

Forage Introductions
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Northern Research Group
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FORAGE INTRODUCTIONS

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FOREWORD

This is our seventh report on the performance of introduced cultivars of grasses and legumes. All data collected in the past 10 years are included.

Data are obtained from single plots comprising 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.

Key to Symbols

* following cultivar name indicates standards (std) for comparison
Rating 1 to 9 (9 best), - (not rated)

cm - centimeters (1 inch = 2.54 cm)
kg/ha - kilograms per hectare
lb/acre - pounds per acre

D.C. = double cut
S.C. = single cut
Tetra = tetraploid
Dip. = diploid

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G R A S S E S

SPECIES	CULTIVAR	ORIGIN	SEED					YIELD		HERBAGE (DM) YIELD				COMMENTS
			DATA YRS	H A N R E D S I S -	DATE RIPE	KG/ HA	% OF STD	HT CM	H A N R E D S I S -	TONS / HA	% OF STD			

BENTGRASS, COLONIAL (AGROSTIS TENUIIS)														
	BORAL	SWEDEN	6	6	08/08	169	296	40	6	.5	166			
	EXETER *	CANADA	12	6	06/08	75	100	33	6	.3	100			
	GOGINAN	UNITED KINGDOM	1	4	*	0	*	*	4	.0	*			
	URRICA	NETHERLANDS	6	6	03/08	67	59	27	6	.2	66			
	PARYS MOUNTAIN	UNITED KINGDOM	1	5	*	0	*	*	5	.0	*			
	SABOVAL	UNITED KINGDOM	6	8	02/08	114	121	33	8	.3	100			
	HUTVERK	ICELAND	8	7	04/08	114	139	36	7	.2	66			
	VARMLANDSK	SWEDEN	3	5	14/08	133	425	41	5	.4	133			
BENTGRASS, CREEPING (AGROSTIS PALUSTRIS)														
	PEUNCRUSS *	U.S.A.	14	6	05/08	51	100	39	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	11	8	05/08	387	100	52	8	.7	100			
BLUEGRASS, KENTUCKY (POA PRATENSIS)														
	ADELPHI	U.S.A.	1	7	23/07	15	12	35	7	.1	20			
	ALTRA C1	U.S.A.	6	9	20/07	244	127	39	9	1.1	90			
	AQUILA	NETHEPLANDS	1	8	23/07	89	73	40	8	.4	80			
	ARINA DASAS	DENMARK	1	8	14/07	146	120	60	9	.8	160			
	ARISTA	NETHERLANDS	3	9	19/07	528	216	41	9	.7	58			
	ATLAS	SWEDEN	3	9	16/07	293	120	81	9	1.7	133			
	BARKENTA	NETHERLANDS	3	8	26/07	255	104	48	8	.7	58			
	BARON	NETHERLANDS	3	9	24/07	596	244	38	9	.8	66			
	BARONES	NETHERLANDS	1	6	23/07	38	31	45	6	.1	20			
	BARONIE	NETHERLANDS	1	7	23/07	69	56	40	7	.1	20			
	BIRKA	SWEDEN	1	8	23/07	17	14	40	8	.2	40			
	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	1	7	23/07	73	60	35	7	.2	40			
	COUGAR	U.S.A.	3	9	24/07	227	178	33	9	.7	77			

G R A S S E S

SPECIES	CULTIVAR	ORIGIN	SEED YIELD					HERBAGE (DM) YIELD				COMMENTS
			DATA YRS	H A N R E D S I S	DATE RIPE	KG/ HA	% OF STD	HT CM	H A N R E D S I S	TONS / HA	% OF STD	

BLUEGRASS, KENTUCKY (POA PRATENSIS)												
	DELFT	NETHERLANDS	3	8	17/07	430	176	51	8	.8	66	
	DRYLAND	CANADA	6	9	20/07	69	36	44	9	.6	54	
	E.F.	DENMARK	3	9	18/07	211	86	60	9	1.5	116	
	EAGLE	NETHERLANDS	6	8	20/07	171	74	39	8	.5	62	
	ENSEMA	NETHERLANDS	1	9	14/07	406	333	65	8	.8	160	
	ENTENSA	NETHERLANDS	1	5	23/07	12	10	55	5	.4	80	
	FYLKING	U.S.A.	3	9	23/07	73	57	31	9	.8	88	
	GOLF (CHERI)	SWEDEN	3	9	21/07	486	199	38	9	.7	58	
	KAHNSTEIN	DENMARK	3	9	17/07	583	238	60	9	1.0	75	
	KARCAGI	HUNGARY	6	8	19/07	123	53	62	8	.6	75	
	KENBLUE	U.S.A.	6	8	17/07	333	144	65	8	1.0	112	
	MERION	U.S.A.	9	8	22/07	208	82	46	8	.7	63	
	MERVEL	BELGIUM	2	9	15/07	207	276	60	9	.5	71	
	MONOPOLY	NETHERLANDS	6	8	26/07	272	117	51	8	.6	75	
	NORMA OTOFTE	DENMARK	3	9	17/07	564	231	60	9	1.4	108	
	NUGGEL	U.S.A.	6	9	23/07	168	87	28	9	.5	45	
	OLYMPRISP	GERMANY	3	9	22/07	432	177	50	9	1.0	75	
	OTOFTE	DENMARK	3	9	17/07	469	192	61	9	1.1	83	
	PARADE	NETHERLANDS	1	6	23/07	208	170	40	6	.2	40	
	PARK *	U.S.A.	15	8	19/07	193	100	52	8	1.1	100	
	PRATO	NETHERLANDS	6	9	21/07	260	136	30	9	.7	63	
	PRIMO	SWEDEN	3	9	21/07	299	122	53	9	1.1	83	
	SK-46 (FSKA)	GERMANY	6	9	19/07	211	167	52	9	1.2	100	
	SOBRA	SWEDEN	3	9	20/07	384	157	55	9	1.4	108	
	SOMA HUNSRALLE	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	
	STENSRALLE	DENMARK	3	9	17/07	402	164	61	9	1.3	100	
	STOLA 310	GERMANY	6	8	20/07	151	65	59	8	.7	87	
	SYDSPORT	SWEDEN	3	8	20/07	355	145	61	8	.8	66	
	T-NO.34	DENMARK	3	9	15/07	174	139	49	9	1.3	100	
	TRANSILVANIA	ROMANIA	1	8	23/07	68	55	65	8	.6	120	
	TROY	U.S.A.	6	8	19/07	220	95	60	8	.6	75	
	UNION	GERMANY	3	9	21/07	368	150	68	9	1.4	108	
	WINDSOR	U.S.A.	3	9	21/07	390	160	56	9	1.2	91	

BLUEGRASS, ROUGH (POA TRIVIALIS)

DASAS *	DENMARK	1	9	14/07	212	100	45	9	.8	100
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SPECIES	CULTIVAR	ORIGIN	SEED YIELD					HERBAGE (DM) YIELD				COMMENTS
			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 -	TUNS / HA	% OF STD	
BLUEGRASS, UPLAND (POA GLAUCANTHA)												
	DRAYLAR *	POLAND	9	9	07/08	249	100	38	9	.7	100	
BROMEGRASS (BROMUS INERMIS)												
	"G"	HUNGARY	8	9	13/08	446	60	94	9	1.6	125	
	"ZK"	CZECHOSLOVAKIA	6	9	10/08	347	101	97	9	1.5	82	
	ANTO	POLAND	6	9	10/08	314	92	83	9	1.7	94	
	BARAGAN	ROMANIA	1	8	11/08	477	72	95	8	1.4	162	
	BARTON	U.S.A.	3	8	13/08	556	80	93	8	1.2	137	
	BAYLOR	U.S.A.	9	9	13/08	488	71	94	9	1.4	92	
	BEACON	POLAND	4	8	05/08	523	96	92	8	1.1	111	
	BLAIR	U.S.A.	9	9	13/08	455	66	95	9	1.5	100	
	CARLTON *	CANADA	27	8	13/08	585	100	87	8	1.6	100	
	DEBORAH	UNITED KINGDOM	3	5	25/08	295	42	50	5	.0		
	FRIGGA	SWEDEN	9	9	13/08	572	77	95	9	1.5	100	
	LANCASTER	U.S.A.	9	9	13/08	560	76	92	9	1.5	100	
	LANDRACE	U.S.A.	8	9	13/08	445	59	96	8	1.6	125	
	LINCOLN	U.S.A.	6	8	12/08	721	104	97	8	2.0	163	
	MAGNA	CANADA	12	9	12/08	826	141	99	9	1.9	121	
	MANCHAR	U.S.A.	12	9	12/08	388	87	87	9	1.7	100	
	POLAR	U.S.A.	15	9	12/08	467	98	89	9	1.6	93	
	REDPATCH	CANADA	12	8	11/08	309	59	94	8	1.9	106	
	REGAR	U.S.A.	8	9	01/08	481	64	94	9	1.6	125	
	SAC	U.S.A.	9	9	11/08	250	58	91	9	1.6	88	
	SARATOGA	U.S.A.	3	9	13/08	284	47	94	9	1.2	64	
DOGSTAIL, CRESTED (CYNOSURUS CRISTATUS)												
	CREDU SCEMPSTER *	NETHERLANDS	4	3	01/08	53	100	45	3	.0	*	
	SWM	NEW ZEALAND	4	3	01/08	78	145	42	3	.1	*	
FESCUE, CHEWINGS (FESTUCA PURRA VAR. COMMUTATA)												
	AMBOISE	FRANCE	6	8	22/07	167	109	48	8	.5	83	
	ATLANTA	NETHERLANDS	3	8	22/07	176	113	43	8	.3	50	
	BARFALLA	NETHERLANDS	9	8	22/07	125	157	49	8	.8	88	
	CASCADE	U.S.A.	6	8	24/07	288	209	64	8	1.1	166	
	COTTAGE (PRUINOSA)	FRANCE	3	8	19/07	2	6	25	8	.3	60	
	DAWSON	NETHERLANDS	9	8	23/07	133	167	52	8	.8	88	
	ENCOTA	NETHERLANDS	6	8	21/07	157	256	49	8	.7	116	