Nancy K. Jensen and Rachel H. Bergsagel USDA-NRCS Plant Materials Center 3308 University Drive Bismarck, ND 58504 http://Plant-Materials.nrcs.usda.gov



n spring or fal

Collections are propagated in the senhouse before planting to the fie

> aracteristics including fora production, winter hardines erance, size, form, and col

ease field is planted at the Plan

The Big Bluestem Story

Developing a big bluestem release

Remnants of dying pra

Collection

Propagation and Assembly

Evaluation and Selection

Name and Release

Seed Increase and Production

Use

NE SA

Name A population is selected after rigorous evaluation and testing. This population is not a genetically modified organism, but is a selection from a larger population. The population can have a broad or narrow genetic makeup. The population is given a name, often based on its origin. Once named, the population is release to the public for increase and commercial use. Releases are either varietal (cultivar) or prevarietal, depending on the amount of time the population has been tested. Both types of release can be certified under the seed certification program within a state.

Management of a seed

Identification numbers are assigned a remain with plants throughout evaluat

> the varies (cultivar) or prevaries, sted. Both types of release can be certified



vegetative and seed collection

1 110

Announcement A release notice announcing the release of a population is distributed to researchers and cooperators. An information brochure is published and made available to the public through the Plant Materials Center, the website, and NRCS field offices.

ed through a fanning m

N. T. Plant

Cooperators Cooperators are an important part of the plant release process. These include universities and experiment stations, Agricultural Research Service state and federal agencies, and local NRCS and conservation districts.

FOUNDATION

USDA is an equal opportunity provider and employer.