

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
				1980	1981	Kg/ha		% of Boreal		(DM) t/ha		% of Boreal	
						1980	1981	1980	1981	1980	1981	1980	1981
Ballade	France	9	55	July 9	July 15	75	33	18	15	4.02	2.97	74	64
Banner	U.S.A.	9	57	July 9	July 15	121	261	30	119	2.89	3.48	53	75
Bastide	France	9	44	July 9	July 15	26	22	6	10	2.53	2.58	47	56
Boreal*	Canada	9	67	July 9	July 15	410	219	100	100	5.44	4.61	100	100
Carlawn	Canada	9	65	July 9	July 15	525	199	128	91	5.56	4.24	102	92
Chomade	France	9	57	July 9	July 15	112	152	27	69	2.11	2.55	39	55
Corona	Netherlands	9	52	July 9	July 15	73	46	18	21	4.48	3.96	82	86
Ensylva	Netherlands	9	56	July 9	July 15	85	57	21	26	4.11	4.00	76	87
Envira	Netherlands	9	67	July 9	July 15	337	216	82	99	6.28	4.89	115	106
Enzet	Netherlands	9	68	July 9	July 15	395	266	96	121	5.72	6.08	105	132
Epaulette	United Kingdom	9	55	July 9	July 15	46	34	11	16	3.72	4.12	68	89
Fess	United Kingdom	9	56	(1)	July 15	61	52	15	24	3.09	2.75	57	60
Fortress	U.S.A.	9	64	July 9	July 15	147	117	36	53	4.90	4.93	90	107
Hackle	United Kingdom	9	57	(1)	July 15	0	48	0	22	1.88	2.88	35	62
Keszthelyi 2	Hungary	9	67	July 9	July 15	63	88	15	40	4.76	4.51	88	98
Leik	Norway	9	75	July 9	July 15	952	338	232	154	6.11	4.99	112	108
Maxim	Sweden	9	56	July 9	July 15	145	22	35	10	4.01	2.79	74	61
Milda	France	9	59	July 9	July 15	96	52	23	24	4.64	4.51	85	98
Moncorde	Netherlands	9	59	July 9	July 15	253	117	31	53	5.54	4.77	102	103
Oriflamme	United Kingdom	9	55	July 9	July 15	96	98	23	45	4.43	2.91	81	63
Patio	Netherlands	9	66	July 9	July 15	127	196	31	89	5.12	5.10	94	111
Pernille	Denmark	9	58	July 9	July 15	75	80	18	37	4.30	5.21	79	113
Pollux	Denmark	9	64	July 9	July 15	112	106	27	48	4.98	5.01	92	109
Rapid	Netherlands	9	65	July 9	July 15	389	175	95	80	5.78	4.43	106	96
Reptans	Sweden	9	67	July 9	July 15	299	175	73	80	5.71	5.18	105	112
Roland 21	Germany	9	68	July 9	July 15	143	173	35	79	5.71	5.82	105	126
Skot	Denmark	9	54	July 9	July 15	42	40	10	18	4.24	4.03	78	87
Zernickower	East Germany	9	69	July 9	July 15	229	243	56	111	5.88	5.15	108	112
Mean						194	129			4.57	4.23		
L.S.D. (P = .05)						92.86	58.69			1.00	1.01		

(1) Seed not harvested, yield estimated.

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
				1980	1981	Kg/ha		% of Boreal		(DM) t/ha		% of Boreal	
						1980	1981	1980	1981	1980	1981	1980	1981
Ballade	France	9	45	(1)	July 9	7	53	2	13	1.06	2.85	39	67
Banner	U.S.A.	9	43	July 11	July 9	36	125	9	32	0.61	1.89	23	44
Bastide	France	8	48	(1)	July 9	3	83	1	21	0.33	1.55	12	36
Boreal*	Canada	9	45	July 10	July 9	386	393	100	100	2.69	4.28	100	100
Carlawn	Canada	9	71	July 10	July 9	438	340	113	87	2.51	3.71	93	87
Chomade	France	9	44	July 10	July 9	44	81	11	21	0.51	1.50	19	35
Corona	Netherlands	9	51	July 10	July 9	59	138	15	35	1.13	3.64	42	85
Ensylva	Netherlands	9	46	July 10	July 9	159	166	41	42	1.60	2.99	59	70
Envira	Netherlands	9	60	July 10	July 9	418	467	108	119	2.62	4.24	97	99
Enzet	Netherlands	9	56	July 10	July 9	520	494	135	126	2.91	4.51	108	105
Epaulette	United Kingdom	9	46	July 10	July 9	21	64	5	16	1.65	4.30	61	100
Fess	United Kingdom	9	38	(1)	July 9	5	62	1	16	0.64	2.02	24	47
Fortress	U.S.A.	9	58	July 10	July 9	172	281	45	72	2.10	4.20	78	98
Hackle	United Kingdom	9	37	(1)	July 12	3	18	1	5	0.88	2.08	33	49
Keszthelyi 2	Hungary	9	60	July 10	July 9	104	231	27	59	2.22	4.38	83	102
Leik	Norway	9	64	July 10	July 9	460	486	119	124	2.84	5.30	106	124
Maxim	Sweden	9	51	July 10	July 10	152	199	39	51	1.10	2.81	41	66
Milda	France	9	52	July 10	July 9	135	173	35	44	2.06	3.05	77	71
Moncorde	Netherlands	9	49	July 10	July 9	153	219	40	56	1.71	3.94	64	92
Oriflamme	United Kingdom	9	55	June 24	June 29	92	327	24	83	1.31	2.54	49	59
Patio	Netherlands	9	55	July 10	July 9	202	355	52	90	1.89	4.07	70	95
Pernille	Denmark	9	52	July 10	July 9	171	252	44	64	2.17	4.23	81	99
Pollux	Denmark	9	54	July 10	July 9	291	201	75	51	3.36	4.78	125	112
Rapid	Netherlands	9	58	July 10	July 9	406	500	105	127	2.77	4.46	103	104
Reptans	Sweden	9	58	July 10	July 9	373	346	97	88	2.95	4.99	110	117
Roland 21	Germany	9	59	July 10	July 9	215	313	56	80	2.19	4.48	81	105
Skot	Denmark	9	48	July 10	July 9	90	83	23	21	1.53	3.45	57	81
Zernickower	East Germany	9	56	July 10	July 9	510	514	132	131	3.57	5.25	133	123
Mean						201	249			1.89	3.63		
L.S.D. (P = .05)						82.55	69.68			0.43	0.82		

(1) Seed not harvested, yield estimated.

Cultivar	Origin	Hardiness	Height (cm.)	Date Ripe 1981	Seed Yield		Herbage Yield	
					kg/ha	% of Kay	(DM) t/ha	% of Kay
Akimidori	Japan	3	-	-	0	0	0.33	16
Anita	Netherlands	1	-	-	0	0	0	0
Aonami	Japan	3	-	-	0	0	0.27	13
Cambria	United Kingdom	0	-	-	0	0	0	0
Crown	U.S.A.	5	-	-	0	0	0.37	17
Hallmark	U.S.A.	3	60	July 22	5.5	3	0.36	17
Hawk	U.S.A.	5	70	July 22	17.5	8	0.50	24
Ina	Canada	5	72	July 22	36.0	17	0.54	25
Juno	Canada	5	65	July 22	30.0	14	1.03	49
Kay *	Canada	9	80	July 22	211.0	100	2.12	100
MLM 14012	Canada	4	70	July 22	6.5	3	0.47	22
Napier	U.S.A.	6	62	July 22	43.0	20	0.51	24
Nika	Poland	8	70	July 22	39.0	18	0.83	39
Okamidori	Japan	7	77	July 22	86.5	41	1.51	71
OK-WH-19	Canada	8	80	July 22	265.0	126	1.45	68
OR-WH	Canada	8	75	July 22	113.0	54	1.17	55
Piano	Netherlands	1	-	-	0	0	0	0
Porto	Australia	0	-	-	0	0	0	0
Saborto	United Kingdom	0	-	-	0	0	0	0
Sumas	Canada	8	72	July 22	121.5	58	1.00	47
Mean					48.73		0.62	
L.S.D. (P = .05)					37.57		0.43	