

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe			Seed Yield						Herbage Yield					
				July 1979	July 1980	1981	Yield kg/ha			% of Oasis			Yield (DM) t/ha			% of Oasis		
				1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
Adonis	Netherlands	9	69	24	9	(2)	292	15	(2)	195	500	(2)	(1)	4.78	1.16	(1)	74	73
Agram	Netherlands	9	73	24	9		208	27		139	900			4.25	1.72		66	108
Belmonte	Netherlands	9	64	24	9		263	4		175	133			4.21	1.31		65	82
Cascade	U.S.A.	9	76	24	9		208	14		139	467			4.94	1.50		76	94
Dawson	Netherlands	9	51	24	9		253	1		169	33			3.71	1.87		57	117
Diamond	Netherlands	9	69	24	9		200	17		133	567			3.84	1.39		59	87
Encota	Netherlands	9	70	24	9		223	19		149	633			4.63	1.26		72	79
Famosa	Belgium	9	70	24	9		325	32		217	1067			2.77	1.41		43	88
Flevo	Netherlands	9	77	24	9		240	18		160	600			3.96	1.86		61	116
Frida	Netherlands	9	74	24	9		289	25		193	833			2.20	1.29		34	81
Highlight	Netherlands	9	67	24	9		269	28		179	933			4.93	1.59		76	99
Ivalo	Denmark	9	65	24	9		228	21		152	700			4.16	1.26		64	79
Koket	Netherlands	9	72	24	9		309	47		206	1567			3.36	1.39		52	87
Lifalla	Germany	9	70	24	9		195	70		130	2333			5.36	1.27		83	79
Lirouge	Germany	9	65	24	9		264	18		176	600			4.65	1.38		72	86
Menuet	Netherlands	9	74	24	9		250	9		167	300			4.74	1.51		73	94
Oasis*	Netherlands	9	55	24	9		150	3		100	100			6.46	1.60		100	100
Odra	Germany	9	73	24	9		454	18		303	600			4.16	1.67		64	104
Rasengold	Germany	9	78	24	9		318	28		212	933			6.11	1.65		95	103
Rolax	Belgium	9	64	24	9		343	6		229	200			4.87	2.59		75	162
Scarlet	Netherlands	9	65	24	9		377	11		251	367			3.18	1.04		49	65
Tamara	Denmark	9	73	24	9		405	21		270	700			3.84	1.87		59	117
Tatjana	Denmark	9	75	24	2		314	42		209	1400			3.66	1.33		57	83
Waldorf	Netherlands	9	65	24	9		278	38		185	1267			4.00	1.69		62	106
Mean							277	22						4.28	1.53			
L.S.D. (P = .05)							190.13	16.71						1.54	0.50			

(1) Herbage not measured.

(2) Seed heads not formed.

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
				1980	1981	Kg/ha		% of Oasis		(DM)		% of Oasis	
						1980	1981	1980	1981	1980	1981	t/ha	1980
Adonis	Netherlands	9	60	July 10	July 13	45	196	100	408	2.96	3.70	50	70
Agram	Netherlands	9	55	July 10	July 16	94	218	209	454	2.70	2.86	45	59
Atlanta	Netherlands	9	56	July 10	July 18	49	99	109	206	3.13	3.17	53	66
Bingo	Netherlands	9	55	July 4	July 11	24	295	53	615	2.63	3.58	44	74
Fidelimo	Netherlands	9	57	July 10	July 12	118	194	262	404	2.77	3.14	46	65
Ivalo	Denmark	9	51	June 29	July 11	19	217	42	452	2.25	2.96	38	62
Lirouge	Germany	9	58	June 29	July 9	35	233	78	485	3.10	3.68	52	77
Luster	Netherlands	9	55	July 10	July 9	87	191	193	398	3.30	3.20	55	67
Oasis*	Netherlands	9	59	June 25	July 11	45	48	100	100	5.95	4.81	100	100
Parita	Netherlands	9	56	July 10	July 15	75	299	167	623	3.66	4.03	62	84
Puma	Denmark	9	53	July 10	July 9	55	249	122	519	2.65	3.21	45	67
Scarlet	Netherlands	9	58	July 10	July 16	163	208	362	433	2.80	2.76	47	58
Tatjana	Denmark	9	58	July 2	July 10	177	341	393	710	3.18	3.64	53	76
Valaska	Czechoslovakia	9	65	June 25	July 7	94	207	209	431	4.07	3.29	68	68
Veni	Denmark	9	62	July 10	July 17	57	197	127	410	2.70	3.91	45	81
Z-436	Netherlands	9	56	July 10	July 15	21	191	47	398	3.08	3.07	52	64
Mean						72	211			3.18	3.44		
L.S.D. (P = .05)						71.12	62.52			0.69	0.59		

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
				1980	1981	Kg/ha		% of Boreal		(DM)		% of Boreal	
						1980	1981	1980	1981	1980	t/ha	1980	1981
Ballade	France	8	45	(1)	July 21	20	73	6	10	4.11	2.19	81	53
Banner	U.S.A.	9	59	July 17	July 21	76	339	23	46	2.97	3.58	58	87
Bastide	France	7	35	(1)	July 21	20	131	6	18	3.62	1.49	71	36
Boreal*	Canada	9	65	July 17	July 21	330	741	100	100	5.09	4.12	100	100
Carlawn	Canada	9	63	July 17	July 21	280	488	85	66	3.76	3.79	74	92
Chomade	France	8	58	July 17	July 21	81	198	25	27	2.52	2.65	50	64
Corona	Netherlands	9	49	(1)	July 21	76	160	23	22	4.49	2.88	88	70
Ensylva	Netherlands	9	54	July 17	July 21	95	217	29	29	4.24	2.70	83	66
Envira	Netherlands	9	60	July 17	July 21	242	472	73	64	4.33	3.33	85	81
Enzet	Netherlands	9	65	July 17	July 21	328	541	99	73	4.50	3.69	88	90
Epaulette	United Kingdom	8	46	(1)	July 21	40	76	12	10	3.90	3.19	77	77
Fess	United Kingdom	7	31	(1)	July 21	20	90	6	12	4.10	1.64	81	40
Fortress	U.S.A.	9	59	July 17	July 21	149	406	45	55	4.11	3.74	81	91
Hackle	United Kingdom	7	44	(1)	July 21	20	85	6	11	4.02	1.69	79	41
Keszthelyi 2	Hungary	9	65	July 17	July 21	152	278	46	38	4.45	3.26	87	79
Leik	Norway	9	64	July 17	July 13	330	464	100	63	4.40	5.87	86	142
Maxim	Sweden	8	57	July 17	July 21	88	367	27	50	2.49	2.75	49	67
Milda	France	9	61	July 17	July 21	92	317	28	43	4.64	3.67	91	89
Moncorde	Netherlands	9	54	July 17	July 19	157	483	48	65	4.15	3.39	82	82
Oriflamme	United Kingdom	9	57	July 17	July 15	42	149	13	20	3.59	3.28	71	80
Patio	Netherlands	8	62	July 17	July 21	131	451	40	61	4.30	4.40	84	107
Pernille	Denmark	8	57	July 17	July 21	114	303	35	41	4.70	3.48	92	84
Pollux	Denmark	9	62	July 17	July 21	144	386	44	52	4.16	3.87	82	94
Rapid	Netherlands	9	62	July 17	July 21	146	489	52	66	3.76	3.88	74	94
Reptans	Sweden	9	68	July 17	July 21	171	488	52	66	4.75	4.17	93	101
Roland 21	Germany	9	65	July 17	July 21	171	276	52	37	5.27	4.33	104	105
Skot	Denmark	8	53	July 17	July 21	93	91	28	12	4.70	3.19	92	77
Zernickower	East Germany	9	61	July 17	July 21	266	335	81	45	4.85	3.96	95	96
Mean						138	318			4.14	3.36		
L.S.D. (P = .05)						67.19	108.87			1.02	0.81		

(1) Seed not harvested, yield estimated.