

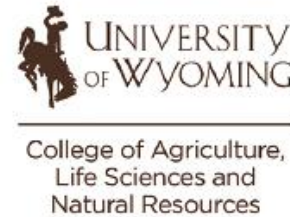


Wyoming Seed Strategy

Strategy Working Group

- Made up of federal and state agencies as well as non-profits and seed growers
- Looking for industry input and support

CONTRIBUTING AUTHORS



Background

- 2015 National Seed Strategy published
- Wyoming context





Mission

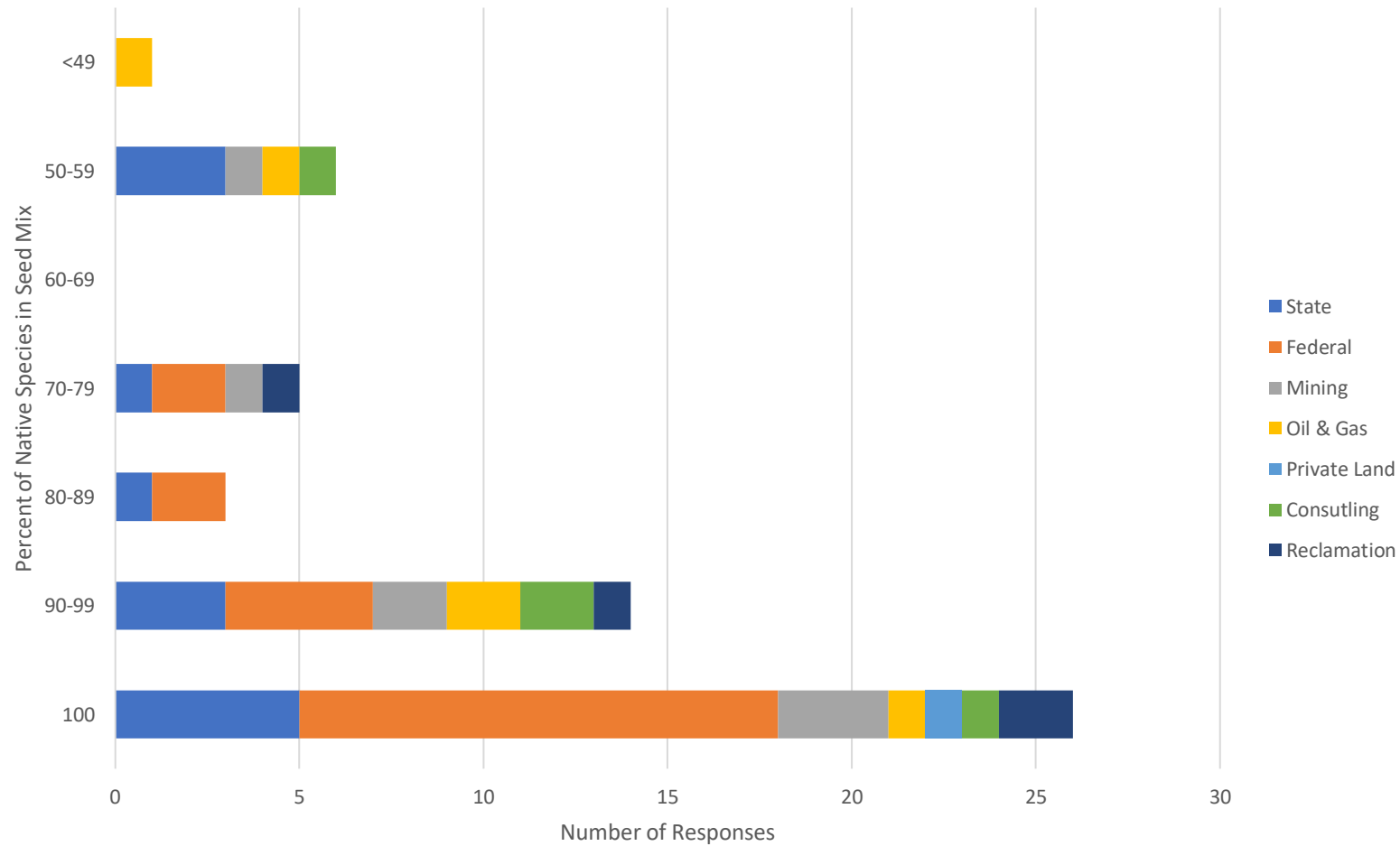
- Maintain and expand the high-quality seed grown in Wyoming
- Support the state's seed industry
- Provide the state with the right seed and education for its reclamation success

Goals

1. Increase demand for genetically suitable seeds
2. Improve supply of genetically suitable seeds
3. Improve the use of genetically suitable seeds
4. Pursue funding and external communication opportunities



Increase Demand



Increase Demand

- Work collaboratively to plan seed needs in Wyoming
- Research population selection, suitability and improvement



Increase Demand

- Work being done at UW by Dr. Donna Harris' lab
 - Genetic and genomic study to assess utility of local seed sourcing
 - Prairie junegrass and big sagebrush
- Work being done by TNC
 - Testing pops at multiple restoration/reclamation sites
 - Testing seeding depth



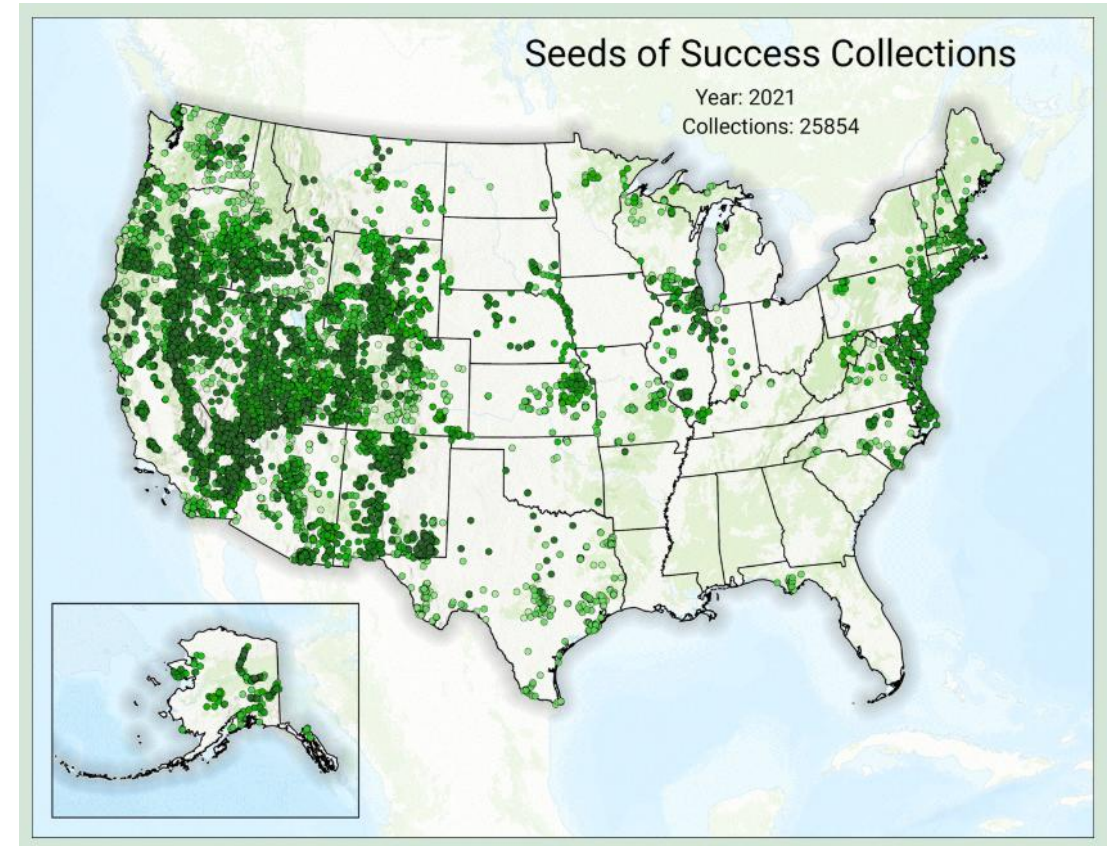


Improve supply

- Increase sustainable seed collection
- Improve state-wide seed procurement
- Identify knowledge/capacity gaps in seed production
- Share seed production knowledge

Expand Seed Collection

- BLM 2025 seed collection contract for grow out – 27 species
- WY State Forestry – tree seeds
- Wyoming Seed Partnership 2025 seed collections for grow out – 4 species
- UW seed collections
- Teton Conservation District seed collections



Identify knowledge/capacity gaps in seed production

- BLM grow outs and common gardens for sulphur buckwheat, sawsepal penstemon, green needlegrass, Indian ricegrass, basin wildrye
- UW grow outs in Sheridan – so many species
- TNC experimental seed nursery
- Wyoming Seed Partnership
- TCD plug production generating plug production knowledge with native plant sale
- LCCD seed production work and shared community seed harvester
- USFS seed production at USFS nurseries



Improve Use

- Determine and share best practices for seeding
- Use demonstration sites to show challenges and successes



Improve Use

- DEQ Seeding Specialist Certification
- 2025 Sagebrush Restoration Summit
- WYDOT monitoring and field trials
- TCD demonstration sites



Purpose

- Coordinate existing work
- Identify gaps
- Resource work to address persistent barriers

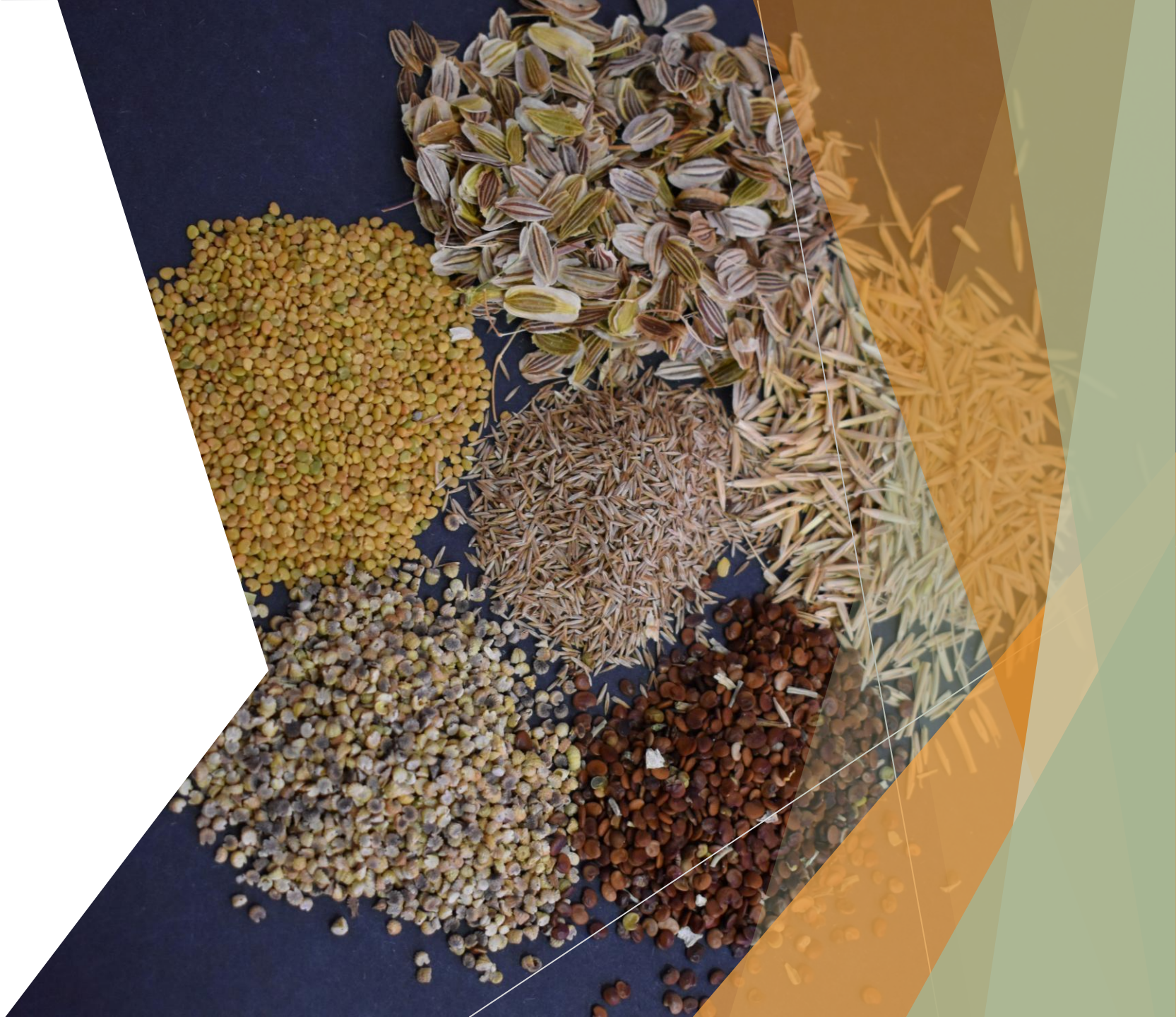


A photograph of a drilling rig in a field under a blue sky with clouds. The rig is a tall, vertical structure with a red base and a white upper section. It is positioned in a field of dry grass and small shrubs. The sky is blue with scattered white clouds. The image is partially obscured by a green diagonal bar on the left side.

How you can get involved

- Participate in Seed Strategy Implementation meetings (2 times per year)
- Work with research partners to provide reclamation sites experiments
- Share knowledge via demonstration sites

Questions?



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