

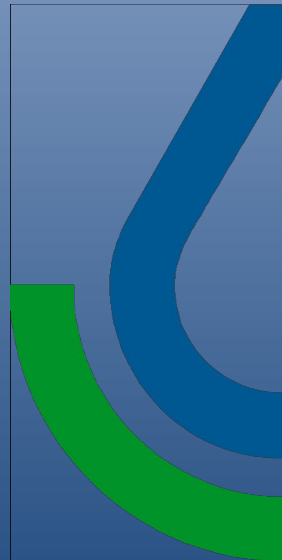


United States Department of Agriculture

Future Plant Development Activities in the NRCS Plant Materials Program

**National Native Seed Conference
Washington, D.C.**

Joel L. Douglas
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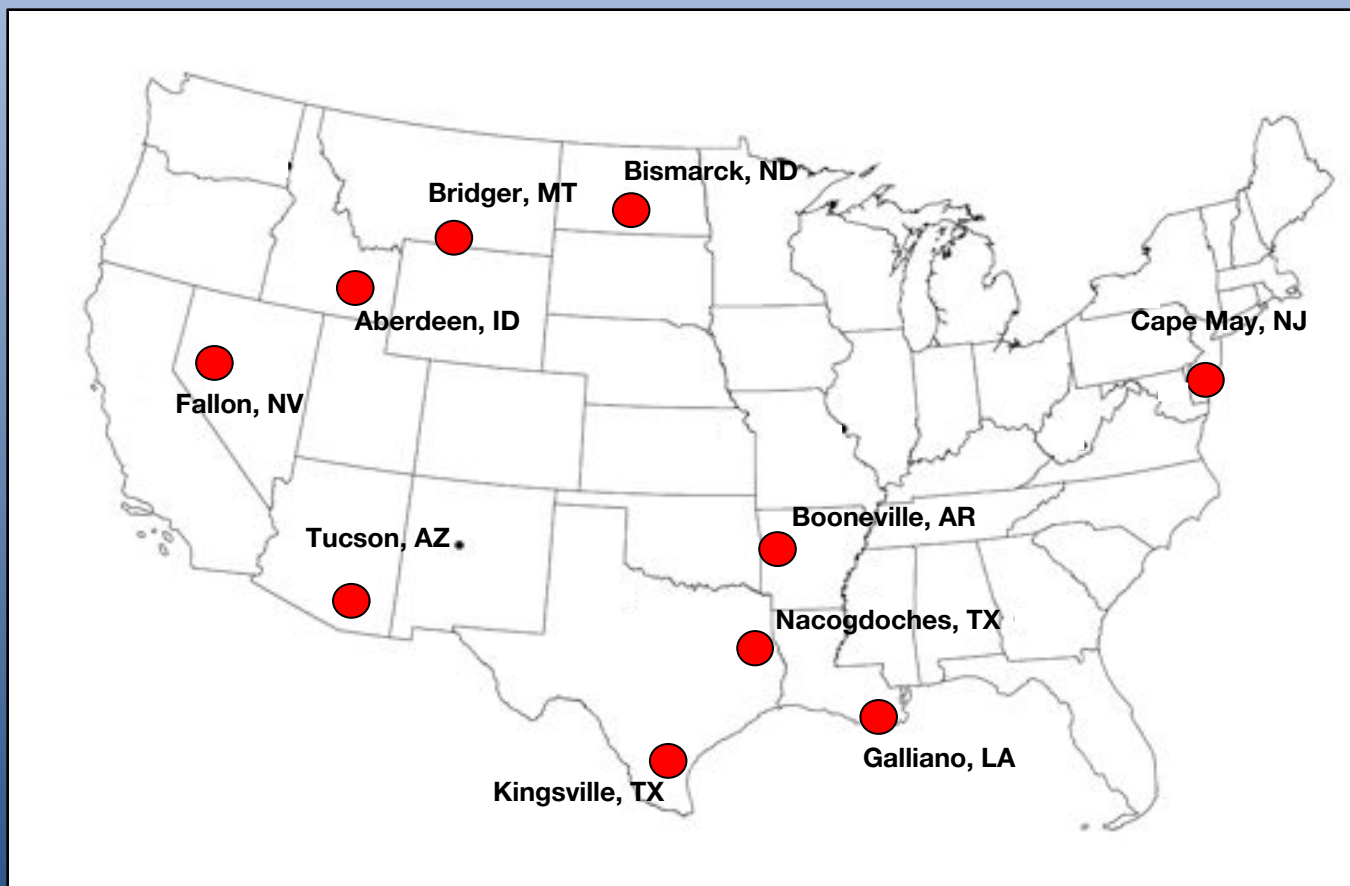


NRCS Priority Needs

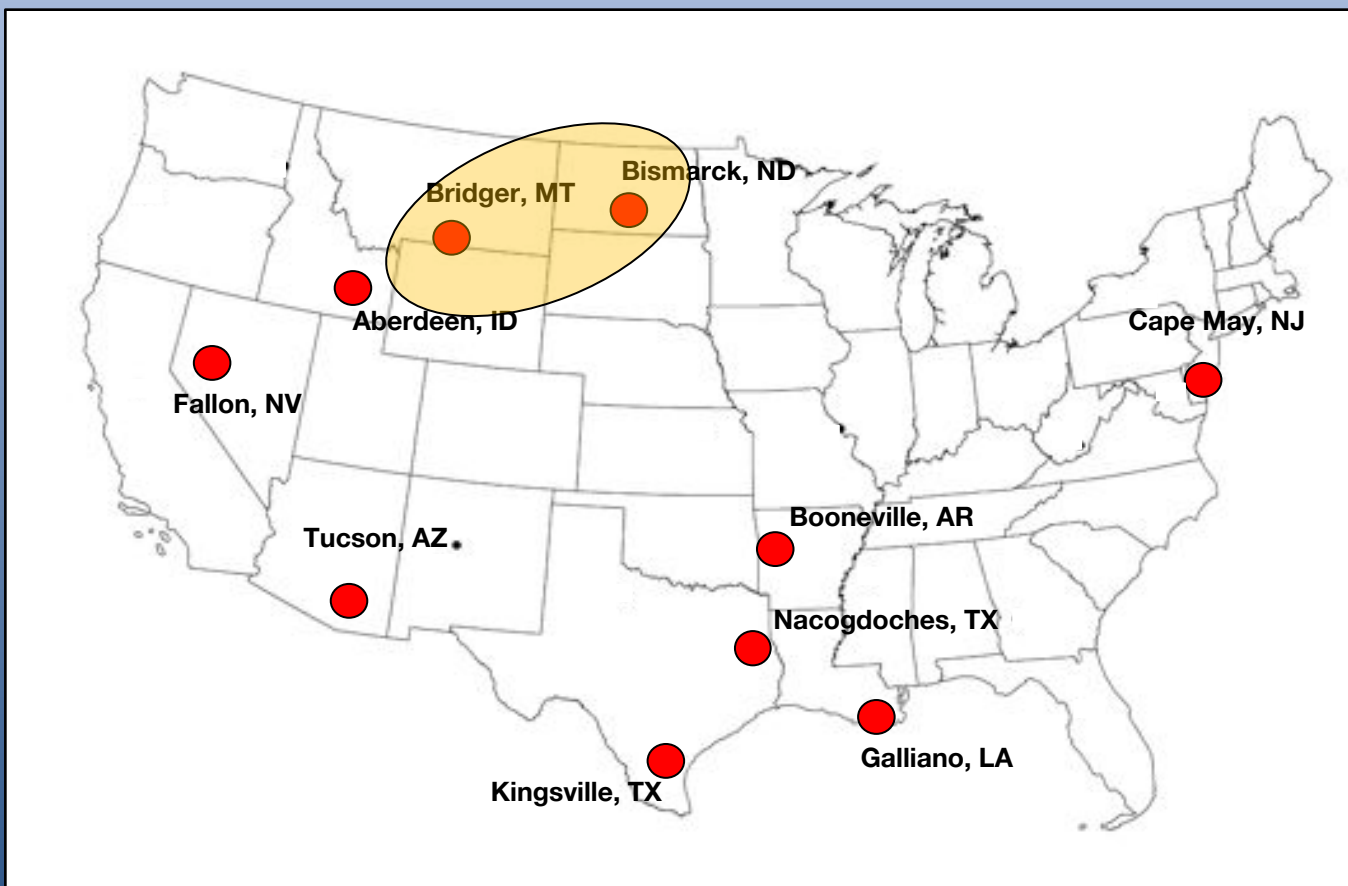
- Rangeland health
- Air and water quality
- Pollinators
- Soil stabilization
- Forbs for increased plant diversity in conservation plantings



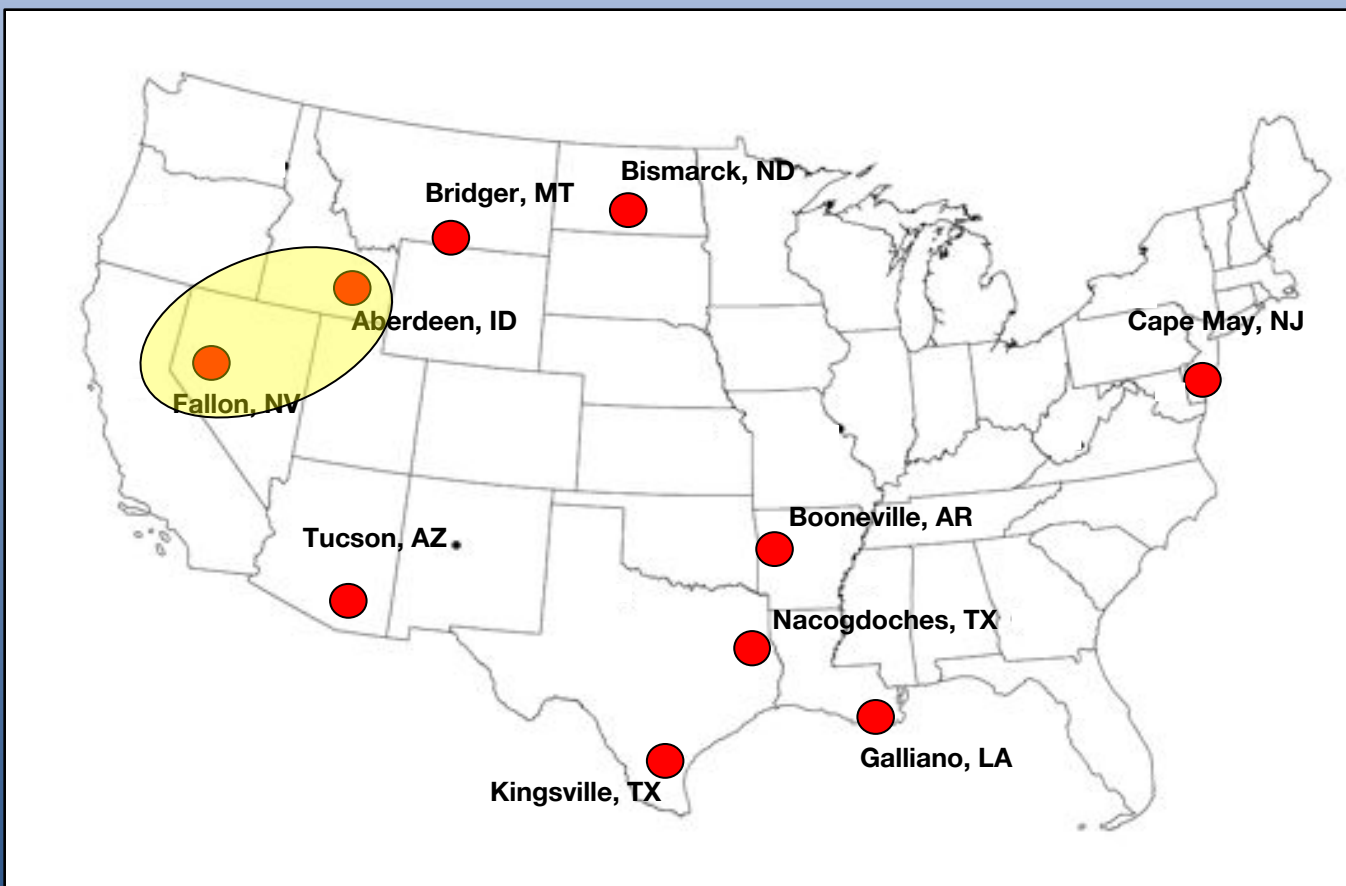
Location of Future Plant Releases 1-3 Years



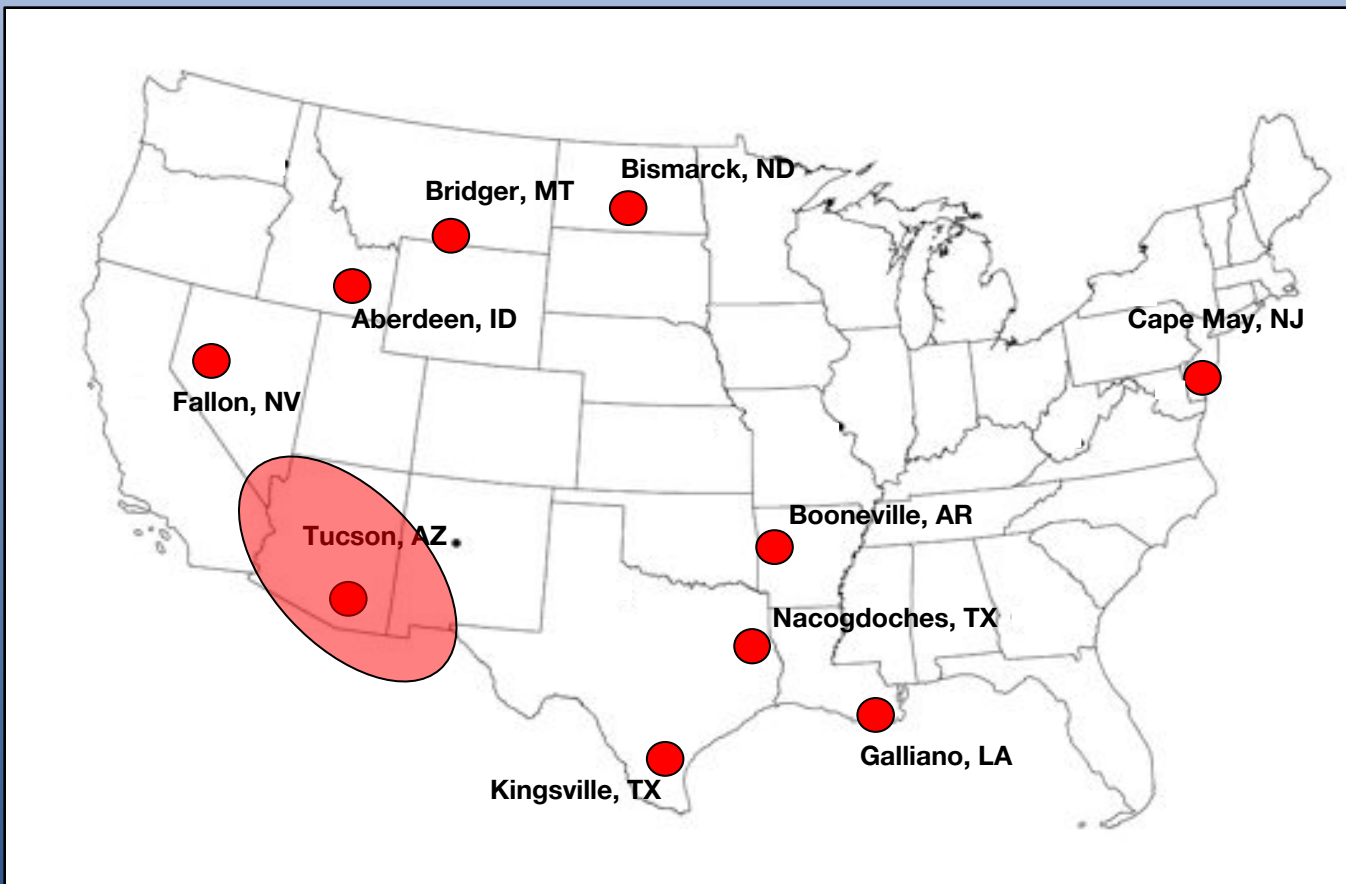
Plant Evaluation and Selection Activities



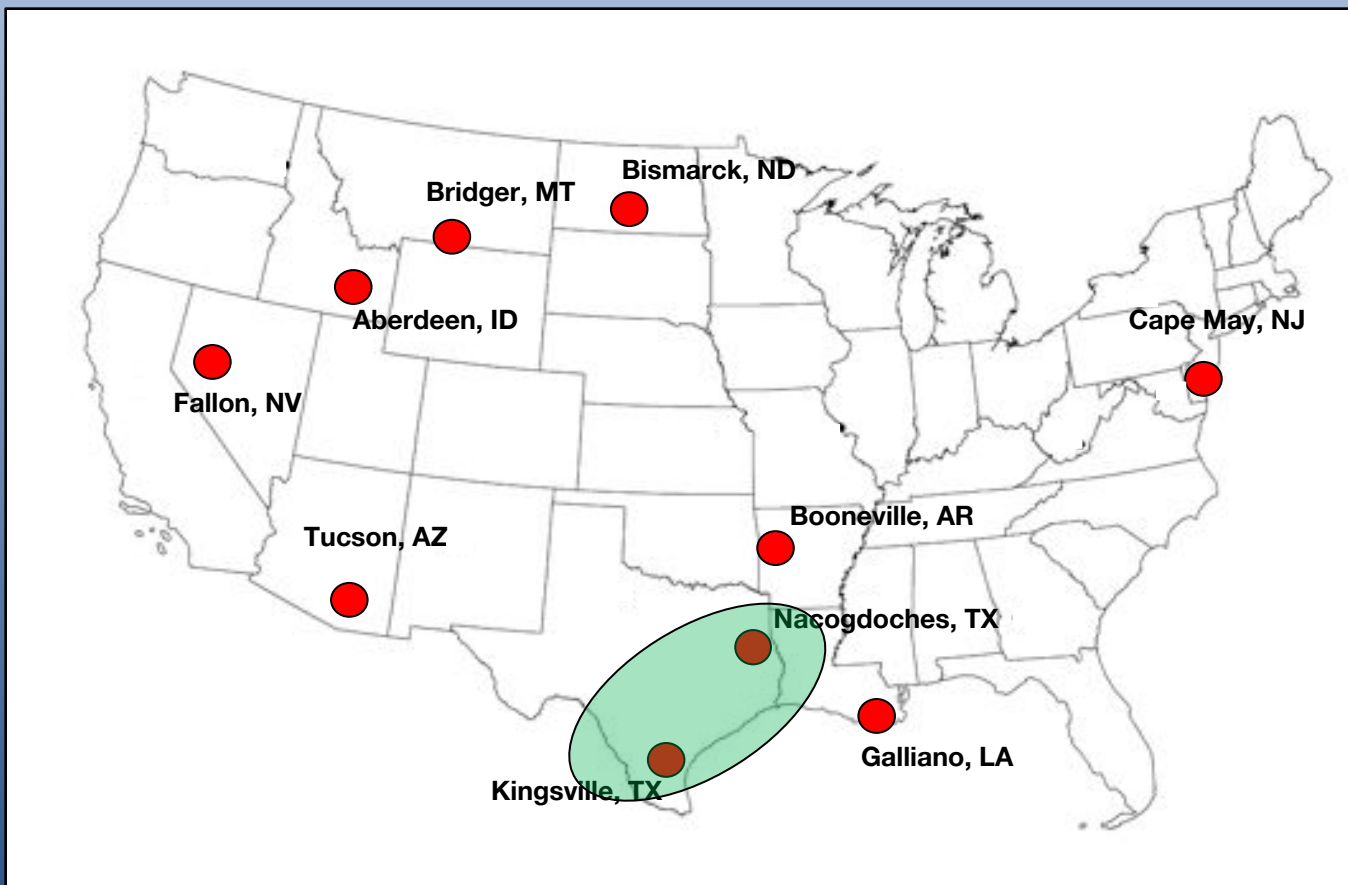
Plant Evaluation and Selection Activities



Plant Evaluation and Selection Activities

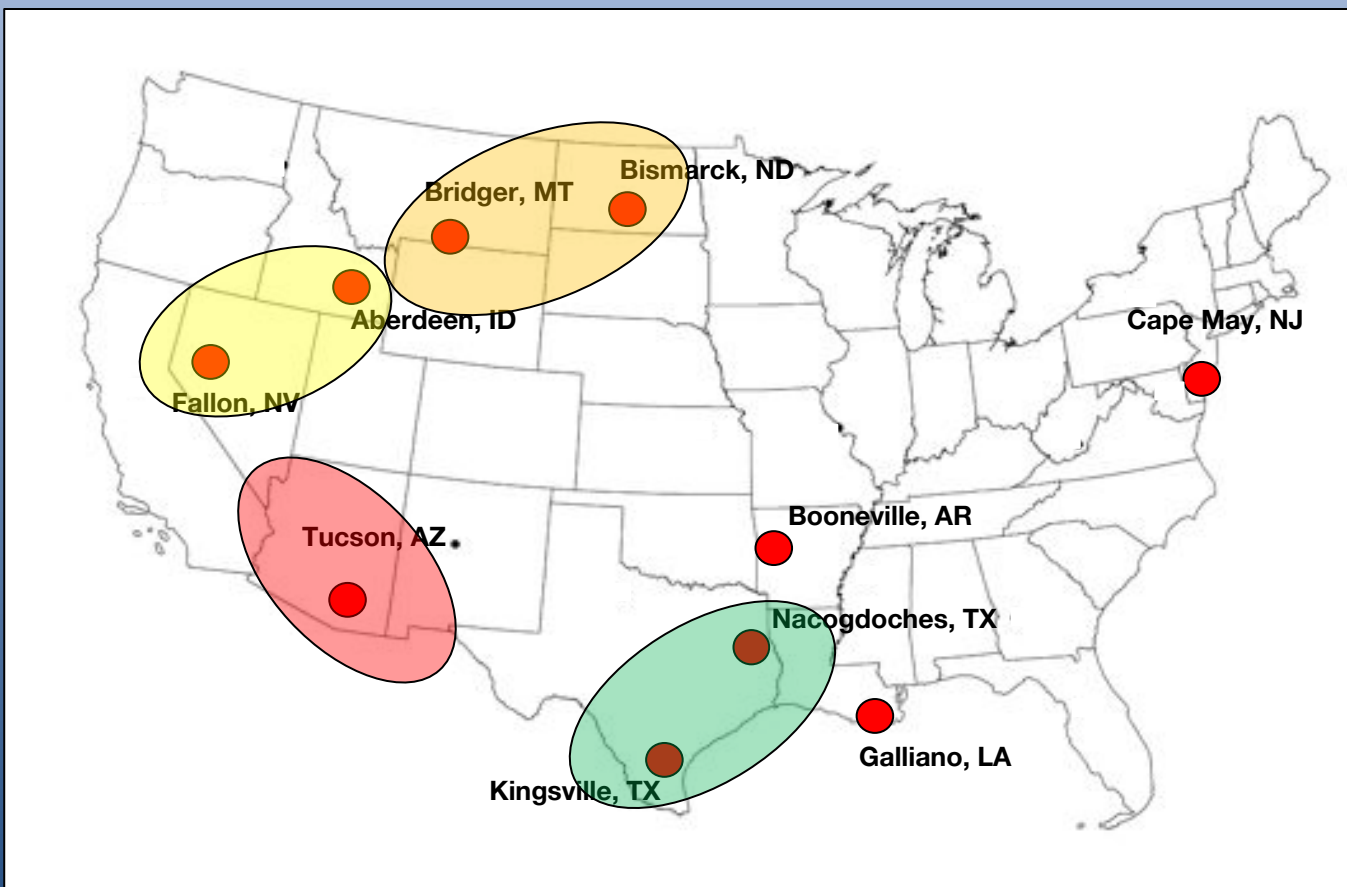


Plant Evaluation and Selection Activities



Plant Evaluation and Selection Activities

Future Plant Releases



Cape May, New Jersey

- Sea oats (*Uniola paniculata*)
- Selected class release
- Dune stabilization
- Mid-Atlantic states (MD, NJ, DE)



Booneville, Arkansas

- Indiangrass (*Sorghastrum nutans*)
- Selected class release
- Conservation cover, soil stabilization, livestock forage
- Southern Ozarks (AR, MO, OK)



Galliano, Louisiana

- Gulf cordgrass (*Spartina spartinae*)
- Selected class release
- Dune stabilization
- Gulf coast states (TX, LA, MS)



Kingsville, Texas

- Partridge pea (*Chamaecrista fasciculata*); Indian blanket (*Gaillardia pulchella*)
- Selected class release
- Rangeland plantings, wildlife habitat, and pollinators
- South Texas Plains



Tucson, Arizona

- Big galleta (*Pleuraphis rigida*)
- Selected class release
- Soil stabilization, rangeland plantings and habitat improvement in parts of the Mojave Desert
- Desert Southwest (southern NV and northern AZ)



Aberdeen, Idaho

- Parsnipflower buckwheat (*Eriogonum heracleoides*)
- Selected class release
- Pollinator habitat and rangeland plantings
- Intermountain west (UT, ID, NV)



Bridger, Montana

- Silverleaf phacelia (*Phacelia hastata*)
- Selected class release
- Conservation cover on acid and heavy metal sites
- Northern plains (MT and WY)



Future Conservation Plant Releases

- Native, herbaceous, annual and perennial
- Forbs/wildflowers, grasses, legumes
- Support NRCS conservation practices
- Support agency initiatives (e.g. sage grouse, monarch, European honeybee, longleaf pine)
- Adaptation area large enough for sustainable commercial seed and plant production





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The preceding presentation was delivered at the

2017 National Native Seed Conference

Washington, D.C. February 13-16, 2017

This and additional presentations available at <http://nativeseed.info>

