

Seeding Information for Private Land Owners Affected by Southeastern Arizona Fires

The following is a list of potential species that can be used to revegetate burned areas on private lands. The QUICK COVER table is comprised of non-native annual cereal grains. Quick covers can be used alone or as “nurse crops” if you choose to plant native cover species. Seeding rates are for 'broadcast seeding' (1.5 times drill seed rate) and assume a 100% pure live seed (PLS) rate. Pure live seed (PLS) is based on percent purity and percent germination. PLS = % purity X % germination. **Always ask for weed free seed.**

QUICK COVER	
Species/Name	Rate (bulk pounds/acre)
<i>Cereal Grains (wheat, barley, or oats)</i>	60 to 90 OR 10 to 20 lbs as 'nurse crop'

NATIVE Perennial COVER	
For Oak Savannah type (4500' – 5800' elevation)	
Species/Name	Rate (PLS lbs/acre)
<i>Sideoats Grama</i>	12
<i>Plains Bristlegrass</i>	6
<i>Green Sprangletop</i>	3
<i>Sand Dropseed</i>	0.3
For Grasslands type (4000' - 5500' elevation)	
Species/Name	Rate (PLS lbs/acre)
<i>Blue Grama</i>	2
<i>Sideoats Grama</i>	12
<i>Green Sprangletop</i>	3
<i>Plains Bristlegrass</i>	6

The above species were selected from NRCS ecological site descriptions based on NRCS knowledge of price, availability, and species occurrence. However, there are many other species that could be used in these vegetation types. Contact vendors on this list for availability of other species.

Developing a seed mix:

- 1- We suggest you select 2 to 3 of the above species based on your budget.
- 2- Select the species you wish to use and divide the seeding rate of each species by the number of species selected. This will give you the number of pounds of each species to use in your mix.
- 3- Adjust the pounds of seed by the PLS of the seed. If your purchased seed is 80% PLS then divide your seeding rate by the 80%. See example below.

Example

Species	Seeding rate (100% PLS)	# of species chosen	Seeding rate	PLS of purchased seed	Seeding rate adjusted for PLS
Sideoats grama	12	3	12/3 = 4	80%	4/0.80 = 5
Sand dropseed	0.3	3	0.3/3 = 0.1	75%	0.1/0.75 = 0.13
Plains bristlegrass	6	3	6/3 = 2	45%	2/0.45 = 4.5
TOTAL SEED NEEDED					9.63 PLS lbs/acre

Partial list of Seed Vendors

1. **Fertizona**, Casa Grande, Arizona, 1-520-836-7477
(cereal grains)
2. **Arizona Grain/Valley Seed**, Casa Grande, Arizona, 1-520-836-8713
(cereal grains)
3. **Armenta Seed Company**, Gilbert, Arizona, 1-480-855-1917
(Arizona fescue, Arizona cottontop, blue grama, cane beardgrass, curly mesquite, green sprangletop, little bluestem, Rothrock grama, sand dropseed, sideoats grama, slender wheatgrass, purple threeawn)
4. **Seeds West**, Yuma, Arizona, 1-928-783-2050
(blue grama, green sprangletop, plains bristlegrass, sand dropseed, sideoats grama, slender wheatgrass)
5. **Bamert Seed Company**, Muleshoe, Texas, 1-806-272-5506
(blue grama, green sprangletop, western wheatgrass, plains bristlegrass, sideoats grama, sand dropseed)
6. **Comstock Seed**, Gardenville, Nevada, 1-775-265-0090
(blue grama, sand dropseed, sideoats grama, western wheatgrass, muttongrass, Lewis flax)
7. **Curtis and Curtis**, Clovis, New Mexico, 1-575-762-4759
(Arizona fescue, blue grama, curly mesquite, green sprangletop, western wheatgrass, plains bristlegrass, sand dropseed, sideoats grama, slender wheatgrass, Lewis flax)
8. **Granite Seed and Erosion Control Company**, Lehi, Utah, 1-801-768-4422
(blue grama, muttongrass, plains bristlegrass, Rothrock grama, sand dropseed, sideoats grama, slender wheatgrass, western wheatgrass, Lewis flax)
9. **Pawnee Buttes Seed, Inc.**, Greeley, Colorado 1-800-782-5947
(Arizona fescue, blue grama, green sprangletop, muttongrass, plains bristlegrass, sand dropseed, sideoats grama, slender wheatgrass, western wheatgrass, Lewis flax)
10. **S & S Seeds**, Carpinteria, CA, 1-805-684-0436
(blue grama, Lewis flax, sand dropseed, sideoats grama, slender wheatgrass)
11. **Sharp Brothers Seed Company**, Greeley, CO, 1-800-421-4234
(Arizona fescue, blue grama, western wheatgrass, sand dropseed, sideoats grama, slender wheatgrass, Lewis flax)
12. **Southwest Seed**, Dolores, CO, 1-970-565-8722
(Arizona fescue, blue grama, green sprangletop, western wheatgrass, muttongrass, Lewis flax, sand dropseed, sideoats grama, slender wheatgrass)
13. **Stevenson Intermountain Seed, Inc.**, Ephraim, Utah, 1-435-283-6639
(Arizona fescue, blue grama, western wheatgrass, muttongrass, Lewis flax, plains bristlegrass, sand dropseed, sideoats grama, slender wheatgrass)
14. **Stover Seed Company**, Los Angeles, California, 1-800-621-0315
(Arizona fescue, blue grama, sand dropseed, sideoats grama, slender wheatgrass, Lewis flax)
15. **Turner Seed Company**, Breckenridge, Texas, 1-800-722-8616
(blue grama, western wheatgrass, Lewis flax, plains bristlegrass, sand dropseed, sideoats grama, slender wheatgrass)

This list is not complete and does not constitute a guarantee of reliability or quality of product. The Natural Resources Conservation Service (NRCS) does not endorse any supplier and no discrimination is intended by omission.

Additional information can be obtained from your local Natural Resources Conservation Service, Douglas Field Office at (520) 364-2001 or Willcox Field Office at (520) 384-2299 for the Horseshoe 2 fire, Tucson Field Office at (520) 887-8520 for the Murphy Fire, or visit the Arizona NRCS website at <http://www.az.nrcs.usda.gov>.

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