

Cultivar	Origin	Hardiness	Height (cm)	Date 1980	Ripe 1981	Seed Yield				Herbage Yield			
						Kg/ha		% of Climax		Yield t/ha		% of Climax	
						1980	1981	1980	1981	1980	1981	1980	1981
Alpage	France	9	74	July 30	Aug. 10	239	243	89	155	8.04	3.61	80	107
Asterix	Netherlands	9	47	Aug. 19	Aug. 10	133	118	49	75	6.91	2.68	69	79
Bartimi	Netherlands	9	77	July 30	Aug. 10	346	335	128	213	10.13	4.70	101	139
Basho	Canada	9	74	July 30	Aug. 10	95	92	35	59	6.91	3.30	69	98
Bilbo	Denmark	9	80	July 30	Aug. 10	292	233	108	148	9.50	4.26	94	126
Bottnia 11	Sweden	9	87	July 30	July 29	960	547	356	348	17.53	7.23	174	214
Bounty	Canada	9	77	July 30	Aug. 10	325	187	120	119	9.02	2.83	90	84
Champ	Canada	9	79	July 30	Aug. 10	240	116	89	74	11.19	4.29	111	127
Climax*	Canada	9	79	July 30	Aug. 10	270	157	100	100	10.06	3.38	100	100
Engmo	Norway	9	87	July 30	July 29	955	570	354	363	16.05	6.39	160	189
Erecta	Belgium	9	74	July 30	Aug. 10	307	174	114	111	7.72	3.34	77	99
Goliath	Netherlands	9	77	July 30	Aug. 10	393	278	146	177	12.42	4.01	123	119
Hokushu	Japan	9	79	July 30	Aug. 10	215	298	80	190	9.79	4.77	97	141
Itasca	Sweden	9	82	July 30	Aug. 10	276	159	102	101	11.48	4.57	114	135
Korpa	Iceland	9	82	July 30	July 29	949	451	351	287	14.54	5.66	145	167
Ludor	France	9	72	July 30	Aug. 10	174	100	64	64	10.42	3.47	104	103
Melora	Netherlands	9	71	July 30	Aug. 10	158	208	59	132	8.53	4.16	85	123
Mino	Denmark	9	79	July 30	Aug. 10	153	214	57	136	6.94	3.70	69	109
Nosappu	Japan	9	84	July 30	Aug. 10	312	270	116	172	12.50	5.43	124	161
Otto	Finland	9	84	July 30	Aug. 1	737	369	273	235	13.71	4.61	136	136
Polka	United Kingdom	9	80	July 30	Aug. 10	282	263	104	168	9.72	4.53	97	134
Pota	Denmark	9	82	July 30	Aug. 10	315	235	117	150	12.51	4.84	124	143
Pronto	U.S.A.	9	74	July 30	Aug. 10	284	207	105	132	10.17	4.25	101	126
Purlieu	United Kingdom	9	72	July 30	Aug. 10	122	274	45	175	7.70	4.63	77	137
Rasant	Germany	9	75	July 30	July 29	421	394	156	251	9.78	3.87	97	114
Richmond	Canada	9	78	July 30	Aug. 1	208	247	77	157	9.11	4.19	91	124
RVP 251F	Belgium	9	72	July 30	Aug. 10	177	207	66	132	11.17	4.15	111	123
Salvo	Canada	9	68	Aug. 9	July 29	166	110	62	70	7.96	3.94	79	117
Sigma	Netherlands	9	63	Sept. 1	Aug. 10	509	399	189	254	9.39	3.90	93	115
Tiiti	Finland	9	72	July 30	Aug. 10	725	500	269	318	14.40	5.88	143	174
Tilda	Denmark	9	81	July 30	Aug. 10	461	296	171	189	11.86	4.73	118	140
Topas Otofte	Denmark	9	80	July 30	Aug. 10	365	334	135	213	12.29	4.90	122	145
Verdønt	U.S.A.	9	86	July 30	Aug. 10	332	270	123	172	11.80	5.46	117	162
Mean						350	268			10.64	4.41		
L.S.D. (P = .05)						124.22	109.08			2.72	1.31		

Cultivar	Origin	Hardiness	Height (cm)	Date 1980	Ripe 1981	Seed Yield				Herbage Yield			
						Kg/ha 1980	Kg/ha 1981	% of Climax 1980	% of Climax 1981	Yield 1980	t/ha 1981	% of Climax 1980	% of Climax 1981
Alpage	France	8	60	July 28	Aug. 1	169	154	92	101	1.44	2.09	84	83
Asterix	Netherlands	8	42	Aug. 2	Aug. 11	137	204	75	134	1.72	2.38	100	94
Bartimi	Netherlands	8	61	July 28	Aug. 1	141	133	98	88	1.51	1.67	88	66
Basho	Canada	8	63	July 28	July 29	53	70	29	46	0.66	1.48	38	58
Bilbo	Denmark	8	69	July 28	Aug. 7	177	248	86	163	2.02	2.03	117	80
Bottnia 11	Sweden	8	73	July 28	July 29	576	389	313	256	3.14	3.62	183	143
Bounty	Canada	8	70	Aug. 2	Aug. 11	114	114	62	75	1.54	1.69	90	67
Champ	Canada	8	63	July 28	Aug. 8	144	88	83	58	1.59	2.03	92	80
Climax*	Canada	8	67	Aug. 2	Aug. 11	184	152	100	100	1.72	2.53	100	100
Engmo	Norway	8	64	July 28	July 29	538	361	292	238	2.81	3.05	163	121
Erecta	Belgium	8	61	July 28	July 29	217	194	116	128	1.55	2.11	90	83
Goliath	Netherlands	8	65	July 28	Aug. 11	307	220	167	145	2.29	2.35	133	93
Hokushu	Japan	8	67	Aug. 7	Aug. 11	248	331	135	218	2.33	2.76	135	109
Itasca	Sweden	8	62	Aug. 2	Aug. 11	161	175	62	115	1.18	2.14	69	85
Korpa	Iceland	8	66	July 28	July 29	582	333	250	219	3.14	2.13	183	84
Ludor	France	8	61	July 28	Aug. 11	90	87	45	57	1.50	1.62	87	64
Melora	Netherlands	8	60	Aug. 2	Aug. 11	143	169	82	111	1.68	1.91	98	75
Mino	Denmark	8	69	July 28	Aug. 11	147	245	111	161	1.71	2.78	99	110
Nosappu	Japan	8	67	July 28	Aug. 8	201	171	95	113	1.99	2.26	116	89
Otto	Finland	8	65	July 28	July 29	390	282	212	186	2.31	2.91	134	115
Polka	United Kingdom	8	65	July 28	Aug. 11	176	104	96	68	1.79	1.81	104	72
Pota	Denmark	8	66	July 28	July 29	141	124	77	82	1.51	1.99	88	79
Pronto	U.S.A.	8	69	July 28	Aug. 5	293	187	155	123	2.33	3.04	135	120
Purlieu	United Kingdom	8	62	Aug. 13	Aug. 8	108	198	125	130	1.28	2.13	74	84
Rasant	Germany	8	65	July 28	July 29	403	306	219	201	1.97	2.73	115	108
Richmond	Canada	8	68	July 28	July 29	157	183	85	120	2.31	2.27	134	90
RVP 251F	Belgium	8	62	July 28	Aug. 11	123	137	92	90	1.57	2.35	91	93
Salvo	Canada	8	62	July 28	Aug. 1	65	121	35	80	1.90	1.96	110	77
Sigma	Netherlands	8	54	Aug. 13	Aug. 11	418	420	215	276	1.13	2.55	66	101
Tiiti	Finland	8	69	July 28	July 29	456	279	245	184	2.07	2.75	120	109
Tilda	Denmark	8	70	July 28	Aug. 1	306	161	165	106	2.90	2.75	169	109
Topas Otofte	Denmark	8	71	July 28	July 29	224	188	97	124	2.40	2.25	140	89
Verdant	U.S.A.	8	70	July 28	Aug. 11	230	174	125	114	1.94	1.84	113	73
Mean						237	203			1.91	2.30		
L.S.D. (P = .05)						95.64	99.84			0.66	0.85		