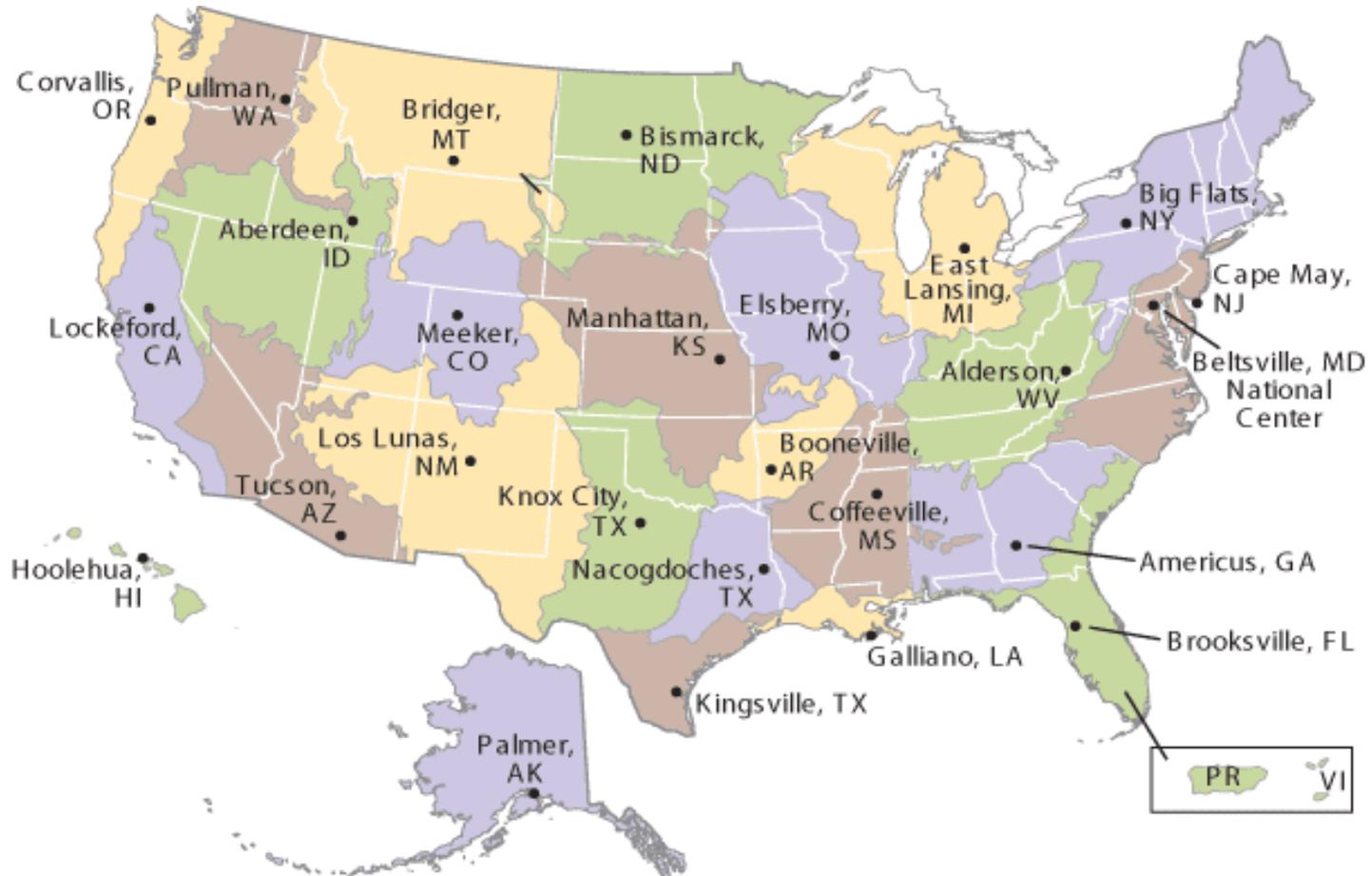


Plant Materials Centers



Bridger Plant Materials Center Program

- Identify resource concerns
- Assemble appropriate plants
- Evaluate in common nurseries
- Select for performance
- Evaluate in multiple sites on resource concerns
- Release proven plants & technologies
- Promote plants and appropriate application technologies in demonstration/research plantings





















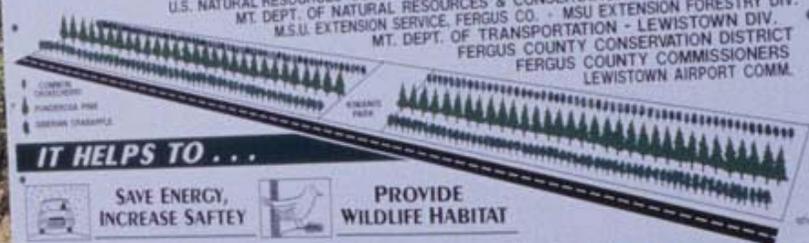




LIVING SNOW FENCE DEMONSTRATION PLANTED 1990

COOPERATIVE EFFORT OF

U.S. NATURAL RESOURCES CONSERVATION SERVICE • FERGUS OF LEWISTOWN FFA
MT. DEPT. OF NATURAL RESOURCES & CONSERVATION / N.E. LAND OFFICE
M.S.U. EXTENSION SERVICE, FERGUS CO. • MSU EXTENSION FORESTRY DIV.
MT. DEPT. OF TRANSPORTATION - LEWISTOWN DIV.
FERGUS COUNTY CONSERVATION DISTRICT
FERGUS COUNTY COMMISSIONERS
LEWISTOWN AIRPORT COMM.



IT HELPS TO . . .



SAVE ENERGY,
INCREASE SAFETY



PROVIDE
WILDLIFE HABITAT



STORE SNOW
AT LOW COST



IMPROVE LANDSCAPE
AESTHETICS



PROTECTION
FOR MANY YEARS



Russian Wildrye Row Spacing







Man 1: Light-colored long-sleeved shirt, light-colored trousers, and a wide-brimmed hat.

Man 2: White short-sleeved shirt, blue jeans, and a grey baseball cap.

Man 3: Pink short-sleeved shirt, light-colored trousers, and a dark hat.

Man 4: Light blue short-sleeved shirt, blue jeans, and a light-colored baseball cap.

A large pile of approximately 20-25 brown paper bags, some of which have handwritten text on them, scattered on the ground in front of the SUV.

222107



McCONE CONSERVATION DISTRICT
PLANT MATERIALS DEMONSTRATION PLOT
IN COOPERATION WITH
N.R.C.S., HARVEST STATES, MONSANTO,
BRIDGER PLANT MATERIALS CENTER
U.S.D.A., G.L.C.I. GRANT, R.P. REINEMER, II

**Lodorm green
needlegrass**





EDUCATION BY DEMONSTRATION



NEW PLANTS



NEW TECHNOLOGIES



Plant Species Population

Germplasm Accession

Germplasm Accession

Germplasm Accession

Genetic Status

Genetic Status

"Manipulated-Track"

"Natural-Track"

Bulk Populations
(recombinations, mass selections, modified germplasms)
NO TAG

trait selection within bulk or natural populations

Selected Class
(breeding lines, clonal groups, manipulated accessions)
GREEN TAG
G0, G1, G2, G3 ...

progeny testing; traits proven heritable

Tested Class
(inbreds, synthetics, manipulated accessions)
BLUE TAG
G0, G1, G2, G3 ...

multiple location/year testing

Variety/Cultivar
(uniform and stable germplasm)
WHITE TAG: B, F
PURPLE TAG: R
BLUE TAG: C

Source Identified Class
(unrestricted natural accessions)
YELLOW TAG
G0, G1, G2, G3 ...

trait comparison and selection among accessions

Selected Class
(unrestricted natural accessions)
GREEN TAG
G0, G1, G2, G3 ...

progeny testing; traits proven heritable

Tested Class
(unrestricted natural accessions)
BLUE TAG
G0, G1, G2, G3 ...

multiple location/year testing

Variety/Cultivar
(unrestricted natural accessions)
WHITE TAG: B, F
PURPLE TAG: R
BLUE TAG: C

Purposeful or inadvertent Genetic Manipulation

Unevaluated

GEOGRAPHIC ADAPTATION/MARKET POTENTIAL

Proven

Immediate Use

DEVELOPMENT TIME FRAME

Multiple Data Years





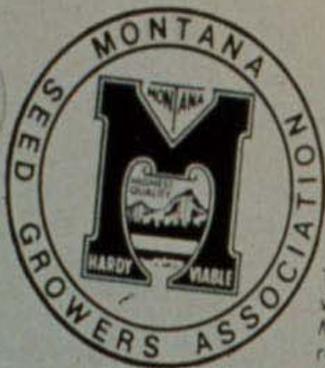
CERTIFIED SEED

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATION OF DAMAGES
The seller, the inspector, the Montana Seed Growers Association, the State of Montana and all of its entities, as to these seeds, **MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR PURPOSES, OR OTHERWISE, AND IN ANY EVENT LIABILITY FOR BREACH OF ANY WARRANTY OR CONTRACT OR NEGLIGENCE** with respect to such seeds is limited solely and exclusively to the purchase price paid by the buyer for such seeds. This disclaimer and limitation of liability may not be altered or amended except by an instrument in writing and then only as to those specifically agreeing to the terms of said instrument. By acceptance of the seeds, the buyer acknowledges that the limitations and disclaimers herein described are conditions of sale, and that they constitute the entire agreement between the parties regarding warranty or other liability.

REGISTERED SEED

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATION OF DAMAGES
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FOUNDATION SEED



NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATION OF DAMAGES
The seller, the inspector, the Montana Seed Growers Association, the State of Montana and all of its entities, as to these seeds, **MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR PURPOSES, OR OTHERWISE, AND IN ANY EVENT LIABILITY FOR BREACH OF ANY WARRANTY OR CONTRACT OR NEGLIGENCE** with respect to such seeds is limited solely and exclusively to the purchase price paid by the buyer for such seeds. This disclaimer and limitation of liability may not be altered or amended except by an instrument in writing and then only as to those specifically agreeing to the terms of said instrument. By acceptance of the seeds, the buyer acknowledges that the limitations and disclaimers herein described are conditions of sale, and that they constitute the entire agreement between the parties regarding warranty or other liability.

This container, with label properly affixed thereto, contains seed which was found to conform to the Certification Standards of the Montana Seed Growers Association, Bozeman, Mont. The vendor is responsible for an analysis label which meets Montana Seed Law requirements and shows seed to comply with standards for certification.

MEMBER OF ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES

IFYING AGENCIES







