



TECHNICAL DATA SHEETS

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Shortgrass Prairie Mixture

<u>Kind</u>	<u>PLS/acre</u>
Camper Little bluestem	1.5
Blaze Little bluestem	1.0
Butte Sideoats grama	3.0
Bad River Blue grama	1.5
Texoka buffalograss	<u>1.0</u>
Total PLS lbs. per acre	8.0
Total Pure Live Seeds /sq. ft.	57.7

Characteristics:

- Very drought tolerant native grass mixture adapted to most dryland sites in the Central Plains.
- Species selected to provide an aesthetic native grass stand that will not grow taller than 3-feet.
- Provides nice native prairie appearance where the tall native grasses might be overwhelming.
- Expect 3-years for stand to develop.

Germination and Seeding Rates:

- Seeding rate: 8.0 PLS lb./acre; increase seeding rate 50% if broadcast; decrease seeding rate by 25% for large scale drilled seedling.
- As with all newly seeded areas, good seed and soil contact, as well as adequate moisture is required for successful germination and establishment.
- Grass seed should be planted 1/4" to 1/2" deep in fine texture soils, and 3/4" deep in sandy soil. Don't plant too deep.

Cultural Practices After Establishment:

- Shredding the first year is a good idea if weed competition is severe. If possible shred trouble areas only.
- Do not hay or graze until mid or late July for nesting cover.
- Strip graze or hay to maintain some brood-rearing quality in part of stand at all times.
- Controlled burning on a 3-5 year basis is a good tool for woody vegetation control. Consult your local NRCS for burn plans and information.

Upland Mixture

Mixture Includes: Intermediate Wheatgrass, Orchardgrass, Crested Wheatgrass, Pubescent Wheatgrass, Western Wheatgrass, Smooth Bromegrass.

Characteristics:

- Use on upland, dryland, and rolling land to well-drained bottom land.
- Pasture, Hay or Conservation use.
- Very good upland-game brood-rearing cover when legumes are included.
- Diversity of species in this mixture is an advantage for both wildlife habitat and livestock pasture use.
- Species included in this mixture have been selected for their adaptation to the varying conditions found on dryland and upland sites.

Seeding Rates and Establishment:

- Seeding rate: 17 lb./acre; increase planting-rate 20% if broadcast.
- Seed in a weed free seed bed April 1 to May 1, or August 10 to September 10 at 1/4" to 1/2" deep.
- Add 2-3 lbs. Alfalfa/acre for improved livestock forage quality.
- Add 3 lbs. Alfalfa, 0.5 lbs. White blossom, and 1 lb. Yellow blossom Sweetclover per acre for improved wildlife habitat value. Reduce grass rate to 12 lbs./acre when legumes are added.

Cultural Practices After Establishment:

- Do not hay or graze until mid or late July for nesting cover.
- Strip graze or hay to maintain some brood-rearing quality in part of stand at all times.
- Shredding the first year is a good idea if weed competition is severe. If possible shred trouble areas only.
- Avoid grazing the first year after seeding until new stand is well established.
- Optimum grazing late April to mid June and mid September to early November. Do not graze closer than 6 inches.
- Fertilize based on soil test results and production goals.