

Forage Introductions

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## FORAGE INTRODUCTIONS

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## FOREWORD

This is our fourth report on the performance of introduced cultivars of grasses and legumes. All available data are included thus this report replaces Publications NRG 69-16, 70-16 and 71-16.

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

Ratings 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

## INDEX

GRASSES	Page	GRASSES	Page	GRASSES	Page
Bentgrass - (A. gigantea)	3	Foxtail - Creeping	10	Wheatgrass - Crested	15
-Colonial	3	- Meadow	10	- Intermediate	15
-Creeping	3	Oatgrass - Tall	10	- Pubescent	15
Bluegrass - Canada	3	- Yellow	10	- Slender	15
-Kentucky	3	Orchardgrass	10	- Streambank	16
-Upland	4	Redtop	11	- Tall	16
Bromegrass	5	Reed Canarygrass	11	LEGUMES	
Fescue - Chewings	5	Russian wildrye	11	Alfalfa	17
-Creeping red	6	Altai wild ryegrass	11	Clover - Alsike	18
-Meadow	7	Ryegrass - Annual & Biennial	11	- Red	18
-Hard	9	- Perennial	12	- White	21
-Hair	9	Timothy - (P. bertolonii, P. nodosum)	13	- Zig-Zag	22
-Sheep	9	- (P. pratense)	13	Sainfoin	23
-Tall	9			Trefoil	23

## GRASSES

Species	Cultivar	Origin	Hardi- ness (rating)	Herbage Yield	Seed Ripe da.,mo.	Data Years	Seed Yields				Ht. cm	Comments
							lb/acre avg	kg/ha high	lb/acre avg	kg/ha high		
<b>Bentgrass (Agrostis gigantea)</b>												
	N.F.G.	Germany	8	1	15/8	3	136	214	152	240	35	
<b>Bentgrass - Colonial (A. tenuis)</b>												
	Astoria	U.S.A.	8	4	15/8	5	55	101	62	113	-	
	Boral	Sweden	8	4	15/8	8	132	288	148	323	20	
	Exeter	Canada	6	2	15/8	3	42	54	47	60	21	
	Highland	U.S.A.	7	3	15/8	5	44	73	49	82	-	
	Saboval	Gt.Britain	9	1	28/7	1	2	2	2	2	25	
	Utverk	Iceland	8	1	10/8	3	85	203	95	227	23	
	Varmlandsk	Sweden	8	4	15/8	6	139	250	156	280	20	
<b>Bentgrass - Creeping (A. palustris)</b>												
	Penncross	U.S.A.	6	1	15/8	6	29	91	32	102	14	
	S-4979	Canada	8	1	15/8	9	74	130	83	146	12	
	Seaside	U.S.A.	8	5	15/8	7	63	132	71	148	-	
<b>Bluegrass - Canada (Poa compressa)</b>												
	Canon	Canada	9	3	10/8	5	268	461	300	516	52	
	Common	Canada	9	4	30/7	5	122	242	137	271	-	
<b>Bluegrass - Kentucky (P. pratensis)</b>												
	Adorno	Netherlands	9	3	20/7	4	105	197	118	221	50	
	Altra Cl	U.S.A.	9	4	20/7	10	204	528	229	592	43	
	Apoll 3l	Denmark	9	3	20/7	2	161	309	180	346	62	
	Arista	Netherlands	9	3	26/7	2	250	491	280	550	35	
	Atlas	Sweden	9	4	20/7	3	288	516	323	578	80	
	Barkenta	Netherlands	9	3	26/7	2	246	471	276	528	37	
	Baron	"	9	3	2/8	2	423	836	474	936	40	
	Campus	Germany	9	3	2/8	2	105	208	118	233	42	
	Captan	Netherlands	9	3	24/7	2	366	701	410	785	50	
	Common	Canada	9	5	20/7	25	115	587	129	658	53	
	Cougar	U.S.A.	9	3	22/7	8	245	733	274	821	30	

Species	Cultivar	Origin	Hardi- ness Herbage Yield (rating)	Seed Ripe da., mo.	Data Years	Seed Yields				Ht. cm	Comments	
						lb/acre avg	kg/ha high	kg/ha avg	kg/ha high			
	Dasas	Denmark	9	3	20/7	2	191	373	214	418	55	
	Delft	Netherlands	9	3	2/8	2	79	148	88	166	42	
	Delta	Canada	9	6	24/7	6	170	561	191	629	58	
	Dryland	Canada	9	3	20/7	6	63	133	71	149	45	
	E.F.S. 64	Denmark	9	3	22/7	2	220	430	246	482	55	
	Fylking	U.S.A.	9	3	20/7	8	69	274	77	307	35	
	Golf	Sweden	9	3	28/7	2	435	816	487	914	40	
	Hg. 7217	Denmark	9	5	28/8	1	1005	1005	1126	1126	55	
	Hg. 7222	"	9	1	1/8	1	48	48	54	54	40	
	Kahnstein	"	9	3	20/7	2	210	412	235	461	60	
	Merion	U.S.A.	9	3	24/7	27	93	265	104	297	38	
	Mervel	Belgium	9	3	24/7	3	161	345	180	386	55	
	Monopoly	Netherlands	9	3	28/7	2	110	208	123	233	52	
	Newport	U.S.A.	9	5	30/7	7	105	246	118	276	51	
	Norma Otofte	Denmark	9	3	20/7	2	221	430	248	482	55	
	Nugget	U.S.A.	9	3	24/7	9	139	240	155	269	30	
	Olymprisp	Germany	9	3	2/8	2	287	542	321	607	47	
	Otofte	Denmark	9	3	20/7	2	213	407	239	456	53	
	Park	U.S.A.	9	6	24/7	18	115	448	129	502	52	
	Prato	Netherlands	9	3	22/7	10	205	461	230	517	30	
	Primo	Sweden	9	4	20/7	3	275	491	308	550	60	
	SK-46	Poland	9	4	20/7	9	162	357	181	400	51	
	Sobra	Sweden	9	2	20/7	2	141	252	158	282	50	
	Soma Hunsballe	Denmark	9	3	24/7	3	227	468	254	524	55	
	Spaths Hohenheimer	Germany	9	2	27/7	2	169	329	189	368	45	
	Stensballe	Denmark	9	3	22/7	2	170	331	190	371	60	
	Sydsport	Sweden	9	4	20/7	3	249	459	279	514	65	
	T-No. 34	Denmark	9	5	16/7	3	156	235	175	263	49	
	Windsor	U.S.A.	9	2	22/7	2	125	240	140	269	47	
Bluegrass - Upland ( <i>P. glaucantha</i> )												
	Draylar	U.S.A.	9	3	15/8	8	164	252	184	282	40	