

## BROMEGRASS

Test Site: Ft. Vermilion Experimental Farm  
Seeding Year: 1978

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Cultivar	Origin	Hardiness	Height (cm)	Date 1979	Ripe 1980	Seed Yield				Herbage Yield			
						Kg/ha		% of Carlton		(DM)	t/ha	% of Carlton	
						1979	1980	1979	1980	1979	1980	1979	1980
Barton	USA	9	105	July 30	July 30	243	143	75	49	(1)	2.77		88
Carlton*	Canada	9	108	July 30	July 30	323	291	100	100		3.24		100
Lyon	USA	9	96	July 30	July 30	187	155	57	53		2.84		88
Magna	Canada	9	110	July 30	July 30	361	384	111	130		3.46		109
Mandan 404	USA	9	104	July 30	July 30	165	289	51	99		2.83		88
Regar	USA	9	103	July 30	July 10	306	36	94	12		2.55		81
Tempo	Canada	9	104	July 30	July 30	286	238	88	82		3.29		103
S-7695	Canada	9	105	July 30	July 30	544	485	168	167		3.63		113
S-7855	Canada	9	108	July 30	July 30	214	356	66	122		3.30		103
S-8778	Canada	9	113	July 30	July 30	284	482	150	166		3.51		109
S-8792	Canada	9	111	July 30	July 30	645	611	200	210		4.16		131
Mean						342	315				3.24		
L.S.D. (P = .05)						65.89	108.83				0.45		

(1) Herbage not measured

Cultivar	Origin	Hardiness	Beaverlodge Research Station			Beaverlodge Foster's Farm			Father Beaupre Farm			Ft. Vermilion Experimental Farm			High Level Fedeyko Farm		
			Ht cm	Yield t/ha	% of Carlton	Ht cm	Yield t/ha	% of Carlton	Ht cm	Yield t/ha	% of Carlton	Ht cm	Yield t/ha	% of Carlton	Ht cm	Yield t/ha	% of Carlton
Baylor	USA	9	98	3.80	79	76	3.85	67	75	3.69	77	111	9.17	89	86	3.22	71
Blair	USA	9	99	3.51	73	77	3.77	65	74	2.90	60	111	7.88	77	80	2.52	56
Carlton*	Canada	9	104	4.79	100	77	5.77	100	77	4.82	100	114	10.28	100	88	4.54	100
Jubilee	Canada	9	98	4.36	91	74	4.22	73	70	3.49	72	105	8.68	84	81	3.92	86
Kesto	Finland	9	105	4.60	96	77	5.01	87	74	4.15	86	106	9.13	89	88	4.40	97
Magne	Canada	9	109	4.98	104	79	5.75	100	74	4.49	93	111	10.15	99	85	4.52	100
Mandan 404	USA	9	95	4.66	97	70	4.50	78	62	3.08	64	105	8.10	79	79	3.05	67
Orfeu	Rumania	9	101	4.54	95	71	5.56	96	74	4.77	99	108	9.57	93	88	5.07	112
Redpatch	Canada	9	92	3.40	71	74	2.95	51	70	2.74	57	111	7.48	73	79	1.56	34
Regar	USA	9	96	3.72	78	86	3.78	66	102	3.00	62	110	6.78	66	86	3.37	74
S-8800	Canada	9	108	5.78	121	81	6.61	115	82	5.16	107	119	10.58	103	90	5.15	113
Svaja	Sweden	9	101	5.96	124	76	5.32	92	71	4.23	88	110	10.05	98	81	3.86	85
Tempo	Canada	9	99	3.83	80	70	3.71	64	64	2.73	57	109	8.20	80	81	3.31	73
WVF72	Sweden	9	99	5.24	109	70	5.13	89	70	4.50	93	105	8.99	87	80	4.98	110
Mean				4.51			4.71			3.84			8.93			3.82	
L.S.D. (P = .05)				0.56			0.44			0.35			1.05			0.50	
TIMOTHY TURF																	
											% of Evergreen			% of Evergreen			% of Evergreen
Baret	Netherlands	9	41	2.08	73	45	1.58	75	(1)	0.88	53	55	4.46	46			(2)
Evergreen*	Sweden	9	48	2.83	100	50	2.12	100		1.66	100	88	9.68	100			
Piccolo	Netherlands	9	51	2.49	88	40	1.86	88		0.77	46	49	3.60	37			
Rall	Germany	9	50	3.15	111	50	1.99	94		1.11	67	53	5.95	127			
Rusadan	Denmark	9	46	3.64	129	45	1.17	55		0.36	22	45	4.19	43			
Mean				2.84			1.75			0.96			5.58				
L.S.D.				0.37			0.16			0.13			0.96				

(1) Father height not measured

(2) Turf Timothy not seeded at High Level

## BROMEGRASS

Seed Yield: 1980 Harvest  
Seeding Year: 1979

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Cultivar	Origin	Hardiness	Beaverlodge Research Station			Beaverlodge Foster's Farm			Falher Beaupre Farm			Ft. Vermilion Experimental Farm			High Level Fedeyko Farm				
			Date	Yield	% of	Date	Yield	% of	Date	Yield	% of	Date	Yield	% of	Date	Yield	% of		
			Ripe	Kg/ha	Carlton	Ripe	Kg/ha	Carlton	Ripe	Kg/ha	Carlton	Ripe	Kg/ha	Carlton	Ripe	Kg/ha	Carlton	Ripe	Yield
Baylor	USA	9	Aug. 12	732	56	Aug. 2	592	40	Aug. 1	919	66	July 30	627	58	July 28	382	44		
Blair	USA	9	Aug. 12	334	26	July 29	492	33	Aug. 1	475	34	July 30	482	45	July 28	257	30		
Carlton	Canada	9	Aug. 12	1299	100	Aug. 2	1478	100	Aug. 1	1397	100	July 30	1077	100	July 28	868	100		
Jubilee	Canada	9	Aug. 12	721	56	Aug. 1	720	49	Aug. 1	625	45	July 30	488	45	July 28	406	47		
Kesto	Finland	9	Aug. 12	884	68	Aug. 2	1024	69	Aug. 1	1050	75	July 30	728	68	July 28	663	76		
Magna	Canada	9	Aug. 12	1112	86	Aug. 2	1183	80	Aug. 1	1179	84	July 30	962	89	July 28	730	84		
Mandan 404	USA	9	Aug. 12	875	67	Aug. 2	906	61	Aug. 1	603	43	July 30	551	52	July 28	415	48		
Orfeu	Rumania	9	Aug. 12	1126	87	July 29	1369	93	Aug. 1	1274	91	July 30	819	76	July 28	942	109		
Redpatch	Canada	9	Aug. 12	309	24	Aug. 2	345	23	Aug. 1	362	26	July 30	634	59	July 28	166	19		
Regar	USA	9	Aug. 12	479	37	July 28	619	42	July 23	457	33	July 10	206	19	July 10	331	38		
S-8800	Canada	9	Aug. 12	1388	107	July 28	1754	119	July 28	1513	108	July 30	1146	106	July 28	824	95		
Svoja	Sweden	9	Aug. 12	1161	89	Aug. 2	1156	78	Aug. 1	959	69	July 30	780	72	July 28	547	63		
Tempo	Canada	9	Aug. 12	654	50	Aug. 2	782	53	Aug. 1	498	36	July 30	499	46	July 28	352	41		
WVF 72	Sweden	9	Aug. 12	1098	85	Aug. 2	1053	71	Aug. 1	999	72	July 30	652	61	July 28	792	91		
Mean				869			963			880			689			549			
L.S.D. (P = .05)				69.90			48.43			39.09			63.29			39.40			

## TIMOTHY TURF

Cultivar	Origin	Hardiness	Date	Yield	% of		Date	Yield	% of		Date	Yield	% of		Date	Yield	% of	
					Evergreen	Carlton			Evergreen	Carlton			Evergreen	Carlton			Evergreen	Carlton
Baret	Netherlands	9	Aug. 26	167	66	Aug. 11	370	95	Aug. 12	181	62	Aug. 19	66	31	(1)			
Evergreen*	Sweden	9	Aug. 26	252	100	Aug. 11	389	100	Aug. 12	291	100	Aug. 19	216	100				
Piccolo	Netherlands	9	Aug. 26	173	69	Aug. 11	430	111	Aug. 12	146	50	Aug. 19	32	15				
Rali	Germany	9	Aug. 26	204	81	Aug. 11	418	107	Aug. 12	235	81	Aug. 19	128	59				
Rusadan	Denmark	9	Aug. 26	94	37	Aug. 11	236	61	Aug. 12	87	30	Aug. 19	22	10				
Mean				178			369			188			93					
L.S.D.				46.38			44.22			19.92			37.59					

(1) Turf Timothy not seeded at High Level