

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
						Kg/ha		% Carlton		Yield t/ha		% Carlton	
						1980	1981	1980	1981	1980	1981	1980	1981
Baylor	USA	9	100	July 30	July 29	627	547	58	131	9.17	6.36	89	98
Blair	USA	9	101	July 30	July 29	482	455	45	109	7.88	6.00	77	93
Carlton*	Canada	9	102	July 30	July 29	1077	413	100	100	10.28	6.47	100	100
Jubilee	Canada	9	95	July 30	July 29	488	314	45	75	8.68	5.93	84	92
Kesto	Finland	9	96	July 30	July 29	728	447	68	107	9.13	5.72	89	88
Magna	Canada	9	103	July 30	July 29	962	627	89	150	10.15	7.50	99	116
Mandan 404	USA	9	95	July 30	July 29	551	343	52	82	8.10	6.07	79	94
Orfeu	Rumania	9	99	July 30	July 29	819	413	76	98	9.57	6.84	93	106
Redpatch	Canada	9	101	July 30	July 29	634	395	59	95	7.48	6.33	73	98
Regar	USA	9	99	July 10	July 19	206	231	19	55	6.78	4.82	66	74
S-8800	Canada	9	114	July 30	July 29	1146	701	106	168	10.58	7.22	103	112
Svaja	Sweden	9	102	July 30	July 29	780	373	72	89	10.05	7.64	98	118
Tempo	Canada	9	102	July 30	July 29	499	453	46	108	8.20	6.21	80	96
WWF 72	Sweden	9	94	July 30	July 29	652	195	61	47	8.99	6.18	87	96
Mean						689	422			8.93	6.38		
L.S.D. (P = .05)						112.09	117.42			1.86	1.24		

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
						Kg/ha		% of Carlton		Yield t/ha		% of Carlton	
						1980	1981	1980	1981	1980	1981	1980	1981
Baylor	USA	9	88	July 28	July 29	382	440	44	76	3.22	3.29	71	72
Blair	USA	9	87	July 28	July 29	257	341	30	59	2.52	3.22	56	71
Carlton*	Canada	9	88	July 28	July 29	868	579	100	100	4.54	4.54	100	100
Jubilee	Canada	9	80	July 28	July 29	406	327	47	56	3.92	3.89	86	86
Kesto	Finland	9	92	July 28	July 29	663	509	76	88	4.40	3.96	97	87
Magna	Canada	9	92	July 28	July 29	730	677	84	117	4.52	4.35	100	96
Mandan 404	USA	9	82	July 28	July 29	415	371	48	64	3.05	3.32	67	73
Orfeu	Rumania	9	89	July 28	July 29	942	609	109	105	5.07	4.71	112	104
Redpatch	Canada	9	85	July 28	July 29	166	306	19	53	1.56	2.64	34	58
Regar	USA	9	93	July 10	July 19	331	310	38	54	3.37	3.95	74	87
S-8800	Canada	9	94	July 28	July 29	824	834	95	144	5.15	5.00	113	110
Svaja	Sweden	9	86	July 28	July 29	547	431	63	74	3.86	4.31	85	95
Tempo	Canada	9	82	July 28	July 29	352	394	41	68	3.31	3.18	73	70
WWF 72	Sweden	9	82	July 28	July 29	792	358	91	62	4.98	4.60	110	101
Mean						549	463			3.82	3.93		
L.S.D. (P = .05)						69.78	133.59			0.89	0.92		

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
						Kg/ha		% of Oasis		(DM) t/ha		% of Oasis	
						1980	1981	1980	1981	1980	1981	1980	1981
Adonis	Netherlands	9	53	July 17	July 14	44	204	200	91	2.49	2.87	68	81
Agran	Netherlands	9	50	--	July 18	34	289	155	128	1.99	2.40	54	68
Atlanta	Netherlands	9	47	July 17	July 14	32	158	145	70	2.43	2.30	66	65
Bingo	Netherlands	9	48	July 17	July 11	30	173	136	77	2.72	2.52	74	71
Fideline	Netherlands	9	50	July 17	July 11	47	206	214	92	1.84	2.66	50	75
Ivalo	Denmark	9	48	July 14	July 14	24	310	109	139	2.17	2.98	59	84
Lirouge	Germany	9	41	July 14	July 8	28	165	127	73	2.90	2.74	79	78
Luster	Netherlands	9	29	July 17	July 8	23	128	105	57	1.74	2.61	48	74
Oasis*	Netherlands	9	43	July 10	July 8	22	225	100	100	3.66	3.53	100	100
Parita	Netherlands	9	53	July 17	July 15	49	235	223	104	2.73	3.10	75	88
Pusa	Denmark	9	49	July 15	July 11	50	198	227	88	3.10	2.88	85	82
Scarlet	Netherlands	9	54	July 15	July 11	77	182	350	81	2.89	3.11	79	88
Tatjana	Denmark	9	52	July 12	July 9	64	234	291	104	2.30	2.93	63	83
Volaska	Czechoslovakia	9	62	July 10	July 8	70	184	318	82	2.80	3.49	77	99
Veni	Denmark	9	44	July 17	July 8	69	145	314	64	3.27	3.41	89	97
Z-436	Netherlands	9	51	July 17	July 15	42	216	191	96	2.42	2.69	66	76
Mean						44	203			2.59	2.89		
L.S.D. (P = .05)						24.26	111.33			0.74	0.64		

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe			Seed Yield						Herbage Yield					
				July 1979	July 1980	July 1981	Yield Kg/ha			% of Oasis			(DM) t/ha			% of Oasis		
				1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
Adonis	Netherlands	9	43	23	11	13	225	9	184	100	38	79	(1)	0.50	2.02	(1)	33	80
Agram	Netherlands	9	39	23	11	15	196	9	207	87	38	89		0.45	1.85		29	73
Belmonte	Netherlands	9	38	23	18	12	349	11	188	155	46	81		1.04	2.04		68	81
Cascade	U.S.A.	9	46	23	18	13	187	12	165	83	50	71		1.63	2.23		107	88
Dawson	Netherlands	9	44	23	18	10	251	85	304	112	354	130		2.08	3.08		136	122
Diamond	Netherlands	9	39	23	18	16	141	12	247	63	50	106		0.83	1.93		54	77
Encota	Netherlands	9	42	23	11	9	155	17	132	69	71	57		0.52	1.88		34	75
Famosa	Belgium	9	35	23	18	7	149	10	157	66	42	67		1.10	2.18		72	87
Flevo	Netherlands	9	37	23	11	7	262	46	204	116	192	88		0.87	2.43		57	96
Frida	Netherlands	9	40	23	18	15	228	6	235	101	25	101		1.32	1.84		86	73
Highlight	Netherlands	9	34	23	11	7	256	42	178	114	175	76		0.42	2.07		27	82
Ivalo	Denmark	9	31	23	18	7	194	40	166	86	167	71		1.12	2.10		73	83
Koket	Netherlands	9	35	23	18	7	353	51	264	157	213	113		1.23	2.63		80	104
Lifalla	Germany	9	45	23	11	9	245	49	209	109	204	90		0.51	2.36		33	94
Lirouge	Germany	9	45	23	11	9	132	22	144	59	92	62		0.65	2.06		42	82
Menuet	Netherlands	9	39	23	18	12	249	5	207	111	21	89		0.97	2.04		63	81
Oasis*	Netherlands	9	34	23	3	7	225	24	233	100	100	100		1.53	2.52		100	100
Odra	Germany	9	48	23	11	9	345	46	184	153	192	79		0.86	2.07		56	82
Rasengold	Germany	9	45	23	18	12	391	32	290	174	133	124		1.22	2.61		80	104
Rolax	Belgium	9	46	23	18	17	276	151	367	123	629	158		2.08	3.26		136	129
Scarlet	Netherlands	9	43	23	18	10	226	14	172	100	58	74		0.90	2.10		59	83
Tamara	Denmark	9	46	23	18	12	279	26	289	124	108	124		1.22	2.61		80	104
Tatjana	Denmark	9	39	23	11	10	324	36	278	144	150	119		0.47	2.17		31	86
Waldorf	Netherlands	9	43	23	20	12	220	25	228	98	104	98		1.02	2.11		67	84
Mean							244	33	218					1.02	2.26			
L.S.D. (P = .05)							81.91	19.15	74.39					0.28	0.52			

(1) Herbage not measured