L-2123
December 1984

Haskell
Sideoats Grama

A long-season native, rhizomatous sideoats selection

- *High-quality grass for range or pasture uses*
- *Adapted to Centraland South Texas*
- *Helps control erosion on surface-mined areas*

The Texas Agricultural Experiment Station
Neville P. Clarke, Director
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College Station, Texas

In cooperation with the U.S. Department of Agriculture-Soil Conservation Service and USDA-Agricultural Research Service

Haskell

Sideoats Grama

'Haskell' sideoats grama (*Bouteloua curtipendula* [Michx.] Torr.) was released by the Soil Conservation Service in cooperation with the USDA Agricultural Research Service and the Texas Agricultural Experiment Station. The original collection was made near the town of Haskell, Texas, by Soil Consewation Service personnel.

Description

Plants are 2 to 2% feet tall, with green to blue-green leaves. The seed head is a slender, arrowlike stalk 1 to 1½ feet tall and spikelets are formed on one side. Plants are rhizomatous and provide good ground cover. Seed harvest averages about 1 month later than the 'El Reno' variety. There are about 579,000 seed per pound.

Adaptation

Haskell has proved to **be** better adapted and to have greater, stronger and longer rhizomes than other available commercial types in Texas. The full range of adaptability outside Texas has not been determined, but, in Texas, it appears to be best adapted (for range and pasture mixes) on areas receiving 18 inches or greater natural rainfall. Haskell is well adapted to Central and South Texas where other commercial types fail to establish or decrease in productivity after a few years.

Uses

Haskell can be used in pure stands for pasture and/or hay or in range seeding mixtures for grazing. It has also shown excellent adaptability for revegetation of reclaimed surface-mined lands, and in other sites where water concentration is a problem.

Establishment

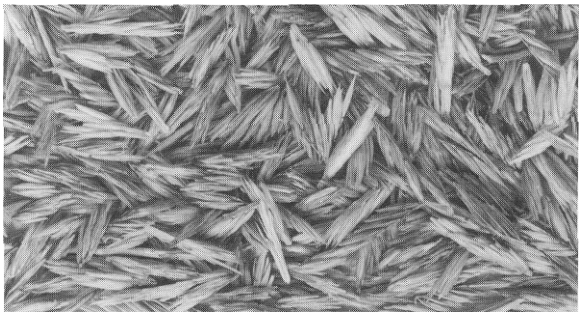
Seed at 5 to 5½ pounds per acre pure live seed in a pure stand. Reduce rate according to percent of sideoats in planting mixture. A clean, firm, weed-free seedbed should be prepared. Nitrogen, phosphorus, and potassium should be applied as needed to bring fertility to a medium level.

Seed Production

Seed production fields should be planted in the spring at a depth of ¼ to ½ inch in 32- to 40-inch rows. Seed mature in mid-July and again near the end of October at the Soil Conservation Service Plant Materials Center at Knox City and are easy to harvest; they may be direct-combined or swathed and combined. Seed yield at the Center averaged 256 pounds per acre over a 14-year period.

Foundation Seed

Foundation seed is available to growers from the Foundation Seed Service, Texas Agricultural Experiment Station, College Station, Texas 77843.



Closeup of **seed,** 'Haskell' sideoatsgrama

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