



Forage Research in Texas

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Department of Soil and Crop Sciences

RV-0010

Project: H 1899
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THE EVALUATION OF RYEGRASS CULTIVARS
AND EXPERIMENTAL MATERIALS

OBJECTIVE:

To determine the yield of ryegrass cultivars and experimental materials compared with Gulf as a standard.

PROCEDURE:

Plots were planted on Norwood fine sandy loam on September 28, 1978, 5 12-inch rows, 20 feet long, 3-foot alleys between replications, 6 replications, harvested 3 x 17 feet. Fertilized with 50-50-50 prior to planting (Sept. 27) and 60-0-0 on March 8, 1979. Plots were harvested with flail mower on March 7, March 29 and May 15.

RESULTS:

Florida 1977B and Georgia Reseeding produced more winter (early) growth than the other entries. Tetrone, Meritra and North Miss. Reseeding appeared to be later than most entries, producing from 400 to 1,000 pounds more forage at the final harvest than other entries. All entries except GW-13, GW-14 and GW-15 produced as much or more total forage than Gulf.

Forage production of ryegrass varieties,
University Farm, Burleson County

Variety	Pounds dry forage per acre			
	3/7	3/29	5/15	Total
Gulf	348	1688	2402	4438
Magnolia	274	2015	3117	5406
Common	509	2027	3149	5685
Tx-0-R-78-2	578	1886	2651	5115
Tx-0-R-78-3	421	1760	2582	4763
Fla 1977B	1064	1969	2471	5504
Georgia Reseeding	1064	2348	2138	5550
Tetrone	317	1744	3610	5671
Billion	222	1253	2889	4364
Tx-0-R-78-1	565	1792	2629	4986
Meritra (R-0019)	402	1784	3767	5953
Sunbelt	575	1595	2427	4597
North Miss Reseeding	243	1440	3435	5118
GW-13	0	572	1851	2423
GW-14	20	911	2207	3138
GW-15	0	0	0	0