

Kansas State University
Agricultural Experiment Station
Manhattan, Kansas

and

United States Department of Agriculture
Soil Conservation Service
Plant Sciences Division
Washington, D. C.

and

United States Department of Agriculture
Agricultural Research Service
Plant Science Research Division
Beltsville, Maryland

Notice of the Release of a Variety of Sand Lovegrass

Name: Bend sand lovegrass, Eragrostis trichodes (Nutt.) Wood.

Origin: Seed collections from natural stands in the Arkansas and Cimarron river basins in southcentral Kansas and northcentral Oklahoma.

Selection and Breeding: Two cycles of selection for vigor and persistence on unirrigated sandy soils. Over 200 superior plants tracing to 11 original accessions composited to produce final strain. Tested as Kansas Experimental Strain 3.

Description: A perennial bunchgrass similar in general appearance to local wild strains in southcentral Kansas. In tests at Manhattan and St. John, Kansas it has been vigorous and has compared favorably with other strains in production of dry matter. 'Bend' is uniform in maturity, is a good seed producer, establishes well, and, at Manhattan, Kansas, is relatively free of disease.

Conservation Use or Potential: For use in grass seeding mixtures for grazing and stabilization on sandy soils. Adapted primarily to the Arkansas River basin of southcentral Kansas and adjacent areas of northcentral Oklahoma.

Availability of Seed: Foundation seed is available at the SCS Plant Materials Center, Manhattan, Kansas.

Royd W. Smith
Director
Kansas Agricultural Experiment Station

10/19/71
Date

D.M. Whitt
Director
Plant Sciences Division, SCS
U. S. Department of Agriculture

11/15/71
Date

Heas O. Graumann
Director
Plant Science Research Division, ARS
U. S. Department of Agriculture

11/5/71
Date

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