

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe			Seed Yield Data						Herbage Yield Data					
				July			Yield kg/ha			% of Boreal			Yield (DM) t/ha			% of Boreal		
				1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
#60	Netherlands	9	43	24	31	(1)	40	195	8	9	69	44	0.78	1.90	1.12	50	80	70
Barbara	Netherlands	9	44	24	31	(1)	3.36	206	7	1	73	36	0.82	1.64	-	32	169	(2)
Bastide	France	9	41	24	31	(1)	6.72	68	9	1	24	47	0.72	1.61	-	29	68	(2)
Barante	Netherlands	9	38	24	31	(1)	4.48	121	13	1	43	68	1.16	1.50	-	45	63	(2)
Bergond	Denmark	9	50	24	31	25	112	174	12	24	61	64	1.75	1.99	1.23	68	84	77
Boreal*	Canada	9	56	24	31	25	461	283	19	100	100	100	2.58	2.37	1.59	100	100	100
Brasov	Rumania	9	48	24	31	25	76	212	9	16	75	47	1.86	2.78	1.39	72	117	87
Carlawn	Canada	9	49	24	31	25	338	198	15	73	70	79	2.28	1.93	1.48	88	81	93
Checker	USA	9	43	24	31	(1)	45	326	13	10	115	72	0.94	2.80	0.96	36	118	60
Engina	Netherlands	9	43	24	31	25	195	347	18	42	123	98	1.50	2.78	1.52	58	117	96
Ensylva	Netherlands	9	38	24	31	(1)	148	156	9	32	55	48	1.01	2.20	1.19	39	92	75
Envira	Netherlands	9	43	24	31	25	311	269	11	67	95	57	2.42	2.73	1.46	94	115	92
Enzet	Netherlands	9	50	24	31	25	368	394	19	80	139	105	2.84	3.18	1.44	110	134	90
Fortress	USA	9	53	24	31	25	125	248	11	27	88	62	1.86	2.44	1.48	72	103	93
Frida	Netherlands	9	36	24	31	(1)	45	77	5	10	27	29	0.74	1.23	1.03	29	52	65
Grampian	U.K.	9	35	24	31	(1)	49	59	7	11	14	36	1.41	1.30	1.12	55	55	70
Grelo	Denmark	9	36	24	31	25	63	73	7	14	26	36	1.41	1.75	1.28	55	74	81
Jade	Netherlands	9	36	24	31	(1)	38	217	9	8	77	48	0.96	2.22	1.06	37	93	66
Laverdure	France	9	42	24	31	25	58	160	10	13	57	56	1.68	2.11	1.59	65	89	100
Manoir	France	9	33	24	31	(1)	17	44	7	4	16	38	0.94	1.50	0.95	36	63	60
Marjet	Netherlands	9	42	24	31	(1)	34	241	13	7	85	69	0.72	2.64	1.03	28	111	65
Marga	Netherlands	9	47	24	31	(1)	20	207	5	4	73	29	1.12	1.97	0.95	43	83	59
Merlin	U.K.	9	39	24	31	(1)	25	75	2	5	27	12	1.52	2.31	1.12	59	97	70
Moncorde	Netherlands	9	48	24	31	(1)	248	129	13	54	46	69	1.97	1.99	1.61	76	84	101
Monica	Netherlands	9	31	24	31	(1)	83	65	6	18	23	32	2.24	1.95	1.29	87	82	81
Nora	Germany	9	43	24	31	25	40	326	11	9	115	58	1.28	2.44	1.15	50	103	72
Patio	Netherlands	9	48	24	31	25	184	273	15	40	96	79	2.20	2.42	1.46	85	102	92
Puma	Denmark	9	43	24	31	(1)	28	282	7	6	100	36	1.05	2.46	0.97	41	104	60

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe			Seed Yield Data						Herbage Yield Data					
				July			Yield kg/ha			% of Boreal			Yield (DM) t/ha			% of Boreal		
				1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Pp 15E	USA	9	40	24	31	25	52	388	11	11	137	58	1.30	2.46	1.14	50	104	72
Reptans	Sweden	9	53	24	31	25	320	252	20	69	89	107	2.58	2.87	1.79	100	121	113
Roland 21	Germany	9	52	24	31	25	188	217	14	41	77	79	2.73	3.05	1.59	106	128	100
Rubina Roskilde	Denmark	9	52	24	31	25	220	208	16	48	73	85	1.90	2.55	1.45	74	107	92
RS 512	Sweden	9	39	24	31	(1)	150	216	9	33	76	48	2.02	2.37	1.23	78	100	77
Tkot	Denmark	9	38	24	31	(1)	34	62	7	7	22	36	1.97	2.60	1.55	76	109	97
Sonnet	Netherlands	9	40	24	31	(1)	30	65	7	7	23	36	1.64	1.79	1.20	64	75	75
Svalbard	Norway	9	48	24	31	(1)	87	178	7	19	63	56	1.52	2.55	1.30	59	108	82
Toca	Denmark	9	38	24	31	25	234	209	18	51	74	98	2.58	2.31	1.74	100	97	110
Turt	Sweden	9	38	24	31	25	157	241	11	34	85	58	2.02	2.46	1.39	78	104	87
Veni	Denmark	9	38	24	31	25	54	232	8	12	82	42	1.72	2.33	1.20	67	98	75
Mean							120	197	11				1.64	2.24	1.31			
L.S.D. (P = .05)							41.22	42.87	5.67				0.17	0.18	0.19			

(1) Seed not harvested, yield estimated

(2) Herbage not measured

Cultivar	Origin	Hardiness	Height (cm)	Date 1979	Ripe 1980	Seed Yield				Herbage Yield			
						Kg/ha		% of Boreal		(DM) t/ha		% of Boreal	
						1979	1980	1979	1980	1979	1980	1979	1980
Banner	USA	9	36	July 27	July 18	282	17	37	6	(1)	1.68	(1)	63
Borante	Netherlands	9	30	July 27	July 18	102	70	13	25		1.74		65
Barbara	Netherlands	9	33	July 27	July 18	67	126	9	45		1.32		49
Bastide	France	9	29	July 27	July 18	91	20	12	7		1.46		54
Boreal*	Canada	9	43	July 27	July 18	760	280	100	100		2.68		100
Brasov	Romania	9	44	July 27	July 18	376	235	49	84		2.52		94
Carlawn	Canada	9	44	July 27	July 18	616	111	81	40		2.21		82
Checker	USA	9	38	July 27	July 18	131	76	17	27		1.73		65
Chomade	France	9	34	July 27	July 18	128	10	17	4		1.16		43
Corona	Netherlands	9	37	July 27	July 18	170	15	22	5		1.55		58
Engina	Netherlands	9	42	July 27	July 18	636	445	84	159		2.62		98
Ensylva	Netherlands	9	39	July 27	July 18	600	53	79	19		1.88		70
Envira	Netherlands	9		July 27	July 18	749	243	99	87		2.42		90
Enzet	Netherlands	9	48	July 27	July 18	627	303	83	108		2.49		93
Fortress	USA	9	42	July 27	July 18	755	89	99	32		2.38		89
Grelø	Denmark	9	36	July 27	July 18	206	42	27	15		2.38		89
Kesthelyi 2	Hungary	9	46	July 27	July 18	520	71	68	25		2.30		86
Manoir	France	9	30	July 27	July 18	109	84	14	30		1.76		66
Marga	Netherlands	9	37	July 27	July 18	106	40	14	14		1.48		55
Mariet	Netherlands	9	42	July 27	July 18	189	69	25	25		1.27		47
Merlin	U.K.	9	33	July 27	July 18	123	25	16	9		2.28		85
Moncorde	Netherlands	9	41	July 27	July 18	533	105	70	38		2.51		94
Monica	Netherlands	9	38	July 27	July 18	438	26	58	9		2.28		85
Patio	Netherlands	9	46	July 27	July 18	560	160	74	57		2.62		98
Pernille	Denmark	9	41	July 27	July 18	437	54	58	19		2.28		85
Pollux	Denmark	9	46	July 27	July 18	679	87	89	31		2.32		87
Puma	Denmark	9	36	July 27	July 18	132	63	17	23		1.31		49
Rapid	Netherlands	9	43	July 27	July 18	659	276	87	99		2.49		93
Skot	Denmark	9	34	July 27	July 18	128	12	17	4		2.04		76
Sonnet	Netherlands	9	28	July 27	July 18	175	7	23	3		2.04		76
Veni	Denmark	9	36	July 27	July 18	231	15	30	5		1.41		53
Mean						370	104				2.02		
L.S.D. (P = .05)						81.61	39.84				0.25		

(1) Herbage not measured