

FORAGE INTRODUCTIONS

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RESEARCH STATION, BEAVERLODGE, ALBERTA

IN CO-OPERATION WITH



FORAGE INTRODUCTIONS

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FOREWORD

This is our ninth report on the performance of introduced cultivars of grasses and legumes seeded in single plots at Beaverlodge. All data collected in the past 10 years are included. A supplementary report, entitled "Forage Cultivar Trials - Publication 79-16B", presents data from replicated trials throughout northern Alberta.

Data are obtained from single plots comprising of 5 rows, 30.5 cm (1 foot) apart and 6.1 metres (20 feet) long. Two rows are harvested for herbage and the remaining 3 for seed. Each cultivar is seeded in 3 successive years and each seeding is retained for 3 harvest years. Weeds are controlled by both mechanical and chemical means. Plots are fertilized annually. Irrigation is employed only in the year of seeding if required to ensure complete stands. While many observations are recorded, emphasis is placed on winter hardiness and seed yield.

We gratefully acknowledge assistance with data processing provided by Mr. Leo Modderman, Systems and Consulting Division, Finance and Administration Branch, Agriculture Canada, Ottawa.

Key to Symbols

* following cultivar name indicates standards (std) for comparison; % of STD - presents yield of introduction as a percentage of the standard (*) for that species but only for those years when both were on trial:
Rating 1 to 9 (9 best), - (not rated); cm - centimeters (1 inch = 2.54 cm); kg/ha - kilograms per hectare.

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GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
BENTGRASS, COLONIAL (AGROSTIS TENUIS)												
	ASTORIA	U.S.A.	3	8	30/07	105	95	46	8	.6	85	
	BORAL	SWEDEN	9	7	05/08	181	241	43	7	.5	125	
	EKO	SWEDEN	3	9	30/07	76	69	51	9	.4	57	
	EXETER *	U.S.A.	16	7	05/08	84	100	36	7	.4	100	
	GOGINAN	UNITED KINGDOM	1	4	*	0	*	*	4	.0	*	
	HIGHLAND	U.S.A.	3	8	02/08	20	18	41	8	.3	42	
	HOLFIOR	NETHERLANDS	3	8	30/07	90	82	43	8	.7	100	
	LIGRETTE	GERMANY	1	7	*	0	*	*	7	.0	*	
	ORBICA	NETHERLANDS	7	6	07/08	69	61	30	6	.3	75	
	PARYS MOUNTAIN	UNITED KINGDOM	1	5	*	0	*	*	5	.0	*	
	SABOVAL	UNITED KINGDOM	7	8	02/08	103	106	34	8	.4	100	
	TRACEMO	NETHERLANDS	3	8	30/07	132	120	48	8	.7	100	
	UTVERK	ICELAND	9	7	03/08	114	134	37	8	.3	75	
	VARMLANDSK	SWEDEN	3	5	14/08	133	425	41	5	.4	133	
BENTGRASS, CREEPING (AGROSTIS PALUSTRIS)												
	PENNCROSS *	U.S.A.	14	6	04/08	44	100	40	6	.3	100	
BENTGRASS, VELVET (AGROSTIS CANINA)												
	ACA 61 *	GERMANY	3	5	01/08	25	100	40	5	.0	*	
	RUSTA	NETHERLANDS	3	4	01/08	15	60	30	4	.0	*	
BLUEGRASS, CANADA (POA COMPRESSA)												
	CANON *	CANADA	12	8	05/08	371	100	52	8	.8	100	
BLUEGRASS, KENTUCKY (POA PRATENSIS)												
	ADELPHI	U.S.A.	6	8	26/07	71	53	46	8	.8	66	
	ALTRA C1	U.S.A.	2	9	26/07	95	76	40	9	1.3	120	
	AQUILA	NETHERLANDS	6	8	23/07	162	120	43	8	1.0	75	
	ARENA	NETHERLANDS	3	9	23/07	171	133	64	9	1.6	136	
	ARINA DASAS	DENMARK	6	8	21/07	268	200	68	9	1.5	116	
	ARISTA	NETHERLANDS	3	9	19/07	528	216	41	9	.7	58	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
BLUEGRASS, KENTUCKY (POA PRATENSIS)												
	ATLAS	SWEDEN	3	9	16/07	293	120	81	9	1.7	133	
	BARFORTO	NETHERLANDS	3	9	23/07	165	128	52	9	1.4	118	
	BARKENTA	NETHERLANDS	3	8	26/07	255	104	48	8	.7	58	
	BARMEZZO	NETHERLANDS	3	9	23/07	103	80	41	9	.8	72	
	BARON	NETHERLANDS	3	9	24/07	596	244	38	9	.8	66	
	BARONES	NETHERLANDS	6	8	24/07	173	129	49	8	.8	66	
	BARONIE	NETHERLANDS	6	8	26/07	61	45	41	8	.8	66	
	BARTENSE	NETHERLANDS	3	9	23/07	219	170	53	9	1.3	109	
	BARTISSIMO	NETHERLANDS	3	9	23/07	99	77	45	8	.6	54	
	BIRKA	SWEDEN	6	8	26/07	114	85	50	8	1.2	91	
	BRISTOL	U.S.A.	3	9	23/07	133	103	47	9	.6	54	
	CAMPINA	NETHERLANDS	3	9	23/07	187	145	57	9	.6	54	
	CAMPUS	GERMANY	3	8	21/07	213	87	46	8	.6	50	
	CAPTAN	NETHERLANDS	3	9	18/07	408	167	60	9	1.6	125	
	CONTINENTAL	NETHERLANDS	6	8	26/07	201	150	43	8	1.0	75	
	COUGAR	U.S.A.	2	9	30/07	169	136	29	9	.8	80	
	DELFT	NETHERLANDS	3	8	17/07	430	176	51	8	.8	66	
	DELTA	CANADA	3	9	20/07	116	90	70	9	1.0	81	
	DRYLAND	CANADA	2	9	26/07	35	28	44	9	1.0	90	
	E.F.	DENMARK	3	9	18/07	211	86	60	9	1.5	116	
	EAGLE	NETHERLANDS	12	8	22/07	99	54	40	8	.7	63	
	ENMUNDI	NETHERLANDS	3	9	23/07	132	102	45	9	.8	72	
	ENOBLE	NETHERLANDS	3	8	22/07	122	94	54	8	1.0	81	
	ENPRIMA	NETHERLANDS	3	9	20/07	323	251	53	9	1.0	81	
	ENSEMA	NETHERLANDS	6	8	20/07	281	209	67	8	1.6	125	
	ENTENSA	NETHERLANDS	6	7	24/07	47	35	55	7	.7	58	
	FYLKING	SWEDEN	2	9	29/07	48	38	30	9	.7	70	
	GARDI	NETHERLANDS	3	9	23/07	156	121	36	9	.6	54	
	GERONIMO	NETHERLANDS	3	9	20/07	232	180	53	9	1.0	81	
	GOLF (CHERI)	SWEDEN	3	9	21/07	486	199	38	9	.7	58	
	HOLT	NORWAY	3	9	20/07	66	51	59	9	1.2	100	
	KAHNSTEIN	GERMANY	3	9	17/07	583	238	60	9	1.0	75	
	KARCAGI	HUNGARY	9	8	21/07	127	62	63	8	.8	72	
	KENBLUE	U.S.A.	12	8	19/07	290	157	69	8	1.3	109	
	KIMONO	NETHERLANDS	3	8	23/07	120	93	40	8	.8	72	
	MERION	U.S.A.	5	8	26/07	148	81	46	8	.6	75	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
BLUEGRASS, KENTUCKY (POA PRATENSIS)												
	MERVEL	BELGIUM	3	9	17/07	367	150	61	9	1.0	75	
	MONOPOLY	NETHERLANDS	9	8	27/07	256	126	55	8	.7	63	
	MOSA	NETHERLANDS	3	9	23/07	120	93	48	9	.6	54	
	NEWPORT	U.S.A.	3	9	23/07	266	206	57	9	.6	54	
	NORMA OTOFTE	DENMARK	3	9	17/07	564	231	60	9	1.4	108	
	NUGGET	U.S.A.	2	9	30/07	163	131	26	9	.7	70	
	OLYMPRISP	GERMANY	3	9	22/07	432	177	50	9	1.0	75	
	ONAR	NETHERLANDS	3	8	23/07	88	68	55	8	.6	54	
	OTOFTE	DENMARK	3	9	17/07	469	192	61	9	1.1	83	
	PARADE	NETHERLANDS	6	8	26/07	129	96	51	8	1.0	75	
	PARK *	U.S.A.	15	8	21/07	169	100	59	8	1.2	100	
	PION	NETHERLANDS	3	9	23/07	51	40	59	9	1.1	90	
	PRATO	NETHERLANDS	2	9	29/07	202	163	31	9	.8	80	
	PRIMO	SWEDEN	3	9	21/07	299	122	53	9	1.1	83	
	SK-46 (ESKA)	GERMANY	3	9	22/07	162	143	49	9	1.3	109	
	SOBRA	SWEDEN	3	9	20/07	384	157	55	9	1.4	108	
	SOMA HUNSBALLE	DENMARK	3	9	17/07	582	238	63	9	1.3	100	
	SPATHS HOHENHEIMER	GERMANY	3	8	23/07	385	157	50	8	.6	50	
	STENSBALLE	DENMARK	3	9	17/07	402	164	61	9	1.3	100	
	STOLA 310	GERMANY	12	8	23/07	138	75	63	8	1.2	100	
	SVING	SWEDEN	6	8	23/07	436	233	48	8	1.1	90	
	SYDSPORT	SWEDEN	3	8	20/07	355	145	61	8	.8	66	
	T-NO.34	DENMARK	1	9	10/07	118	132	43	9	1.3	100	
	TRANSILVANIA	ROMANIA	6	8	22/07	142	105	69	8	1.2	91	
	TROY	U.S.A.	12	8	21/07	189	103	69	8	1.1	90	
	TURNIER	GERMANY	3	9	23/07	107	83	49	9	.7	63	
	UNION	GERMANY	3	9	21/07	368	150	68	9	1.4	108	
	VANTAGE	U.S.A.	3	9	22/07	15	12	62	9	1.1	90	
	VICTA	U.S.A.	3	9	23/07	329	255	49	9	.7	63	
	WINDSOR	U.S.A.	3	9	21/07	390	160	56	9	1.2	91	
BLUEGRASS, ROUGH (POA TRIVIALIS)												
	DASAS *	DENMARK	9	9	21/07	367	100	59	9	1.0	100	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
BLUEGRASS, UPLAND (POA GLAUCANTHA)												
	DRAYLAR *	POLAND	8	9	10/08	247	100	39	9	.7	100	
BROMEGRASS (BROMUS INERMIS)												
	"G"	HUNGARY	9	9	14/08	418	59	92	9	1.6	125	
	"ZK"	CZECHOSLOVAKIA	3	9	08/08	238	91	93	9	1.5	87	NORTHERN
	ANTO	POLAND	3	9	08/08	192	74	79	9	1.6	93	NORTHERN
	BARAGAN	ROMANIA	6	8	13/08	369	79	104	8	2.2	142	
	BARTON	U.S.A.	9	8	14/08	358	70	101	8	1.7	123	
	BAYLOR	U.S.A.	9	9	13/08	488	71	94	9	1.4	92	SOUTHERN
	BEACON	U.S.A.	9	9	14/08	460	91	107	9	1.6	115	
	BLAIR	U.S.A.	9	9	13/08	455	66	95	9	1.5	100	SOUTHERN
	CARLTON *	CANADA	24	8	13/08	574	100	91	8	1.5	100	NORTHERN
	DEBORAH	UNITED KINGDOM	5	3	30/08	190	30	46	3	.1	8	(B.CARINATUS)
	FRIGGA	SWEDEN	9	9	13/08	572	77	95	9	1.5	100	NORTHERN
	LANCASTER	U.S.A.	9	9	13/08	560	76	92	9	1.5	100	SOUTHERN
	LANDRACE	HUNGARY	9	9	14/08	422	60	95	8	1.6	125	
	LINCOLN	U.S.A.	9	8	15/08	580	94	98	8	2.0	138	SOUTHERN
	LYON	U.S.A.	3	9	10/08	308	86	99	9	2.1	135	SOUTHERN
	MAGNA	CANADA	11	9	13/08	860	140	99	9	2.0	128	INTERMEDIATE
	MANCHAR	U.S.A.	6	9	10/08	315	72	83	9	1.6	100	INTERMEDIATE
	MANDAN 404	U.S.A.	3	9	10/08	213	60	97	9	1.9	121	
	ORFEU	ROMANIA	3	9	10/08	452	127	100	9	2.0	128	
	POLAR	U.S.A.	6	9	10/08	380	86	86	9	1.4	86	NORTHERN
	REDPATCH	CANADA	9	8	11/08	318	57	93	8	1.7	106	SOUTHERN
	REGAR	U.S.A.	9	9	03/08	428	61	91	9	1.5	116	
	SAC	U.S.A.	3	9	08/08	163	62	82	9	1.7	100	SOUTHERN
DOGSTAIL, CRESTED (CYNOSURUS CRISTATUS)												
	CREDO SCEEMPTER *	NETHERLANDS	5	3	01/08	43	100	45	3	.0	*	
	SWM	NEW ZEALAND	5	3	01/08	62	143	42	3	.0	*	
FESCUE, CHEWINGS (FESTUCA RUBRA VAR. COMMUTATA)												
	AMBOISE	FRANCE	12	8	24/07	145	100	56	8	.6	85	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, CHEWINGS (FESTUCA RUBRA VAR. COMMUTATA)												
	ATLANTA	NETHERLANDS	9	8	24/07	157	120	56	8	.7	87	
	BARFALLA	NETHERLANDS	8	8	23/07	112	156	49	8	.8	100	
	BELMONTE	NETHERLANDS	3	9	24/07	92	81	59	9	1.0	128	
	CASCADE	U.S.A.	9	8	24/07	253	194	66	8	1.1	142	
	COTTAGE (PRUINOSA)	FRANCE	3	8	19/07	2	6	25	8	.3	60	
	DAWSON	NETHERLANDS	8	8	23/07	124	173	53	8	.8	100	
	DIAMOND	NETHERLANDS	3	9	24/07	76	66	58	9	.7	100	
	ENCOTA	NETHERLANDS	6	8	21/07	157	256	49	8	.7	116	
	ERIKA	SWEDEN	8	8	24/07	191	267	57	8	.8	100	
	FAMOSA	BELGIUM	6	8	24/07	228	165	50	8	.8	133	
	FARAMIR	DENMARK	8	8	26/07	57	39	51	8	.4	50	
	FLEVO	NETHERLANDS	6	7	22/07	157	256	54	7	1.0	150	
	GOLFROOD	NETHERLANDS	3	9	20/07	70	73	41	9	.8	57	
	HALIFAX	NETHERLANDS	6	8	26/07	79	50	62	8	.6	66	
	HIGHLIGHT (TOPIE)	NETHERLANDS	9	8	20/07	166	229	45	8	.8	100	
	JAMESTOWN	U.S.A.	9	8	25/07	202	156	64	8	.7	100	
	KOKET	NETHERLANDS	6	8	22/07	239	389	54	8	.8	133	
	LIFALLA	GERMANY	6	8	22/07	192	312	48	8	.6	100	
	LINORA	GERMANY	9	8	21/07	110	107	49	8	.5	83	
	LIROUGE	GERMANY	6	8	21/07	209	340	50	8	.7	116	
	MENUET	NETHERLANDS	12	9	24/07	234	162	60	9	.8	114	
	OASE (OASIS) *	NETHERLANDS	21	8	22/07	114	100	54	8	.8	100	
	ODRA	GERMANY	12	8	24/07	291	201	67	8	1.1	142	
	RASENGOLD	GERMANY	6	8	26/07	262	425	62	8	1.1	166	
	ROLAX	BELGIUM	8	8	22/07	202	282	53	8	1.1	125	
	SCARLET	NETHERLANDS	3	9	24/07	141	123	67	9	.8	114	
	WALDORF	NETHERLANDS	12	8	25/07	243	168	54	8	.7	100	
FESCUE, CREEPING RED (FESTUCA RUBRA)												
	AGIO	NETHERLANDS	9	8	28/07	318	66	54	8	1.1	90	
	ARCTARED	U.S.A.	6	9	19/07	248	82	54	9	1.2	110	
	BARANTE	NETHERLANDS	3	9	28/07	35	22	45	9	.8	57	
	BARGENA	NETHERLANDS	11	8	26/07	187	43	53	8	1.4	118	
	BERGERE	FRANCE	11	8	26/07	236	54	56	8	1.1	90	
	BERGOND	DENMARK	9	8	27/07	142	43	62	8	1.1	100	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, CREEPING RED (FESTUCA RUBRA)												
	BLERE	FRANCE	12	8	27/07	219	44	63	8	.8	88	F.PRUINOSA
	BOREAL *	CANADA	24	8	27/07	422	100	59	8	1.1	100	
	BRASOV	ROMANIA	6	9	24/07	212	60	71	9	1.4	108	
	CARLAWN	CANADA	3	8	01/08	215	133	64	8	1.5	100	
	CHAUMONT	FRANCE	9	7	30/07	22	4	40	7	.3	37	
	CHECKER	U.S.A.	3	9	25/07	101	63	68	9	1.0	64	
	CHEVERY	FRANCE	6	8	26/07	155	41	55	8	.8	100	
	CHOMADE	FRANCE	3	9	28/07	123	76	59	9	1.1	71	
	DASAS	DENMARK	9	8	26/07	301	50	62	8	1.0	81	
	DURLAWN	CANADA	9	8	27/07	399	66	59	8	1.0	81	
	ECHO	DENMARK	11	8	26/07	341	78	61	8	1.4	118	
	ELCO	DENMARK	11	8	25/07	343	79	61	8	1.3	109	
	ELITE	DENMARK	6	8	27/07	331	58	66	8	1.0	75	
	ENGINA	NETHERLANDS	9	8	25/07	358	109	61	8	1.0	90	
	ENSYLVA	NETHERLANDS	6	9	24/07	143	40	58	9	.8	66	
	ENVIRA	NETHERLANDS	3	9	28/07	294	182	64	9	1.9	121	
	ENZET	NETHERLANDS	3	9	25/07	164	102	61	9	1.7	114	
	FRIDA	NETHERLANDS	6	8	27/07	137	39	58	8	.8	66	
	GRACIA (SCEEMPTER)	NETHERLANDS	11	8	26/07	151	34	50	8	1.0	81	
	GRAMPIAN	UNITED KINGDOM	9	8	24/07	71	21	56	8	.8	80	
	GRELO	DENMARK	3	8	28/07	40	25	58	9	1.3	85	
	JADE	NETHERLANDS	9	8	27/07	147	45	63	8	1.1	100	
	KOS	POLAND	9	8	27/07	311	65	52	8	1.0	81	
	LAVERDURE	FRANCE	9	8	26/07	154	47	61	8	.8	80	
	LEO	POLAND	9	8	25/07	224	46	54	8	.8	72	
	LEVOSCKA	CZECHOSLOVAKIA	6	8	23/07	204	68	51	8	1.3	120	
	LIEBENZIGER	GERMANY	12	8	26/07	377	72	56	8	.8	80	
	MARGA	NETHERLANDS	6	8	27/07	140	39	58	8	.8	66	
	MARIET	NETHERLANDS	6	8	28/07	183	52	56	8	1.0	75	
	MERLIN	UNITED KINGDOM	6	8	27/07	79	22	58	8	1.0	75	
	MONCORDE (VOLLENDAM)	NETHERLANDS	3	9	25/07	237	147	60	9	1.3	85	
	MONICA	NETHERLANDS	3	9	28/07	64	40	54	9	1.2	78	
	N.F.G. ROAMER	GERMANY	14	8	25/07	293	64	59	8	1.3	109	
	NORO	GERMANY	9	8	26/07	209	64	50	8	.7	70	
	NOVORUBRA	NETHERLANDS	14	8	26/07	248	51	56	8	.8	72	
	OBERHAUNSTADTER	GERMANY	11	8	26/07	304	70	61	8	1.3	109	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, CREEPING RED (FESTUCA RUBRA)												
	ODENROT	GERMANY	11	8	25/07	356	81	59	8	1.1	90	
	OLDS	CANADA	1	9	20/07	477	107	48	9	1.1	83	
	PATIO	NETHERLANDS	6	8	27/07	225	64	70	8	1.6	125	
	POLAR	SWEDEN	8	8	22/07	269	55	56	8	1.1	100	
	POLO	DENMARK	11	8	26/07	367	84	61	8	1.5	127	
	PUMA	DENMARK	3	9	25/07	152	94	61	9	1.0	64	
	RAPID	NETHERLANDS	11	8	26/07	498	114	58	8	1.1	90	
	REPTANS	SWEDEN	6	8	23/07	327	108	55	8	1.2	110	
	RODA	NETHERLANDS	9	8	28/07	168	35	56	8	.7	87	
	ROLAND 21	GERMANY	6	9	24/07	273	56	61	9	1.2	110	
	ROZNOVSKA	CZECHOSLOVAKIA	6	8	23/07	209	69	53	8	1.3	120	
	RUBIN	SWEDEN	11	8	27/07	274	63	59	8	1.3	109	
	RUBINA	DENMARK	9	8	27/07	333	69	59	8	1.2	100	
	RUBY	NETHERLANDS	3	9	22/07	79	25	42	9	1.2	100	
	RUDAX	BELGIUM	12	8	23/07	322	78	62	8	1.1	100	
	RUNO	POLAND	9	8	27/07	353	74	60	8	1.2	100	
	S-59	UNITED KINGDOM	3	9	18/07	51	16	43	9	1.3	109	
	SKOT	DENMARK	3	9	28/07	30	18	57	9	1.1	71	
	SONNET	NETHERLANDS	6	8	25/07	42	12	60	8	.8	66	
	STENSBALLE	DENMARK	9	8	28/07	359	59	63	8	1.0	81	
	SVALBARD	NORWAY	9	8	27/07	117	36	60	8	.7	70	
	TABORSKA	CZECHOSLOVAKIA	6	8	24/07	79	26	49	8	1.3	120	
	TACA	DENMARK	11	8	25/07	357	82	63	8	1.5	127	
	TURF	SWEDEN	14	8	27/07	353	94	63	8	1.4	108	
	VENI	DENMARK	3	9	28/07	190	118	65	9	1.3	85	
	WILTON	DENMARK	9	8	23/07	170	28	57	8	.8	72	
	WINTERGREEN	U.S.A.	9	8	22/07	239	50	48	8	.7	63	
FESCUE, HAIR (FESTUCA CAPILLATA INC. OVINA TENUIFOLIA)												
	CEBECO *	NETHERLANDS	9	7	20/07	41	100	21	7	.2	100	
	NOVINA	NETHERLANDS	3	8	19/07	97	228	30	8	.2	100	
	SIMA	POLAND	6	8	19/07	182	543	28	8	.3	300	
FESCUE, HARD (FESTUCA OVINA VAR. DURIUSCULA)												

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, HARD (FESTUCA OVINA VAR. DURIUSCULA)												
	AZAY	FRANCE	3	9	26/07	146	36	26	9	.4	40	
	BILJART *	NETHERLANDS	12	9	21/07	302	100	48	9	.8	100	
	CAROT	NETHERLANDS	8	9	21/07	431	143	49	9	1.1	125	
	CEBECO HZ 71-4	NETHERLANDS	4	9	19/07	227	74	48	9	.6	75	
	DURAR	U.S.A.	6	9	23/07	496	170	66	9	1.7	177	
	KOBOLD	NETHERLANDS	1	9	25/07	150	744	65	9	.4	100	
	MECKLENBURGISCHER	GERMANY	4	9	20/07	601	195	61	9	1.2	137	
	SEVO	BELGIUM	7	9	23/07	399	112	54	9	1.1	125	
FESCUE, MEADOW (FESTUCA PRATENSIS, FESTUCA ELATIOR)												
	"G"	HUNGARY	9	8	27/07	655	93	78	8	1.5	175	
	ADMIRA	NETHERLANDS	9	7	28/07	426	64	64	7	.8	80	
	AFU	NETHERLANDS	3	9	30/07	322	71	83	9	1.1	76	
	ARVA	DENMARK	6	8	29/07	306	60	81	8	1.6	115	
	ASTA	DENMARK	6	9	29/07	370	73	90	8	1.2	84	
	B-14	YUGOSLAVIA	9	8	28/07	716	109	78	8	1.3	120	
	BARBAROSSA (BARENZA)	NETHERLANDS	6	8	25/07	460	84	69	8	1.1	111	
	BARENBRUG PASTURE	NETHERLANDS	9	8	28/07	539	88	73	8	1.0	112	
	BARKAS	NETHERLANDS	12	8	28/07	436	73	77	8	1.1	100	
	BELIMO	NETHERLANDS	12	8	27/07	469	95	71	8	1.1	100	
	BERGAMO	NETHERLANDS	12	8	27/07	334	67	67	8	1.0	90	
	BORIS	SWEDEN	9	8	28/07	507	94	91	8	1.6	136	
	BOTTNIA II	SWEDEN	9	8	28/07	595	90	79	8	1.5	140	
	BUNDY	NETHERLANDS	9	8	28/07	599	91	73	8	1.1	100	
	COMTESSA (COMBI)	NETHERLANDS	9	8	28/07	657	100	75	8	.8	80	
	COSMOS II	GERMANY	11	8	27/07	393	77	73	8	1.1	100	
	DAPHNE	FRANCE	9	8	28/07	406	74	73	8	1.0	90	
	DINA	POLAND	6	8	25/07	263	68	69	8	.8	80	
	DUFA	NETHERLANDS	3	9	23/07	172	51	60	9	1.0	90	
	ENBELA	NETHERLANDS	9	8	28/07	512	78	71	8	1.0	90	
	ENSIGN	CANADA	6	8	29/07	575	113	92	8	1.4	100	
	ERIDAN	GERMANY	3	9	30/07	310	68	71	9	1.2	84	
	FEFRA	SWEDEN	9	8	28/07	636	96	76	8	1.2	110	
	FERO OTOFTE	DENMARK	9	8	28/07	492	74	75	8	1.3	120	
	FESTINA	NETHERLANDS	3	9	30/07	301	66	86	9	2.0	138	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, MEADOW (FESTUCA PRATENSIS, FESTUCA ELATIOR)												
	FIOLA	NETHERLANDS	9	8	28/07	610	92	74	8	1.3	120	
	GARANTA	NETHERLANDS	9	8	27/07	508	98	74	8	1.1	100	
	IRENE	SWEDEN	3	9	23/07	362	108	73	9	1.4	130	
	JANETZKI O.S.G.	GERMANY	9	8	28/07	668	101	75	8	1.4	130	
	JOMA DAEHNFELDT	DENMARK	6	8	29/07	412	81	88	8	1.9	130	
	LANDIS	U.S.A.	6	8	29/07	357	70	90	7	1.4	100	
	LARGO	NETHERLANDS	9	8	28/07	781	118	75	8	1.2	110	
	LEVOCSKA	CZECHOSLOVAKIA	6	8	25/07	348	91	72	8	1.1	100	
	LOKEN	NORWAY	11	8	27/07	367	72	78	8	1.2	110	
	MANA	DENMARK	6	8	29/07	426	84	80	8	1.5	107	
	MARBURY	UNITED KINGDOM	11	8	27/07	397	78	72	8	1.0	90	
	MEFON	CANADA	3	9	30/07	305	67	89	9	2.1	146	
	MERBEEN R.V.P.	BELGIUM	6	8	24/07	509	93	66	8	1.2	122	
	MEWA	POLAND	6	8	25/07	259	68	76	8	1.2	110	
	MIMER *	SWEDEN	24	8	27/07	543	100	76	8	1.1	100	
	MSU	NETHERLANDS	6	8	29/07	360	71	84	8	1.2	84	
	NAIADE	FRANCE	12	8	28/07	570	88	72	8	.8	88	
	OLA	POLAND	6	8	25/07	238	62	71	8	1.2	110	
	OTOFTE	DENMARK	9	8	28/07	642	97	78	8	1.3	120	
	PAAVO	FINLAND	14	8	28/07	430	86	80	8	1.4	118	
	PERDITA	UNITED KINGDOM	9	8	29/07	470	87	82	8	1.2	100	
	REGO TRIFOLIUM	DENMARK	9	9	28/07	568	106	83	9	1.3	109	
	ROSSA	NETHERLANDS	14	8	28/07	500	100	82	8	1.1	90	
	ROZNOVSKA	CZECHOSLOVAKIA	6	8	25/07	297	78	89	8	1.1	100	
	S.215	UNITED KINGDOM	9	8	28/07	656	99	74	8	1.2	110	
	S.53	UNITED KINGDOM	3	9	23/07	109	32	91	9	.7	70	
	SALTEN	NORWAY	3	9	30/07	340	75	85	9	1.7	123	
	SENA	SWEDEN	11	8	27/07	491	96	84	8	1.1	100	
	SENU	DENMARK	9	8	28/07	685	104	74	8	1.2	110	
	SEQUANA	FRANCE	3	9	23/07	271	80	104	9	1.1	100	
	SK-6 (CYKADA)	POLAND	6	8	25/07	309	80	84	8	1.2	110	
	TAMMISTO	FINLAND	9	8	28/07	592	90	79	8	1.5	140	
	TRADER	CANADA	6	8	25/07	250	65	92	8	1.1	100	
	TRIFOLIUM	DENMARK	9	8	28/07	702	106	75	8	1.2	110	
	VALTO	FINLAND	3	8	30/07	250	55	80	9	1.9	130	
	WEHRDAER KUNGIA	GERMANY	11	8	27/07	458	90	80	8	1.1	100	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, MEADOW (FESTUCA PRATENSIS, FESTUCA ELATIOR)												
	WENDELMOED	NETHERLANDS	14	8	28/07	291	58	79	8	1.3	109	
	WINGE	DENMARK	9	8	28/07	445	67	71	8	1.1	100	
FESCUE, SHADE (FESTUCA HETEROPHYLLA)												
	CHAMBORD *	FRANCE	6	6	29/07	94	100	57	6	.2	100	
	SAWA	POLAND	3	9	23/07	231	123	50	9	1.0	180	
FESCUE, SHEEP (FESTUCA OVINA)												
	"G"	HUNGARY	12	9	21/07	532	233	47	9	1.3	240	
	CHARMING	NETHERLANDS	6	8	24/07	207	166	48	8	1.1	166	
	FERTALIA *	BELGIUM	12	8	23/07	227	100	40	8	.5	100	
	RENOVA	NETHERLANDS	3	8	18/07	192	113	40	8	.7	140	
	VENDOME	FRANCE	7	9	19/07	507	173	46	9	1.0	180	(F.PSEUDOVINA)
FESCUE, TALL (FESTUCA ARUNDINACEA)												
	"G"	HUNGARY	12	8	31/07	311	95	82	8	1.2	157	
	ALTA *	U.S.A.	24	7	31/07	258	100	82	7	.6	100	
	ARONDE	NETHERLANDS	3	8	31/07	295	67	77	8	1.3	92	
	BACKAFALL	SWEDEN	11	7	29/07	207	106	90	7	.7	116	
	BARUNDI	NETHERLANDS	3	9	31/07	263	59	85	9	1.2	84	
	CLARINE	FRANCE	9	7	05/08	237	93	77	7	.7	100	
	DEMETER	AUSTRALIA	9	8	31/07	481	162	80	8	1.1	142	
	FAWN	U.S.A.	6	5	28/07	154	73	84	5	.4	80	
	FESTAL	NETHERLANDS	9	8	30/07	487	164	80	8	1.2	157	
	FESTIVAL	FRANCE	10	6	01/08	276	72	76	6	.5	62	
	FORTUNE	U.S.A.	6	3	13/08	183	35	65	3	.5	50	
	GOAR	U.S.A.	9	7	31/07	155	61	70	7	.5	71	
	HOKURYO	JAPAN	6	8	01/08	434	143	104	8	1.9	188	
	KENMONT	U.S.A.	9	8	29/07	415	140	87	8	1.2	157	
	KENTUCKY 31	U.S.A.	9	8	30/07	514	173	80	8	1.2	157	
	KENWELL	U.S.A.	9	8	29/07	357	120	79	8	1.1	142	
	LIRONDE	FRANCE	3	0	*	0		*	0	.0		
	LUDELLE	FRANCE	9	7	03/08	114	45	77	7	.7	100	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
FESCUE, TALL (FESTUCA ARUNDINACEA)												
	LUDION	FRANCE	9	8	01/08	300	101	76	8	1.0	128	
	MANADE	FRANCE	6	4	29/07	70	20	41	4	.4	40	
	MARIS JEBEL	UNITED KINGDOM	1	4	*	0		*	4	.0		
	MARIS KASBAH	UNITED KINGDOM	1	4	*	0		*	4	.0		
	MOTALL	NETHERLANDS	12	8	30/07	421	149	92	8	1.6	300	
	PASTUCA	NETHERLANDS	3	8	31/07	393	89	95	8	1.3	92	
	ROZELLE	UNITED KINGDOM	9	8	28/07	452	153	75	8	1.1	142	
	S.170	UNITED KINGDOM	9	7	30/07	239	135	75	7	.7	140	
	TALLMO	NETHERLANDS	3	8	31/07	252	57	80	8	.8	61	
	YAMANAMI	JAPAN	6	7	31/07	232	76	87	7	.8	88	
FOXTAIL, CREEPING (ALOPECURUS ARUNDINACEUS)												
	GARRISON *	CANADA	20	8	09/07	132	100	80	8	.8	100	
FOXTAIL, MEADOW (ALOPECURUS PRATENSIS)												
	DAN	POLAND	9	9	12/07	249	113	76	9	1.1	125	
	OREGON *	U.S.A.	21	9	11/07	230	100	79	9	1.2	100	
	POLANO	POLAND	9	9	12/07	157	71	78	9	.8	100	
	RHONA	GERMANY	9	9	13/07	187	85	76	9	.8	100	
HAIR GRASS, EARLY (AIRA PRAECOX)												
	SNARROT *		3	8	28/07	159	100	58	8	.3	100	
NEEDLEGRASS (STIPA VIRIDULA)												
	MANDAN *	U.S.A.	3	9	21/07	498	100	90	9	1.1	100	
OATGRASS, TALL (ARRHENATHERUM ELATIUS)												
	AREL 41	GERMANY	12	8	26/07	191	147	102	7	1.3	120	
	ARMO *	NETHERLANDS	15	8	25/07	140	100	96	8	1.0	100	
	BARRICADE	NETHERLANDS	9	7	20/07	144	74	87	7	.7	77	
	ODENWALDER	GERMANY	9	8	20/07	161	82	95	8	.8	88	

GRASSES			SEED YIELD						HERBAGE (DM) YIELD			
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
OATGRASS, TALL (ARRHENATHERUM ELATIUS)												
	ROMINESC	ROMANIA	6	8	31/07	245	429	110	8	1.2	122	
	TUALATIN	U.S.A.	9	8	20/07	226	116	103	7	.8	88	
OATGRASS, YELLOW (TRISETUM FLAVESCENS)												
	HOHENHEIMER	GERMANY	11	7	20/07	87	190	58	7	.4	80	
	TRISSETT 51 *	GERMANY	12	7	20/07	42	100	58	7	.5	100	
ORCHARDGRASS (DACTYLIS GLOMERATA)												
	ALLISON	CANADA	3	8	01/08	201	124	87	8	1.5	140	
	APANUI	NEW ZEALAND	4	6	*	0		60	5	.6	54	
	ARIES	FRANCE	4	5	*	0		55	5	.3	27	
	ASLA ROSKILDE	DENMARK	6	7	18/08	39	31	79	6	.7	77	
	BARAULA	NETHERLANDS	6	7	10/08	24	19	85	7	.8	88	
	BARNAUTA	NETHERLANDS	3	8	02/08	41	25	78	8	1.4	130	
	BERBER	AUSTRALIA	2	0	*	0		*	0	.0		
	BOONE	U.S.A.	6	8	08/08	47	37	82	8	1.4	144	
	BRAGE	SWEDEN	6	8	09/08	71	57	78	8	1.3	133	
	BRIGNOLES	AUSTRALIA	4	3	18/08	33	41	52	3	.3	27	
	CALDER	UNITED KINGDOM	1	1	*	0		*	1	.0		
	CAMBINA	UNITED KINGDOM	1	1	*	0		*	1	.0		
	CHANTEMILLE (MARCELLA)	FRANCE	4	6	23/08	5	6	65	6	.4	36	
	CHINOOK *	CANADA	18	8	30/07	129	100	71	8	.8	100	
	CURRIE	AUSTRALIA	2	0	*	0		*	0	.0		
	DAGOMA	NETHERLANDS	6	8	11/08	26	21	71	8	1.3	133	
	DAPRIME	FRANCE	4	5	10/08	29	35	65	4	.4	36	
	DAYTON	U.S.A.	3	8	01/08	94	57	90	8	1.3	120	
	DESTA	NETHERLANDS	4	6	06/08	68	83	76	5	.7	63	
	DOLCEA	NETHERLANDS	5	6	27/08	39	52	86	5	1.0	100	
	DORISE	NETHERLANDS	6	8	03/08	48	38	78	7	1.2	122	
	ELITE 99	DENMARK	6	7	24/08	33	27	77	7	1.0	100	
	FALA	POLAND	12	8	10/08	154	146	88	8	1.2	122	
	FENGA OTOFTE	DENMARK	6	7	20/08	58	46	86	7	1.1	111	
	FERDIA	IRELAND	5	4	25/08	7	10	61	4	.4	44	
	FLAXMERE	UNITED KINGDOM	5	5	25/08	7	10	53	4	.5	55	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
ORCHARDGRASS (DACTYLIS GLOMERATA)												
	FLOREAL	FRANCE	6	6	05/08	12	9	62	6	.5	55	
	FRODE	SWEDEN	6	7	11/08	59	47	69	7	.7	77	
	FRONTIER	JAPAN	3	8	08/08	87	53	92	8	1.3	120	
	HALLMARK	U.S.A.	4	6	06/08	42	33	83	6	1.0	100	
	HOLSTENKAMP	GERMANY	9	8	06/08	108	94	88	8	1.4	144	
	IRIS	GERMANY	6	7	09/08	47	37	75	7	.7	77	
	JUNO	CANADA	6	7	10/08	69	55	73	7	1.1	111	
	KALL	SWEDEN	6	7	05/08	91	73	80	6	1.0	100	
	KASBAH	AUSTRALIA	1	1	*	0		*	1	.0		
	KAY	CANADA	6	9	02/08	272	218	99	9	2.2	222	
	KITAMIDORI	JAPAN	6	8	08/08	69	55	83	8	1.0	100	
	LATAR	U.S.A.	6	9	03/08	234	188	99	9	1.9	188	
	LOTTO	NETHERLANDS	4	7	12/08	28	34	83	8	1.1	90	
	LUCIFER	FRANCE	4	5	*	0		60	4	.5	45	
	LUNA ROSKILDE	DENMARK	6	7	10/08	79	63	93	7	1.3	133	
	MAJESTIC	CANADA	6	8	03/08	276	222	100	8	1.9	188	
	MARTON VASARIA	CZECHOSLOVAKIA	11	8	03/08	95	86	84	8	1.1	111	
	MERITA	NETHERLANDS	6	8	14/08	97	78	84	8	1.2	122	
	MODAC	NETHERLANDS	3	8	05/08	19	11	80	7	1.0	90	
	MULLUS	DENMARK	5	6	10/08	14	19	91	6	.6	66	
	NAPIER	U.S.A.	6	8	09/08	96	77	91	7	.8	88	
	NORDSTERN	U.S.A.	6	9	02/08	260	209	96	9	1.9	188	
	NORTON	UNITED KINGDOM	5	5	28/08	8	11	80	4	.5	55	
	OBERWEIHST	GERMANY	6	8	09/08	70	56	85	7	1.2	122	
	PRAIRIAL	FRANCE	4	5	18/08	10	12	60	4	.4	36	
	PRIUS	FRANCE	4	5	25/08	6	8	77	5	.3	27	
	RANO TRIFOLIUM	DENMARK	6	7	09/08	52	42	82	7	1.0	100	
	RIDEAU	CANADA	6	8	06/08	117	94	94	8	1.4	144	
	ROZNOVSKY	CZECHOSLOVAKIA	9	8	31/07	94	84	79	8	1.2	122	
	S.143	UNITED KINGDOM	5	5	25/08	5	7	65	5	.3	33	
	S.26	UNITED KINGDOM	5	4	25/08	8	11	85	4	.4	44	
	S.345	UNITED KINGDOM	5	6	17/08	11	8	65	5	.5	45	
	S.37	UNITED KINGDOM	5	4	10/08	22	29	75	4	.3	33	
	SABORTO	UNITED KINGDOM	4	3	25/08	6	8	55	3	.4	36	
	SCOTIA	UNITED KINGDOM	6	7	09/08	38	30	81	6	.8	88	
	STERLING	U.S.A.	6	7	13/08	66	53	85	6	1.1	111	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
TIMOTHY (PHLEUM BERTOLONII, PHLEUM NODOSUM)												
	BARBINO	NETHERLANDS	3	9	25/08	231	122	80	9	1.0	75	
	EVERGREEN (NEW)	SWEDEN	12	8	25/08	246	164	59	8	1.1	125	
	EVERGREEN (OLD)	SWEDEN	15	8	22/08	344	275	67	8	1.5	200	
	HOLEA	GERMANY	9	8	27/08	122	87	56	8	.8	100	
	MATCH	NETHERLANDS	11	8	21/08	101	65	47	8	.4	50	
	MORTEL	NETHERLANDS	3	9	22/08	166	88	80	9	1.4	108	
	NOBIS	DENMARK	3	8	23/08	152	80	85	8	1.9	141	
	NODORA	GERMANY	3	9	28/08	218	115	85	9	1.3	100	
	PH1-10	NETHERLANDS	8	8	22/08	183	122	41	8	.6	85	
	PICCOLO	NETHERLANDS	3	8	25/08	161	85	90	8	1.4	108	
	RALI	GERMANY	3	9	22/08	221	117	70	9	1.5	116	
	S.50 *	UNITED KINGDOM	15	8	22/08	125	100	51	8	.7	100	
	SPORT	FRANCE	6	8	18/08	118	109	51	8	.8	114	
	TENO	DENMARK	3	8	23/08	123	65	65	8	1.1	83	
TIMOTHY (PHLEUM PRATENSE)												
	"G"	HUNGARY	9	8	12/08	441	110	86	8	1.9	89	
	"N"	FRANCE	12	8	13/08	472	98	90	8	1.7	76	
	"O"	FRANCE	12	8	17/08	430	89	90	8	2.0	85	
	AGRI	DENMARK	9	8	12/08	356	107	81	9	1.7	94	
	ASTRA	SWEDEN	3	9	10/08	131	71	62	9	1.0	81	
	B-10	YUGOSLAVIA	9	8	11/08	370	111	77	9	1.7	94	
	BARITON	NETHERLANDS	9	8	24/08	194	58	73	8	1.7	94	
	BARMERE	UNITED KINGDOM	9	8	10/08	358	107	80	8	1.6	88	
	BARMIDI	NETHERLANDS	3	9	20/08	262	50	80	9	2.4	100	
	BARMOTI	NETHERLANDS	12	8	10/08	452	153	75	8	1.7	106	
	BARVANTI	NETHERLANDS	3	9	01/09	144	27	60	9	1.5	63	
	BASHO	CANADA	6	8	13/08	421	82	98	8	2.1	95	
	BODIN	NORWAY	9	9	10/08	516	155	81	9	1.9	100	
	BOTTNIA II	SWEDEN	9	9	11/08	534	160	80	9	2.3	123	
	BOUNTY	CANADA	6	8	12/08	194	83	91	8	1.2	110	
	CASTELLA	NETHERLANDS	9	8	27/08	306	61	80	8	1.6	75	
	CHAMP	CANADA	6	8	10/08	180	77	86	8	1.3	120	
	CHAMPLAIN	NETHERLANDS	3	9	25/08	343	66	120	9	2.1	86	
	CLAIR	U.S.A.	3	9	09/08	305	59	110	9	1.9	77	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
TIMOTHY (PHLEUM PRATENSE)												
	CLIMAX *	CANADA	24	8	13/08	369	100	90	8	1.7	100	
	COMET	NETHERLANDS	9	8	28/08	198	59	71	8	1.9	100	
	DAENO	DENMARK	3	9	07/08	178	96	66	9	1.3	109	
	DEPLOY	UNITED KINGDOM	3	8	22/08	163	31	95	8	1.3	54	
	DOLEMA	GERMANY	9	8	06/09	254	51	80	8	1.9	85	
	DRUMMOND	CANADA	3	9	14/08	170	92	63	9	.7	63	
	ENGMO	NORWAY	3	9	14/08	492	95	100	9	2.9	118	
	ERECTA	BELGIUM	3	9	08/08	182	99	62	9	1.2	100	
	ESKIMO	NETHERLANDS	6	8	08/08	283	121	84	8	1.2	110	
	FAROL	NETHERLANDS	9	8	20/08	259	91	84	8	1.6	125	
	FLEMAR	NETHERLANDS	3	9	12/08	426	82	105	9	2.0	81	
	FOKA	POLAND	6	8	09/08	286	123	87	8	1.3	120	
	FORUS	NORWAY	9	8	10/08	433	130	79	8	1.9	100	
	GEM GLASNEVIN	IRELAND	11	8	14/08	252	91	85	8	1.3	100	
	GEORGIKON	HUNGARY	9	8	12/08	476	118	83	8	1.7	84	
	GOLIATH	NETHERLANDS	3	9	15/08	403	77	100	9	2.3	95	
	GRINDSTAD	NORWAY	9	8	10/08	431	129	81	8	2.0	105	
	GUSTO	NETHERLANDS	3	9	24/08	187	36	95	9	3.1	127	
	HEIDEMIJ	NETHERLANDS	3	9	18/08	191	104	53	9	.7	63	
	HEILBRINK	GERMANY	9	8	10/08	378	113	75	8	1.6	88	
	HERMA	NETHERLANDS	9	8	18/08	453	91	95	8	2.0	90	
	HOKUO	JAPAN	5	9	10/08	338	82	87	9	1.7	88	
	INTENSO	NETHERLANDS	3	9	20/08	104	56	54	9	1.1	90	
	ITASCA	SWEDEN	12	9	15/08	392	81	92	9	2.0	85	
	JACOBA (JACO)	NETHERLANDS	12	8	16/08	353	73	80	8	1.6	71	
	KAHU GRASSLANDS	NEW ZEALAND	11	8	13/08	218	78	86	8	1.0	75	
	KAMPE II (KAEMPE)	SWEDEN	3	9	07/08	148	81	61	9	1.2	100	
	KING	NETHERLANDS	3	9	20/08	105	57	55	9	.8	72	
	KIRSCHES LAUENAUER	GERMANY	9	8	10/08	366	110	78	8	1.6	88	
	KOR	POLAND	6	7	10/08	161	69	85	7	.8	80	
	KORPA	ICELAND	3	8	09/08	552	195	113	8	1.0	90	
	LANDSBERGER	GERMANY	11	8	11/08	296	107	84	8	1.1	83	
	LEVOCISKY	CZECHOSLOVAKIA	6	8	08/08	255	109	87	8	1.2	110	
	LISCHOWER	GERMANY	12	8	14/08	407	85	89	8	1.7	76	
	LOFAR	NETHERLANDS	3	9	14/08	116	63	62	9	.7	63	
	LORAIN	U.S.A.	3	9	12/08	198	107	67	9	1.2	100	

GRASSES			SEED YIELD					HERBAGE (DM) YIELD			
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S - DA/MO	DATE RIPE	KG/ HA	% OF STD	HT CM	H A N R E D S I S - TONS / HA	% OF STD	COMMENTS
TIMOTHY (PHLEUM PRATENSE)											
	MAHNDORFER	GERMANY	9	8	11/08	405	121	78	8	1.7	94
	MAINTENON	FRANCE	9	8	14/08	254	76	78	8	1.6	88
	MARCIA	NETHERLANDS	6	8	30/08	318	62	87	8	1.7	80
	MARIS POLKA	UNITED KINGDOM	9	8	17/08	454	91	92	8	2.2	100
	MARIS PURLIEU	UNITED KINGDOM	9	8	21/08	372	75	90	8	1.4	65
	MEGAS	NETHERLANDS	3	9	17/08	277	53	95	9	2.4	100
	MELUSINE	FRANCE	9	8	12/08	197	59	78	8	1.3	70
	MESON	NETHERLANDS	3	9	24/08	297	57	95	9	2.5	104
	MILTON	CANADA	9	8	12/08	368	91	86	8	1.9	89
	MINO	DENMARK	3	9	18/08	489	94	110	8	2.0	81
	MIRAGE	NETHERLANDS	12	8	21/08	384	80	87	8	1.7	76
	MOTIM	NETHERLANDS	3	9	22/08	441	85	100	9	2.0	81
	MOTTERWITZER	GERMANY	9	9	10/08	385	135	90	9	1.6	125
	MURRA	NETHERLANDS	12	8	14/08	273	57	89	8	1.4	61
	N.F.G.	GERMANY	9	8	10/08	434	152	89	8	1.4	108
	OAKMERE	UNITED KINGDOM	11	8	01/09	180	65	84	8	1.0	75
	OBERHAUNSTADTER	GERMANY	9	8	10/08	440	132	76	8	1.9	100
	ODENWALDER	GERMANY	3	9	07/08	122	66	65	9	1.1	90
	OLYMPIA (ENOLA)	NETHERLANDS	9	8	26/08	180	54	69	8	1.5	82
	OMNIA	SWEDEN	3	9	07/08	224	121	67	9	1.2	100
	PAJBJERG 75	DENMARK	9	8	17/08	316	63	88	8	2.2	100
	PALERMO	NETHERLANDS	3	8	23/08	138	26	60	8	.6	27
	PARA	POLAND	6	8	09/08	347	149	85	8	1.1	100
	PASTREMO	NETHERLANDS	12	8	30/08	201	55	71	8	1.7	88
	PECORA	FRANCE	3	9	13/08	184	100	60	9	.8	72
	PEDION	NETHERLANDS	3	9	26/08	325	62	100	9	2.1	86
	PERGO	DENMARK	3	9	10/08	105	57	60	9	1.1	90
	PET	GERMANY	3	9	12/08	618	119	100	9	2.8	113
	PHLEWIOLA	GERMANY	11	8	10/08	312	112	88	8	1.5	116
	RASANT	GERMANY	3	9	09/08	764	147	110	9	2.2	90
	REICHERSBERGER	AUSTRIA	9	8	11/08	350	105	83	8	1.9	100
	ROTENBERG	SWEDEN	9	9	12/08	473	142	82	9	2.1	111
	S. 352	UNITED KINGDOM	9	8	11/08	308	108	89	8	1.5	116
	S. 48	UNITED KINGDOM	3	8	22/08	138	75	54	8	.8	72
	S. 51	UNITED KINGDOM	3	9	12/08	148	81	61	9	.8	72
	SABRE	UNITED KINGDOM	3	9	29/08	351	67	100	9	1.7	72

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
TIMOTHY (PHLEUM PRATENSE)												
	SCOTIA	UNITED KINGDOM	11	8	14/08	287	104	85	8	1.1	83	
	SCOTS	UNITED KINGDOM	12	8	15/08	443	92	86	8	2.0	85	
	SENPOKU	JAPAN	9	8	13/08	384	95	82	8	1.6	78	
	SK-45 (EMMA)	POLAND	9	8	09/08	358	109	91	8	1.5	100	
	SPATHS	GERMANY	11	8	09/08	337	121	85	8	1.3	100	
	SUCEAVA	ROMANIA	6	8	10/08	412	80	88	8	1.9	85	
	SURPRISE	NETHERLANDS	3	9	18/08	244	47	80	9	2.1	86	
	T-48	SWEDEN	3	9	16/08	147	80	67	9	1.0	81	
	TACA TRIFOLIUM	NETHERLANDS	9	8	10/08	329	98	81	8	1.9	100	
	TAMMISTO	FINLAND	9	8	13/08	610	152	85	8	2.0	94	
	TAPIO 800	HUNGARY	9	8	12/08	509	127	86	8	1.9	89	
	TARMO	FINLAND	9	8	12/08	593	148	82	8	1.9	89	
	TEITH	UNITED KINGDOM	3	9	09/08	123	67	60	9	.8	72	
	TIMFOR	U.S.A.	3	9	11/08	489	94	115	9	1.7	72	
	TIMO	NETHERLANDS	6	8	15/08	166	71	66	8	.8	80	
	TIRAN	NETHERLANDS	9	8	20/08	193	58	72	8	1.9	100	
	TOPAS OTOFTE	DENMARK	9	8	10/08	454	136	85	9	2.1	111	
	TORO	ITALY	3	9	07/08	162	88	67	9	1.2	100	
	VALLO	SWEDEN	9	8	11/08	462	139	79	8	1.9	100	
	VANADIS	SWEDEN	3	9	07/08	231	126	68	9	1.3	109	
	VERDANT	U.S.A.	9	8	14/08	357	125	85	8	1.7	133	
	VETROVSKY	CZECHOSLOVAKIA	6	8	08/08	258	111	72	8	1.3	120	
	WINDA	NETHERLANDS	9	8	09/09	159	31	68	8	1.4	65	
WHEATGRASS, BEARDLESS (AGROPYRON INERME)												
	WHITMAR *	U.S.A.	9	8	14/08	137	81	75	8	.6	100	
WHEATGRASS, CRESTED (AGROPYRON CRISTATUM)												
	FAIRWAY *	CANADA	15	9	22/08	504	100	63	9	1.5	100	
	MUZLU	CZECHOSLOVAKIA	6	8	14/08	476	108	57	8	.8	57	
	PARKWAY	CANADA	9	9	24/08	738	135	75	9	1.7	114	
WHEATGRASS, CRESTED (AGROPYRON DESERTORUM)												

GRASSES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
WHEATGRASS, CRESTED (AGROPYRON DESERTORUM)												
	NORDAN *	U.S.A.	12	8	23/08	425	100	76	8	1.1	100	
WHEATGRASS, INTERMEDIATE (AGROPYRON INTERMEDIUM)												
	AMUR	U.S.A.	12	8	03/09	609	130	114	8	1.7	100	
	CHIEF *	CANADA	24	8	03/09	416	100	107	8	1.6	100	
	GREENAR	U.S.A.	12	9	02/09	300	65	110	9	1.7	94	
	SLATE	U.S.A.	12	8	03/09	434	94	111	8	1.7	94	
WHEATGRASS, PUBESCENT (AGROPYRON TRICHOPHORUM)												
	GREENLEAF *	CANADA	17	8	04/09	439	100	105	8	2.0	100	
	MANDAN	U.S.A.	8	9	03/09	332	78	105	9	1.5	93	
	TOPAR	U.S.A.	12	9	04/09	414	82	96	8	1.3	60	
WHEATGRASS, SLENDOR (AGROPYRONTRACHYCAULUM)												
	PRIMAR	U.S.A.	6	8	07/08	502	60	90	8	1.2	73	
	REVENUE *	CANADA	18	9	17/08	738	100	87	9	1.4	100	
WHEATGRASS, STREAMBANK (AGROPYRON RIPARIUM)												
	SODAR *	U.S.A.	14	9	07/08	122	100	66	9	.8	100	
WHEATGRASS, TALL (AGROPYRON ELONGATUM)												
	ORBIT *	CANADA	15	8	10/09	360	100	105	8	.7	100	
WILDRYE ALTAI (ELYMUS ANGUSTUS)												
	ALTAI *	U.S.S.R.	9	9	14/08	72	100	88	9	.8	100	
WILDRYE RUSSIAN (ELYMUS JUNCEUS)												
	MAYAK	CANADA	8	8	03/08	202	143	95	8	1.0	180	
	SAWKI *	CANADA	20	8	01/08	245	100	89	8	.8	100	

[illegible]

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
ALFALFA (MEDICAGO SATIVA L.)												
	ALFA	SWEDEN	3	9	14/09	30	60	44	9	1.1	71	
	ALFA II	SWEDEN	9	8	22/09	266	90	60	8	1.2	84	
	ALGONQUIN	CANADA	9	8	20/09	221	111	61	8	1.4	108	
	ANCHOR	U.S.A.	12	8	20/09	252	96	63	7	1.2	84	
	ANGUS	CANADA	9	8	20/09	187	93	63	8	1.3	100	
	ANIK	CANADA	3	8	18/09	215	109	60	8	1.0	90	
	APEX	SWEDEN	3	8	14/09	71	142	51	8	1.1	71	
	APOLLO	U.S.A.	3	7	18/09	174	89	67	6	1.3	120	
	ARAGON	SPAIN	2	5	*	0		70	5	.4	40	
	ATLAS	U.S.A.	3	7	18/09	76	38	65	4	.8	80	
	BANNER	U.S.A.	3	5	18/09	31	16	80	5	.6	60	
	BEAVER *	CANADA	24	8	21/09	206	100	62	8	1.4	100	
	BOREAL	FRANCE	12	7	19/09	117	47	60	7	1.1	76	
	CANCREEP	AUSTRALIA	4	7	20/09	63	41	51	7	.7	63	
	CARDINAL	FRANCE	12	7	19/09	213	86	65	7	1.2	84	
	CHARTA	GERMANY	9	8	22/09	243	82	58	8	1.2	84	
	CITATION	U.S.A.	3	7	18/09	98	50	75	6	.7	70	
	DAWSON	U.S.A.	12	8	19/09	150	60	66	7	1.3	92	
	DEKALB STRAIN	U.S.A.	6	8	20/09	68	80	47	8	1.3	85	
	DRYLANDER	CANADA	12	8	19/09	324	131	66	7	1.3	92	
	ELGA	FRANCE	12	8	19/09	227	91	65	8	1.3	92	
	EUROPE	FRANCE	3	9	14/09	54	108	48	9	1.1	71	
	EYNSFORD	UNITED KINGDOM	9	8	21/09	375	131	66	8	1.4	92	
	F.D. 100 (FLORIMOND)	FRANCE	3	8	14/09	44	88	49	8	1.0	64	
	FAME	U.S.A.	2	5	*	0		95	5	.6	60	
	FELU	GERMANY	12	8	19/09	286	115	62	8	1.3	92	
	FRANCKS LANGMEILER	GERMANY	12	8	19/09	292	118	64	7	1.2	84	
	GARISENDA	ITALY	8	8	21/09	95	62	67	8	1.2	91	
	GEMINI	FRANCE	11	7	19/09	170	77	70	8	1.2	84	
	GLACIER	FRANCE	12	8	19/09	260	105	68	8	1.4	100	
	GRIMM (CANADIAN STOCK)	CANADA	9	8	20/09	255	128	60	8	1.3	100	
	GRIMM (USA STOCK)	U.S.A.	3	8	18/09	127	65	70	7	1.1	100	
	H.652	ROMANIA	6	8	20/09	85	100	49	8	1.0	64	
	HODONINSKA	CZECHOSLOVAKIA	6	7	16/09	19	22	53	7	1.0	64	
	HYBRIDE MILFEUIL	FRANCE	12	7	19/09	202	81	67	7	1.2	84	
	ISIS	DENMARK	12	8	20/09	314	120	64	8	1.3	92	

LEGUMES			SEED YIELD						HERBAGE (DM) YIELD			
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
ALFALFA (MEDICAGO SATIVA L.)												
	JOKIOINEN	FINLAND	12	8	20/09	384	146	63	8	1.1	76	
	KISVARDAI	CZECHOSLOVAKIA	11	8	24/09	125	74	62	8	1.1	76	
	KLESZOZEWSKA	POLAND	6	8	16/09	31	36	45	8	.8	57	
	LADAK (CANADIAN STOCK)	CANADA	5	9	17/09	114	91	62	8	1.2	91	
	LADAK (USA STOCK)	U.S.A.	3	8	18/09	213	109	60	8	1.3	120	
	LUCIFER	ROMANIA	3	6	18/09	62	32	67	4	.5	50	
	LUCIOLE	FRANCE	12	8	19/09	170	68	64	7	1.1	76	
	LUNA	GERMANY	12	8	19/09	291	117	64	7	1.4	100	
	LUXIN	ROMANIA	3	6	18/09	64	33	65	4	1.0	90	
	M. SYNALFA	HUNGARY	12	8	19/09	105	42	62	7	1.2	84	
	MAGALI	FRANCE	8	7	21/09	103	67	61	7	.8	66	
	MARIS KABUL	UNITED KINGDOM	2	5	*	0		90	4	.6	60	
	MARIS KESTRE	UNITED KINGDOM	11	7	19/09	201	92	65	7	1.1	76	
	MARIS PHOENIX	UNITED KINGDOM	12	8	21/09	241	91	59	8	1.3	92	
	MARTON VASARIA	CZECHOSLOVAKIA	11	7	23/09	64	38	57	7	1.1	76	
	MARUSINSKAJA 425	U.S.S.R.	12	8	19/09	269	109	61	8	1.5	107	
	MEGA	SWEDEN	12	8	19/09	329	133	61	8	1.2	84	
	MIECHOWSKA	POLAND	6	8	16/09	20	23	45	8	.8	57	
	MIREILLE	FRANCE	2	5	*	0		95	5	.6	60	
	MITTELDEUTSCHE RIMPAU	GERMANY	12	7	19/09	318	128	66	7	1.3	92	
	NAGYSZENASI	CZECHOSLOVAKIA	11	7	23/09	78	46	60	7	1.0	69	
	NETUN	SWEDEN	3	8	18/09	265	135	62	8	1.2	110	
	NITRANKA	CZECHOSLOVAKIA	6	8	20/09	76	89	54	8	1.4	92	
	NUGGET	U.S.A.	3	6	18/09	110	56	60	6	.7	70	
	OLYMPIC	U.S.A.	2	6	*	0		90	5	.6	60	
	ORCA	FRANCE	12	8	19/09	183	74	67	8	1.2	84	
	OVARI	CZECHOSLOVAKIA	11	7	23/09	110	65	59	7	1.2	84	
	PARAVIVO	AUSTRALIA	2	5	*	0		80	4	.3	30	
	POLDER	FRANCE	5	7	20/09	86	67	71	7	1.2	110	
	PREROVSKA	CZECHOSLOVAKIA	6	8	20/09	79	93	52	8	1.3	85	
	PRIMA	FRANCE	11	8	19/09	118	54	65	8	1.2	84	
	RAMBLER	CANADA	9	8	18/09	188	128	56	8	1.6	115	
	RESIS	DENMARK	3	7	18/09	101	52	72	5	.7	70	
	ROAMER	CANADA	14	8	23/09	189	108	59	7	1.4	100	
	SABILT	UNITED KINGDOM	2	7	*	0		100	5	.7	70	
	SLOVENSKA PODUNAJSKA	CZECHOSLOVAKIA	6	7	20/09	72	85	51	7	1.1	71	

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S - DA/MO	DATE RIPE	KG/ HA	% OF STD	HT CM	H A N R E D S I S - TONS / HA	% OF STD	COMMENTS	
ALFALFA (MEDICAGO SATIVA L.)												
	SLOVENSKA TREBISOVSKA	CZECHOSLOVAKIA	6	8	20/09	94	110	48	8	1.1	71	
	SVERRE	SWEDEN	3	5	18/09	79	40	70	6	1.0	90	
	TALENT	U.S.A.	12	7	22/09	51	19	52	7	.8	57	
	TAPIOSZELEI 1	HUNGARY	12	8	19/09	194	78	67	7	1.3	92	
	TAPLANI	HUNGARY	12	8	19/09	236	95	68	7	1.4	100	
	TITAN	U.S.A.	12	8	19/09	309	124	67	8	1.9	130	
	TRIESDORFER LUZERNE	GERMANY	9	8	19/09	286	108	65	8	1.4	92	
	TUNA	SWEDEN	9	8	22/09	235	80	56	8	1.3	92	
	VANGARDE	U.S.A.	3	5	18/09	79	40	67	3	.5	50	
	VERTUS	SWEDEN	12	8	19/09	219	88	62	8	1.2	84	
	VOJTESKA KASTICKA	CZECHOSLOVAKIA	6	7	16/09	61	72	53	7	1.0	64	
	VOJTESKA MORAVSKA	CZECHOSLOVAKIA	6	7	20/09	84	98	46	7	1.2	78	
	VOJTESKA STUPICKA	CZECHOSLOVAKIA	6	7	20/09	66	77	46	7	1.2	78	
	VOULZIE	FRANCE	6	7	19/09	80	40	61	6	1.1	111	
	WAROTTE	FRANCE	11	8	19/09	198	90	68	8	1.3	92	
	WL 210	U.S.A.	9	7	26/09	87	43	55	7	1.2	84	
	WL 215	U.S.A.	9	8	26/09	141	69	57	8	1.3	92	
	WL 217	U.S.A.	9	8	22/09	232	79	65	8	1.3	92	
	WL 305	U.S.A.	9	8	26/09	67	33	61	8	1.5	107	
	WL 306	U.S.A.	9	7	26/09	94	46	56	7	1.3	92	
	WL 308	U.S.A.	9	8	22/09	190	64	64	8	1.4	100	
	520	U.S.A.	3	7	18/09	135	69	62	6	.7	70	
	521	U.S.A.	3	7	18/09	179	91	65	6	1.1	100	
	522	U.S.A.	12	8	19/09	268	108	63	7	1.3	92	
	525	U.S.A.	12	8	19/09	243	98	63	7	1.2	84	
CLOVER, ALSIKE (TRIFOLIUM HYBRIDUM L.)												
	ALDAN TRIFOLIUM	DENMARK	5	8	05/09	305	133	49	8	1.4	118	DIPLOID
	ALPO	NORWAY	2	5	09/09	110	66	60	5	.6	54	TETRAPLOID
	AURORA *	CANADA	22	6	28/08	220	100	39	7	.8	100	DIPLOID
	BIRKA	SWEDEN	11	7	29/08	297	127	39	7	.8	80	DIPLOID
	DAWN	CANADA	11	7	02/09	256	104	45	7	1.3	120	DIPLOID
	ERMO OTOFTE	DENMARK	11	7	01/09	198	80	42	7	.8	80	DIPLOID
	EUTETRA	GERMANY	11	7	29/08	208	88	42	7	1.1	100	TETRAPLOID
	HOGSTA	SWEDEN	2	7	01/09	324	194	57	7	2.1	172	

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, ALSIKE (TRIFOLIUM HYBRIDUM L.)												
	ISO 4N	FINLAND	9	8	28/08	197	84	37	8	1.2	122	TETRAPLOID
	JENO DAEHNFELDT	DENMARK	11	7	02/09	197	80	39	8	1.3	120	DIPLOID
	KURIR	SWEDEN	3	8	19/08	163	72	28	8	.4	133	DIPLOID
	META OTOFTE	DENMARK	9	7	01/09	150	56	42	7	1.4	130	
	META OTOFTE	DENMARK	2	6	01/09	229	137	67	8	2.2	181	TETRAPLOID
	ODENWALDER	GERMANY	11	6	24/08	234	124	36	6	.8	100	DIPLOID
	ODERSKY	CZECHOSLOVAKIA	5	5	30/08	126	67	25	5	.6	60	DIPLOID
	OTOFTE	DENMARK	11	6	24/08	249	132	36	6	1.0	112	DIPLOID
	OTOFTE 4N	DENMARK	14	7	28/08	238	109	44	7	1.2	137	TETRAPLOID
	STENA 4N	SWEDEN	2	7	01/09	292	175	57	9	1.6	136	TETRAPLOID
	STRAIN 11	CANADA	10	6	26/08	293	140	35	6	.8	114	DIPLOID
	SVEA	SWEDEN	2	4	10/08	51	66	20	4	.1	33	DIPLOID
	TABORSKY	CZECHOSLOVAKIA	8	6	26/08	225	128	39	6	.7	100	DIPLOID
	TETRA (HYTRA)	SWEDEN	13	7	26/08	203	87	40	7	1.2	157	TETRAPLOID
CLOVER, ARROWLEAF (TRIFOLIUM VESICULOSUM SAVI)												
	AMCLO	U.S.A.	5	0	25/09	0		35	0	.0	*	
	L68-9-071	U.S.A.	5	0	25/09	10	42	35	0	.0	*	
	MEECHEE *	U.S.A.	5	0	25/09	23	100	35	0	.0	*	
CLOVER, RED (TRIFOLIUM PRATENSE L.)												
	ALTASWEDE *	CANADA	23	7	05/09	318	100	57	7	1.4	100	DIPLOID S.C.
	ARLINGTON	U.S.A.	6	6	19/09	135	57	50	6	.7	53	DIPLOID
	ASTRA	UNITED KINGDOM	2	3	12/09	36	15	100	3	1.1	76	
	ATTILA	NETHERLANDS	11	6	10/09	201	58	47	6	.7	43	DIPLOID D.C.
	BARFIOLA	NETHERLANDS	11	6	04/09	104	28	52	6	.8	53	TETRAPLOID D.C.
	BJURSELE	SWEDEN	5	8	24/08	263	68	38	8	1.0	69	DIPLOID S.C.
	BOMBI	SWEDEN	11	7	11/09	290	85	51	8	1.2	68	DIPLOID
	BORA PAJBJERG	DENMARK	10	6	30/08	350	99	54	6	1.6	115	DIPLOID
	BRITTA	SWEDEN	11	7	05/09	304	84	53	7	1.6	93	DIPLOID
	CELTIC	FRANCE	11	5	08/09	58	17	52	5	.6	37	DIPLOID
	CESKY KRAJOVYLX	CZECHOSLOVAKIA	8	5	07/09	249	80	49	5	.7	50	DIPLOID S.C.
	CHANGINS	SWITZERLAND	13	6	08/09	175	46	44	6	.6	37	DIPLOID S.C.
	CHESAPEAKE	U.S.A.	11	6	13/09	175	51	46	5	.8	50	DIPLOID

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, RED (TRIFOLIUM PRATENSE L.)												
	CHLUMECKY	CZECHOSLOVAKIA	8	6	02/09	264	71	52	6	1.0	56	DIPLOID S.C.
	CORONA OTOFTE	DENMARK	11	7	09/09	341	98	52	7	1.5	87	DIPLOID
	COTSWOLD	UNITED KINGDOM	11	4	06/09	225	62	50	4	.7	43	DIPLOID
	DIVINA	SWEDEN	11	7	04/09	360	99	47	7	1.4	81	DIPLOID
	DOLLARD	CANADA	12	6	10/09	154	48	51	6	1.1	66	DIPLOID
	DURO	DENMARK	5	7	15/09	134	50	63	7	1.2	73	DIPLOID
	ELBO (ANGELITER)	DENMARK	11	7	05/09	302	83	50	7	1.6	93	DIPLOID
	EMERSON	U.S.A.	11	6	08/09	172	50	46	6	1.1	62	DIPLOID
	ESSI II	SWEDEN	10	6	28/08	235	65	45	6	.6	40	DIPLOID
	FETZERS KITZINGER	GERMANY	2	4	12/09	97	39	70	4	.7	53	DIPLOID S.C.
	FLAMAND	FRANCE	10	5	07/09	174	50	52	5	.7	43	DIPLOID
	GLORIA	POLAND	7	5	22/08	235	72	46	5	.4	30	DIPLOID S.C.
	GRANTA	UNITED KINGDOM	2	4	12/09	174	70	75	4	.8	61	
	GRONINGER	NETHERLANDS	11	6	10/09	203	58	49	6	1.0	56	DIPLOID
	GUMPENSTEINER	AUSTRIA	2	5	12/09	115	46	70	5	1.3	92	
	HAMIDORI	JAPAN	8	4	30/08	157	55	58	4	1.0	75	DIPLOID D.C.
	HAMIDORI 4N	JAPAN	2	5	12/09	90	36	80	7	1.4	100	
	HEGES HOHENHEIMER	GERMANY	4	5	25/08	103	31	57	5	.5	38	DIPLOID D.C.
	HERA 4N	DENMARK	11	5	09/09	168	52	62	6	1.4	92	TETRAPLOID
	HERMES	SWEDEN	11	7	06/09	341	94	52	8	1.3	75	DIPLOID
	HG 1102	SWEDEN	14	7	04/09	263	81	47	7	1.2	78	DIPLOID
	HOLEHO	CZECHOSLOVAKIA	2	0	*	0		*	0	.0		DIPLOID
	HOLY	CZECHOSLOVAKIA	11	5	29/08	329	89	49	5	1.0	60	DIPLOID D.C.
	HUNGARAPOLI	HUNGARY	3	5	20/08	108	39	58	5	.3	37	TETRAPLOID D.C.
	ISELLA	ITALY	7	3	24/08	151	40	48	3	.4	25	DIPLOID
	JICINSKY	CZECHOSLOVAKIA	9	5	01/09	188	57	47	5	.7	50	DIPLOID S.C.
	JOKIOINEN	FINLAND	9	8	08/09	229	60	44	8	1.3	75	DIPLOID
	KRANO	DENMARK	12	7	09/09	257	81	54	7	1.4	86	DIPLOID
	KUHN	NETHERLANDS	10	5	11/09	175	52	41	5	.8	50	DIPLOID D.C.
	LAKELAND	U.S.A.	10	6	23/08	231	65	48	6	1.0	69	DIPLOID D.C.
	LEISI	SWITZERLAND	11	7	30/08	165	45	43	7	1.1	62	DIPLOID
	LERO	GERMANY	11	6	11/09	159	46	45	6	.8	50	DIPLOID
	LEVEZOU	FRANCE	2	4	12/09	0		*	4	.0		DIPLOID
	LONGEVO	ITALY	7	5	23/08	101	27	45	5	.3	18	DIPLOID
	LUCRUM	GERMANY	11	7	01/09	243	67	41	7	1.2	68	DIPLOID
	LUTEA	GERMANY	11	7	08/09	198	57	47	6	1.0	56	DIPLOID

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, RED (TRIFOLIUM PRATENSE L.)												
	MARCOM	FRANCE	5	6	15/09	153	57	60	6	1.1	66	DIPLOID
	MARIS GEMINI	UNITED KINGDOM	5	6	20/09	94	35	51	6	1.0	60	DIPLOID
	MARIS LEDA	UNITED KINGDOM	10	5	06/09	142	40	52	5	.8	50	TETRAPLOID
	MARIS NEMAR	UNITED KINGDOM	11	6	07/09	259	76	47	6	1.0	56	DIPLOID
	MEKRA (N.F.G.)	GERMANY	10	6	29/08	166	41	42	6	.7	43	DIPLOID D.C.
	MERKUR	SWEDEN	2	5	12/09	97	39	100	5	1.2	84	
	MOLSTAD	NORWAY	2	9	27/08	333	80	51	9	1.5	107	DIPLOID S.C.
	MONT-CALME	SWITZERLAND	2	5	12/09	112	45	70	5	1.6	115	
	NAVA TRIFOLIUM	DENMARK	5	6	16/09	110	41	68	6	1.1	66	DIPLOID
	NORLAC	CANADA	6	7	11/09	284	120	59	7	1.7	123	DIPLOID
	NORSEMAN	UNITED KINGDOM	5	5	28/09	48	17	46	5	.7	46	DIPLOID
	ODENWALDER	GERMANY	8	6	31/08	193	48	37	6	.8	50	DIPLOID D.C.
	OLVI OTOFTE	DENMARK	2	6	09/09	66	26	90	6	.7	53	
	ORBIT	U.S.A.	13	5	10/09	141	42	43	5	1.0	60	DIPLOID
	OSTSAAT-TREU	GERMANY	10	6	30/08	333	82	43	6	1.1	62	DIPLOID D.C.
	OTOFTE EARLY	DENMARK	8	6	04/09	358	96	47	6	1.4	81	DIPLOID
	OTOFTE HALF LATE	DENMARK	11	7	03/09	358	99	51	7	1.6	93	DIPLOID
	OTOFTE 4N	DENMARK	11	7	06/09	217	60	53	7	1.5	87	TETRAPLOID
	OTTAWA	CANADA	15	6	30/08	168	48	44	6	1.0	60	DIPLOID D.C.
	OTTAWA TETRA	CANADA	11	7	12/09	84	24	44	7	1.1	62	TETRAPLOID
	PALES	FRANCE	11	6	11/09	209	61	41	6	1.1	62	DIPLOID
	PELLY 4N	SWEDEN	11	7	10/09	213	63	54	7	1.2	68	
	PERENA	ROMANIA	2	5	09/09	82	33	85	5	1.3	92	
	PODTATRANSKA E	CZECHOSLOVAKIA	9	5	02/09	267	78	46	5	.7	46	DIPLOID
	POLLY FLAM		2	5	12/09	38	15	85	5	.6	46	TETRAPLOID
	POLLY 4N	SWEDEN	11	7	13/09	163	47	55	6	.8	50	TETRAPLOID
	PREROVSKY DVONSECNY	CZECHOSLOVAKIA	8	6	02/09	156	50	40	6	.6	42	DIPLOID D.C.
	PRIMUS	BELGIUM	11	6	29/08	204	56	43	6	.7	43	DIPLOID
	PUMA	POLAND	11	6	11/09	212	62	45	6	.8	50	DIPLOID
	REA	SWEDEN	16	7	10/09	204	59	59	7	1.4	92	TETRAPLOID S.C
	REDHEAD	GERMANY	2	4	09/09	0		80	4	.7	53	
	REDLAND	U.S.A.	2	5	12/09	82	33	85	5	1.0	69	
	REICHERSBERGER	AUSTRIA	11	6	29/08	197	54	46	6	.5	31	DIPLOID
	REKO	SWEDEN	11	8	06/09	241	66	51	8	1.2	68	DIPLOID
	REMY	GERMANY	9	7	29/08	236	62	40	7	1.0	56	DIPLOID
	RENOVA	SWITZERLAND	11	6	31/08	165	44	46	6	.8	53	DIPLOID D.C.

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, RED (TRIFOLIUM PRATENSE L.)												
	RESIDENT OTOFTE	DENMARK	11	7	05/09	330	91	50	7	1.4	81	DIPLOID
	RESISTENTIA (WEIRISTENTA)	SWEDEN	2	8	27/08	389	93	47	8	1.5	107	DIPLOID
	ROBINA	NETHERLANDS	11	6	30/08	209	53	45	6	1.0	60	DIPLOID S.C.
	ROBUSTA	BELGIUM	11	6	11/09	170	50	43	6	1.0	56	DIPLOID
	RONDA	DENMARK	11	7	08/09	285	82	45	7	1.2	68	DIPLOID
	ROTRA RVP	BELGIUM	8	5	03/09	120	32	48	5	.7	43	TETRAPLOID
	S.123	UNITED KINGDOM	5	5	16/09	135	50	50	5	.6	40	DIPLOID
	S.151	UNITED KINGDOM	10	5	08/09	232	65	48	5	.5	31	DIPLOID
	SABTORON	UNITED KINGDOM	10	5	02/09	228	64	47	5	.6	37	DIPLOID
	SALLY 4N	SWEDEN	3	6	01/09	176	94	60	6	1.0	100	
	SAPPORO	JAPAN	1	3	*	0		*	3	.0		DIPLOID D.C.
	SCHNYDER	SWITZERLAND	11	6	01/09	268	72	48	6	1.1	66	DIPLOID D.C.
	SILO	SWEDEN	11	7	08/09	291	83	55	7	1.0	56	DIPLOID
	SKULTUNA	SWEDEN	11	8	07/09	221	61	54	8	1.3	75	DIPLOID
	SORBY-OKNA	SWEDEN	11	7	09/09	224	61	54	7	1.1	62	DIPLOID
	TAMMISTO	FINLAND	2	9	27/08	423	101	49	9	1.3	92	DIPLOID S.C.
	TAPIOI	HUNGARY	11	6	12/09	114	33	45	6	.8	50	TETRAPLOID
	TEMARA 4N	SWITZERLAND	2	6	12/09	28	11	70	7	1.2	84	
	TENDA TRIFOLIUM	DENMARK	11	7	07/09	343	95	52	7	1.2	68	DIPLOID
	TEROBA	NETHERLANDS	8	7	31/08	85	21	46	7	.8	50	DIPLOID S.C.
	TETRI	NETHERLANDS	11	5	04/09	108	33	49	5	.5	38	TETRAPLOID D.C
	TITUS 71	GERMANY	11	6	10/09	201	58	43	6	.6	37	DIPLOID
	TRANSILVANIA	ROMANIA	9	5	01/09	197	57	47	5	.7	46	DIPLOID S.C.
	TREBICKSKY E	CZECHOSLOVAKIA	9	6	02/09	244	71	47	6	.8	53	DIPLOID S.C.
	TRIEL	FRANCE	11	5	11/09	183	54	46	6	.8	50	DIPLOID
	TRIPO	NORWAY	3	9	02/09	276	99	50	9	1.4	162	TETRAPLOID S.C
	TROVER	U.S.A.	10	6	07/09	239	69	55	6	1.4	86	DIPLOID
	ULVA	SWEDEN	3	6	05/09	104	55	70	6	.8	88	TETRAPLOID S.C
	VAGGE	SWEDEN	11	7	08/09	260	72	49	8	1.2	68	DIPLOID
	VALENTE	ITALY	9	5	09/09	169	49	44	5	.5	29	DIPLOID
	VIGLASSLA	CZECHOSLOVAKIA	8	4	24/08	150	48	45	4	.3	21	DIPLOID D.C
	VIOLA	POLAND	12	6	02/09	265	76	53	6	.7	50	DIPLOID D.C
	VIOLETTA R.V.P. (ATELO)	BELGIUM	11	5	31/08	243	67	48	5	.8	50	DIPLOID
CLOVER, WHITE (TRIFOLIUM REPENS L.)												

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, WHITE (TRIFOLIUM REPENS L.)												
	ARIA	NETHERLANDS	4	8	28/08	168	114	24	8	.3	50	
	ARMADA	NETHERLANDS	15	8	26/08	147	112	17	8	.3	75	
	BARBIAN	NETHERLANDS	9	8	21/08	116	64	13	8	.1	33	
	BETA	SWEDEN	9	8	21/08	179	99	14	8	.3	100	
	BLANCA R.V.P. (TRIBLA)	BELGIUM	12	7	26/08	88	75	16	7	.3	100	
	CRAU	FRANCE	9	8	22/08	94	52	18	8	.2	66	
	CULTURA	NETHERLANDS	15	8	25/08	128	98	16	8	.3	75	
	DAENO	DENMARK	12	8	23/08	169	117	17	8	.3	100	
	FRIES-GRONINGER	NETHERLANDS	6	4	31/08	68	190	18	4	.1	33	
	HAIFA	AUSTRALIA	1	9	13/09	87	243	35	9	.7	70	
	HUIA GRASSLANDS	NEW ZEALAND	9	8	22/08	63	35	14	8	.2	66	
	IRRIGATION	AUSTRALIA	4	6	17/09	16	68	23	5	.2	25	
	KENT WILD	UNITED KINGDOM	9	8	21/08	136	75	12	8	.2	66	
	KIVI	SWEDEN	14	8	25/08	107	76	13	8	.2	50	
	LADINO GIGANTE LODIGIANO	ITALY	10	7	20/09	31	34	20	6	.4	66	
	LADINO L. ESPANSO	ITALY	11	6	07/09	63	38	19	6	.2	50	
	LENA	SWEDEN	9	8	21/08	118	65	14	8	.2	66	
	LODI OTOFTE	DENMARK	9	8	22/08	191	106	17	8	.3	100	
	LOUISIANA S1	U.S.A.	6	4	29/08	40	22	15	4	.1	33	
	LUCKY	U.S.A.	1	9	13/09	5	15	50	9	2.1	190	
	MEGA	DENMARK	10	7	06/09	103	112	20	7	.5	83	
	MERIT	U.S.A.	9	8	09/09	60	41	15	8	.3	75	
	MILKA PAJBJERG	DENMARK	12	7	22/08	142	98	15	7	.2	66	
	MILKANOVA PAJBJERG	DENMARK	9	8	21/08	109	60	14	8	.3	100	
	MIRA OTOFTE	DENMARK	9	8	22/08	141	78	17	8	.3	100	
	N.F.G. GIGANT	GERMANY	15	7	26/08	122	93	17	7	.3	75	
	NORA *	SWEDEN	22	7	29/08	98	100	17	7	.3	75	
	OLIVEN	UNITED KINGDOM	1	9	13/09	23	65	40	9	1.2	110	
	OTOFTE	DENMARK	9	8	28/08	137	94	16	8	.3	75	
	OVCAK	CZECHOSLOVAKIA	6	4	25/08	52	146	11	4	.2	66	
	PERTINA	NETHERLANDS	12	8	26/08	162	105	17	8	.3	75	
	PILGRIM	U.S.A.	1	0	*	0	*	*	0	.0	*	
	PITAU GRASSLANDS	NEW ZEALAND	1	9	13/09	24	68	35	9	.8	80	
	PODKOWA	POLAND	6	5	27/08	62	175	12	5	.4	133	
	PRONITRO	NETHERLANDS	4	7	17/09	13	54	30	7	.4	50	
	REGAL	U.S.A.	9	7	16/09	26	40	25	7	.7	116	

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
CLOVER, WHITE (TRIFOLIUM REPENS L.)												
	RETOR	NETHERLANDS	9	8	22/08	150	83	17	8	.2	66	
	S.100	UNITED KINGDOM	9	8	21/08	64	36	11	8	.1	33	
	S.184	UNITED KINGDOM	9	8	21/08	89	49	10	8	.1	33	
	SABEDA	UNITED KINGDOM	4	8	25/08	61	41	19	8	.2	33	
	SKULTUNA	SWEDEN	9	8	21/08	119	66	14	8	.2	66	
	SMALBLADET PAJBJERG	DENMARK	9	8	19/08	132	73	13	8	.2	66	
	SONJA	SWEDEN	10	8	04/09	88	96	21	8	.6	100	
	STEINACHER WEISSKLEE	GERMANY	7	7	24/08	89	89	17	7	.4	100	
	SVOLDER	SWEDEN	1	9	13/09	35	100	40	9	.5	50	
	SZARVASI 4	HUNGARY	9	7	03/09	61	42	18	7	.3	75	
	TAMAR	ISRAEL	7	4	02/09	77	48	16	4	.1	25	
	TOHOKU 1	JAPAN	9	8	06/09	79	54	17	7	.4	100	
	TREGOR	FRANCE	12	7	20/08	75	51	12	7	.1	33	
	TREVISE	FRANCE	15	7	26/08	89	68	16	7	.3	75	
	UNDROM	SWEDEN	1	9	13/09	35	100	40	9	.5	50	
	VACCARES	FRANCE	12	7	30/08	87	74	13	7	.2	66	
	VIGLASSBA	CZECHOSLOVAKIA	6	4	25/08	72	203	12	4	.2	66	
	VON KAMEKES	GERMANY	15	7	25/08	142	108	14	7	.3	75	
	WILD ENGELSK OTOFTE	DENMARK	9	8	30/08	134	92	15	8	.3	75	
	WILKLA	NETHERLANDS	9	8	22/08	125	69	14	8	.1	33	
SAINFOIN (ONOBRYCHIS VICIAEFOLIA)												
	BUSCIANSKY	CZECHOSLOVAKIA	1	9	04/08	250	23	80	9	1.0	37	
	COTSWOLD COMMON	UNITED KINGDOM	10	7	17/08	275	42	50	7	.7	53	
	ENGLISH GIANT	UNITED KINGDOM	3	3	30/08	142	17	50	3	.2	11	
	ESKI	U.S.A.	3	8	13/08	288	59	58	8	.4	50	
	FAKIR	FRANCE	7	7	16/08	283	43	62	7	.4	33	
	I.C.A. 6	ROMANIA	6	6	18/08	555	74	78	6	1.4	76	
	KAMPOLTI	HUNGARY	10	7	15/08	254	38	62	7	.8	61	
	KRASNODAR	U.S.S.R.	7	8	14/08	544	75	72	8	1.7	106	
	LUNIQUE (LUNIC)	FRANCE	4	8	13/08	446	71	72	8	1.2	91	
	MATRA	HUNGARY	7	8	22/08	400	55	67	8	1.4	86	
	MELROSE *	CANADA	12	8	14/08	704	100	69	8	1.4	100	
	OCTO	ROMANIA	4	7	15/08	288	37	81	7	1.2	61	
	PERSKA (POLA)	POLAND	7	7	15/08	361	49	55	7	.8	53	

LEGUMES			SEED YIELD					HERBAGE (DM) YIELD				
SPECIES	CULTIVAR	ORIGIN	DATA YRS	H A N R E D S I S -	DATE RIPE DA/MO	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD	COMMENTS
SAINFOIN (ONOBRYCHIS VICIAEFOLIA)												
	SPARTA	ROMANIA	1	9	15/08	378	35	100	9	3.3	125	
TREFOIL, BIRDSFOOT (LOTUS CORNICULATUS L.)												
	DIANA	POLAND	11	7	28/08	319	94	45	7	1.9	121	
	GLAUKA	GERMANY	9	7	20/08	156	40	35	7	.8	66	
	HOKI	GERMANY	2	4	09/09	0		60	4	.0		
	LEO *	CANADA	23	7	21/08	379	100	47	7	1.2	100	
	LOT	POLAND	11	5	24/08	235	69	42	5	1.3	85	
	MAITLAND	CANADA	12	6	19/08	355	88	40	6	1.2	100	
	MALEJOVSKY	CZECHOSLOVAKIA	11	6	20/08	284	70	45	6	1.1	83	
	ODENWALDER	GERMANY	9	7	14/08	334	85	38	8	1.0	90	
	ORSEGI	HUNGARY	9	7	19/08	219	56	35	7	1.3	100	
	OTOFTE	DENMARK	9	7	20/08	256	66	34	7	1.3	100	
	ROSKILDE	DENMARK	9	7	20/08	256	66	37	8	1.2	91	
	TABORSKY	CZECHOSLOVAKIA	11	6	19/08	322	79	40	6	.8	66	
	TREBICKSKY E	CZECHOSLOVAKIA	6	5	18/08	374	79	49	5	.7	77	
	VIGLASSKY	CZECHOSLOVAKIA	6	6	16/08	280	59	38	6	.8	88	
VETCH, CROWN (CORONILLA VARIA L.)												
	CHEMUNG *	U.S.A.	7	7	27/09	15	100	37	7	.4	100	
	EMERALD	U.S.A.	4	7	30/09	24	91	40	7	.4	100	
	PENNGIFT	U.S.A.	4	6	30/09	15	58	28	6	.2	50	
VETCH, MILK (ASTRAGALUS CICER L.)												
	OXLEY *	CANADA	6	8	16/09	165	100	28	8	.5	100	
	WYOMING CICER	NETHERLANDS	6	8	16/09	180	108	31	8	.6	120	