

## Seed Yield

## Herbage Yield

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe		Seed Yield				Herbage Yield			
				1980	1981	Kg/ha		% of Oasis		(DM)	t/ha	% of Oasis	
						1980	1981	1980	1981	1980	1981	1980	1981
Adonis	Netherlands	9	48	July 18	July 13	142	315	107	108	0.47	4.69	35	87
Agram	Netherlands	9	44	July 18	July 13	157	378	118	129	0.45	4.89	33	90
Atlanta	Netherlands	9	45	July 18	July 13	124	260	93	89	0.40	4.35	30	80
Bingo	Netherlands	9	49	July 10	July 13	148	381	111	130	0.88	4.87	65	90
Fidelimo	Netherlands	9	46	July 10	July 13	159	390	120	134	0.90	5.03	67	92
Ivalo	Denmark	9	44	July 8	July 13	298	316	224	108	1.16	4.63	86	86
Lirouge	Germany	9	41	July 8	July 8	131	131	98	45	0.91	4.88	67	90
Luster	Netherlands	9	40	July 10	July 13	167	309	126	106	1.01	4.52	75	84
Oasis*	Netherlands	9	43	July 3	July 8	133	292	100	100	1.35	5.41	100	100
Parita	Netherlands	9	52	July 10	July 13	145	366	109	125	0.86	5.04	64	93
Puma	Denmark	9	48	July 10	July 13	195	373	147	128	1.29	4.71	96	87
Scarlet	Netherlands	9	49	July 18	July 13	222	424	167	145	0.64	5.14	47	95
Tatjana	Denmark	9	50	July 10	July 12	307	404	231	138	1.25	4.20	93	78
Valaska	Czechoslovakia	9	52	July 3	July 8	198	172	149	59	1.50	4.94	111	91
Veni	Denmark	9	50	July 18	July 13	365	384	274	132	1.00	5.24	74	97
Z-436	Netherlands	9	49	July 18	July 13	148	373	111	128	0.43	4.97	32	92
Mean						190	330			0.91	4.84		
L.S.D. (P = .05)						96.48	75.94			0.32	0.52		

Cultivar	Origin	Hardiness	Height (cm)	Date Ripe			Seed Yield						Herbage Yield					
				Aug. 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
Adonis	Netherlands	9	39	1	4	14	(1)	48	190	(1)	155	124	(2)	0.15	1.81	(2)	19	90
Agram	Netherlands	9	41	1	6	14	93	65	195		210	127		0.45	1.56		56	77
Belmonte	Netherlands	9	43	1	8	14	188	71	191		229	125		0.35	1.84		43	91
Cascade	U.S.A.	9	48	1	9	14	149	57	141		184	92		0.41	1.74		51	86
Dawson	Netherlands	9	41	1	9	14	(1)	14	241		45	156		0.43	1.97		53	98
Diamond	Netherlands	8	45	1	9	14	118	87	230		281	150		0.48	1.94		59	96
Encota	Netherlands	9	36	1	2	7	181	83	97		268	63		0.55	1.47		68	73
Famosa	Belgium	9	42	1	4	14	211	104	231		335	151		0.55	1.94		68	96
Flevo	Netherlands	9	41	1	4	14	129	91	184		294	120		0.71	1.99		88	99
Frida	Netherlands	9	42	1	9	14	(1)	32	169		103	110		0.17	1.62		21	80
Highlight	Netherlands	9	43	1	4	14	158	147	192		474	125		0.52	1.16		64	57
Ivalo	Denmark	9	39	1	4	14	141	106	151		342	99		0.64	1.55		79	77
Koket	Netherlands	9	42	1	8	14	136	107	245		345	160		0.52	1.70		64	84
Lifalla	Germany	9	39	1	4	14	180	136	217		439	142		0.62	1.70		77	84
Lirouge	Germany	9	38	1	2	7	169	61	113		197	74		0.44	1.30		54	64
Menuet	Netherlands	9	45	1	9	14	223	68	210		219	137		0.47	1.96		58	97
Oasis*	Netherlands	9	41	1	4	7	(1)	31	153		100	100		0.81	2.02		100	100
Odra	Germany	9	52	1	8	14	317	191	241		616	158		0.98	1.71		121	85
Rasengold	Germany	9	45	1	9	14	245	174	302		561	197		0.68	2.12		84	105
Rolax	Belgium	9	49	1	9	14	270	88	241		284	158		0.64	2.22		79	110
Scarlet	Netherlands	9	40	1	9	14	171	57	195		184	127		0.31	1.44		38	71
Tamara	Denmark	9	47	1	9	14	270	106	266		342	174		0.50	2.32		62	115
Tatjana	Denmark	9	41	1	4	14	(1)	136	280		439	183		0.58	1.76		72	87
Waldorf	Netherlands	9	42	1	8	14	102	109	188		352	123		0.62	1.50		77	74
Mean							163	90	203					0.52	1.76			
L.S.D. (P = .05)							84.35	52.67	64.33					0.30	0.42			

(1) Not established.

(2) Herbage not measured.

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	1980	1981
Adonis	Netherlands	9	41	July 9	July 13	59	338	64	97	0.27	3.06	42	80		
Agram	Netherlands	9	36	July 4	July 13	57	316	62	91	0.41	2.80	63	73		
Atlanta	Netherlands	9	40	July 9	July 15	46	233	50	67	0.29	2.57	45	67		
Bingo	Netherlands	9	38	July 4	July 13	52	252	57	72	0.39	3.30	60	87		
Fidelimo	Netherlands	9	35	July 2	July 13	83	305	90	88	0.45	2.51	69	66		
Ivalo	Denmark	9	36	July 2	July 13	51	111	55	32	0.43	2.17	66	57		
Lirouge	Germany	9	34	July 2	July 15	42	137	46	39	0.29	2.52	45	66		
Luster	Netherlands	9	34	July 4	July 13	68	140	74	40	0.55	2.48	85	65		
Oasis*	Netherlands	9	41	June 30	July 7	92	348	100	100	0.65	3.81	100	100		
Parita	Netherlands	9	38	July 9	July 13	103	314	112	90	0.37	2.99	57	78		
Puma	Denmark	9	38	July 2	July 15	82	233	89	67	0.57	2.65	88	70		
Scarlet	Netherlands	9	41	July 4	July 15	92	321	100	92	0.53	2.91	82	76		
Tatjana	Denmark	9	37	July 4	July 15	126	308	137	89	0.75	2.55	115	67		
Valaska	Czechoslovakia	9	40	June 30	July 7	114	215	124	62	0.72	2.90	111	76		
Veni	Denmark	9	46	July 9	July 15	120	365	130	105	0.46	3.39	71	89		
Z-436	Netherlands	9	40	July 4	July 13	67	378	73	109	0.42	2.79	65	73		
Mean						78	270			0.47	2.84				
L.S.D. (P = .05)						23.16	71.24			0.15	0.45				