	Denmark	9	594	104	6	699	103	5	235	46	4	515	35
Patavium	Italy	4	378	66	4	375	55	2	14	3	1	0	0
Perenta 4N	Romania	8	218	38	6	151	22	4	130	26	5	295	20
Quinequell	Chile	4	317	55	4	494	73	2	0	0	1	0	0
Rea 4N	Sweden	9	285	50	8	492	73	4	121	24	5	414	28
Sally 4N	Sweden	7	247	43	8	541	80	7	98	19	6	627	43
Sara 4N	Sweden	8	278	49	8	486	72	6	116	23	6	790	54
Taplanszen-													
Tkeresztli	Hungary	9	492	86	7	467	69	3	44	9	1	32	2
Temara 4N	Switzerland	9	93	16	5	151	22	4	44	9	2	0	0
Tristan	USA	8	494	86	8	400	59	7	187	37	7	853	58
Venla	Finland	9	479	84	7	678	100	7	325	64	7	1306	91
Mean			404			470			163			579	
L.S.D. (P = .05)			76.34			68.77			60.12			166.12	
Date Ripe:			September 29			September 25			October 8			September 30	