

Red Clover

Test Site: Fort Vermilion Experimental Farm
Seeding Year: 1984

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe	Seed Yield	
					kg/ha	% of Altaswede
Altaswede*	Canada	8.8	51	Sep 9	350	100
Fanny 4n	Sweden	9.0	54	Sep 9	372	106
Fox	France	3.0	64	Sep 9	126	36
Hedda 4n	Sweden	9.0	64	Sep 9	333	95
Kora	Sweden	8.8	64	Sep 9	536	153
Matri 4n	East Germany	8.5	56	Sep 9	229	65
Molly 4n	Sweden	8.3	59	Sep 9	385	110
Napoca 4n	Romania	8.5	61	Sep 9	226	65
Norlac	Canada	8.8	50	Sep 9	491	140
Renova	Switzerland	7.8	55	Sep 9	125	36
Mean					317	
L.S.D. (P = .05)					125	

Summary of Red Clover Seed Yields
1984 Seeding Year
(Yields are shown as % of Altaswede)

Cultivar	Origin	B'lodge A	B'lodge B	Falher	Fort Vermilion	Gimle	High Level	All Locations (Average)
Altaswede*	Canada	100	100	(a)	100	(b)	(a)	100
Fanny 4n	Sweden	64	40		106			70
Fox	France	15	0		36			17
Hedda 4n	Sweden	58	43		95			65
Kora	Sweden	70	70		153			98
Matri 4n	East Germany	30	2		65			32
Molly 4n	Sweden	30	10		110			50
Napoca 4n	Romania	35	0		65			33
Norlac	Canada	85	104		140			110
Renova	Switzerland	25	0		36			20
Altaswede Yield in kg/ha		580	305		350			412

(a) Not seeded

(b) Complete winterkill

Red Clover

Test Site: Beaverlodge Research Station
Seeding Year: 1984

Cultivar	Origin	1st Herbage Yield			2nd Herbage Yield		
		Day Cut	(DM) t/ha	% of Altaswede	Day Cut	(DM) t/ha	% of Altaswede
Altaswede*	Canada	Jun 26	2.20	100	Sep 12	2.49	100
Fanny 4n	Sweden	Jun 26	1.13	51	Sep 12	3.14	126
Fox	France	Jun 26	0.03	1	Sep 12	0.43	17
Hedda 4n	Sweden	Jun 26	1.03	47	Sep 12	2.79	112
Kora	Sweden	Jun 26	0.82	37	Sep 12	3.09	124
Matri 4n	East Germany	Jun 26	0.79	36	Sep 12	3.06	123
Molly 4n	Sweden	Jun 26	0.58	26	Sep 12	3.31	133
Napoca 4n	Romania	Jun 26	0.37	17	Sep 12	2.85	114
Norlac	Canada	Jun 26	0.70	32	Sep 12	2.01	81
Renova	Switzerland	Jun 26	0.08	4	Sep 12	1.07	43
Mean			0.77			2.42	
L.S.D. (P = .05)			1.04			1.17	

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

Altaswede*	Canada	Jul 2	0.46	100	Sep 24	1.37	100
Fanny 4n	Sweden	Jul 2	0.43	93	Sep 24	0.97	71
Fox	France	-	0	0	-	0	0
Hedda 4n	Sweden	Jul 2	0.58	126	Sep 24	1.07	78
Kora	Sweden	Jul 2	0.82	178	Sep 24	1.20	88
Matri 4n	East Germany	Jul 2	0.06	13	Sep 24	0.15	11
Molly 4n	Sweden	Jul 2	0.26	57	Sep 24	0.65	47
Napoca 4n	Romania	-	0	0	-	0	0
Norlac	Canada	Jul 2	0.80	174	Sep 24	0.85	62
Renova	Switzerland	-	0	0	-	0	0
Mean			0.34			0.90	
L.S.D. (P = .05)			0.36			0.64	

Red Clover

Test Site: Fort Vermilion Experimental Farm
Seeding Year: 1984

Cultivar	Origin	1st Herbage Yield			2nd Herbage Yield		
		Day Cut	(DM) t/ha	% of Altaswede	Day Cut	(DM) t/ha	% of Altaswede
Altaswede*	Canada	Jun 24	3.92	100	Sep 9	2.39	100
Fanny 4n	Sweden	Jun 24	3.21	82	Sep 9	2.75	115
Fox	France	Jun 24	0.35	9	Sep 9	1.44	60
Hedda 4n	Sweden	Jun 24	5.21	133	Sep 9	2.91	122
Kora	Sweden	Jun 24	2.34	60	Sep 9	2.29	96
Matri 4n	East Germany	Jun 24	2.98	76	Sep 9	2.26	95
Molly 4n	Sweden	Jun 24	2.76	70	Sep 9	2.67	112
Napoca 4n	Romania	Jun 24	2.38	61	Sep 9	3.00	126
Norlac	Canada	Jun 24	4.15	106	Sep 9	2.00	84
Renova	Switzerland	Jun 24	1.10	28	Sep 9	2.46	103
Mean			2.84			2.42	
L.S.D. (P = .05)			0.93			0.95	

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

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
Altaswede*	Canada	100	100	100	100	(a)		100	100	(b)		(a)		100	100
Fanny 4n	Sweden	51	126	93	71			82	115					75	104
Fox	France	1	17	0	0			9	60					3	26
Hedda 4n	Sweden	47	112	126	78			133	122					102	104
Kora	Sweden	37	124	178	88			60	96					92	103
Matri 4n	East Germany	36	123	13	11			76	95					42	76
Molly 4n	Sweden	26	133	57	47			70	112					51	97
Napoca 4n	Romania	17	114	0	0			61	126					26	80
Norlac	Canada	32	81	174	62			106	84					104	76
Renova	Switzerland	4	43	0	0			28	103					11	49
Altaswede Yield in (DM) t/ha		2.20	2.49	0.46	1.37			3.92	2.39					2.19	2.08

(a) Not seeded

(b) Complete winterkill