

Technical Bulletin





Contains: Prairie Dropseed, Little Bluestem, Blue Grama, Buffalograss, Sideoats Grama and Oats or Wheat (cover crop)

Seeding Information

Seeding Rate: 20 Lbs per Acre Drill Seeded, 25 Lbs per Acre Broadcast Seeded

Seeding Dates: April – July Dormant Seeding: November - March

Germination Times: Cover Crop 4-7 Days Warm Season Grasses – 21-28 Days

Description

Little Buckaroo Native Mixture consists of three intermediate height (up to 3.5 feet) warm season grasses (Prairie Dropseed, Little Bluestem and Sideoats Grama), one short growing (up to 2 ft) warm season grass (Blue Grama) and one very short growing (less than a foot) warm season grass (Buffalograss). All Species are bunch type grasses, except the Buffalograss which is stoloniferous. This mix is ideal for low maintenance areas where you want low growing grasses with the natural native prairiegrass look. Little Buckaroo Native Mixture is the perfect for outlying areas on acreages and smaller spaces where shorter ornamental and native species are desired. A cover crop of oats (spring) or wheat (fall/winter) is added to aid in the establishment of the slower establishing warm season grasses.

Uses

- Conservation Areas
- Acreages
- Parks
- Low Maintenance Areas

Cultural Practices

Prepare a good firm seedbed and seed with a grassland type drill. If a grassland type drill is not available, then broadcast seeding is sufficient enough if the seed can be worked into the soil with a harrow or similar tool that ultimately establishes good seed-to-soil contact. It is very important that the seed be placed at the proper depth to encourage quick germination and emergence.

Seed Mixture as a Percent of Bulk Weight

Seed Oats or Wheat	50.00%
Buffalograss	15.00%
Little Bluestem	13.00%
Sideoats Grama	12.00%
Blue Grama	6.00%
Prairie Dropseed	4.00%



Brady Bloomquist: 641-895-2305 <u>brady.bloomquist@hmgiowa.com</u>

hmgiowa.com



General Seeding Guidelines

A. SEED TIMING

- a. Seed from April 15 to June 15
- b. Dormant seed after November 15

B. SITE PREPARATION FOR BARE GROUND APPLICATION

- a. Conduct one soil test per acre to determine soil additives needed
- b. Ensure soil pH is between 6.0 and 7.0
- c. Eliminate existing vegetation
 - i. Spray with non-selective herbicide
 - ii. Remove dead vegetation through mechanical means
- d. Add recommended soil amendments, pH adjustment materials, and fertilizer
- e. Till soil to a 4-6 inch depth
- f. Remove rocks and debris larger than one inch diameter
- g. Pulverize and lightly roll soil
- h. Apply 1 lb phosphorous (P) (2.27 lbs P₂O₅) / 1000 ft² to soil surface

C. SITE PREPARATION FOR INTERSEEDING/OVERSEEDING

- a. Conduct one soil test per acre to determine if soil additives are needed
- b. Ensure soil pH is between 6.0 and 7.0
- c. If existing vegetation in the area to be seeded is higher than 1-2 feet, consider mowing to minimize inter-seeding difficulties
- d. Remove any debris or weeds that are seeded out

D. SEEDING METHOD

- a. Seeding method is based on slope and soil at site
- b. Broadcast-, drop-, slit-, or drill-seed flat areas where erosion is not a concern
 - i. Seed should be planted 0.125 to 0.25 inches below soil surface
 - ii. Plant two directions putting ½ of seed down each direction
 - iii. Gently roll or rake seeded area to ensure good soil-to-seed contact
- c. If broadcast seeding, the area should be gone over with a drag (chain link fence, tooth harrow) to achieve greater seed-to-soil contact
- d. If drill seeding, a no-till drill is recommended to slice the seed into the soil to achieve good seed-to-soil contact
- e. Hydro-seed steep slopes where erosion is a concern
 - i. When hydro-seeding, broadcast ½ of the seed before hydro-seed mixture is applied and place ½ of the seed in hydro-seed mixture

E. WATERING REQUIREMENTS

- a. Water to field capacity immediately after seeding
- b. The first three weeks after seeding. keep top 1.5 inches of soil moist*
- c. Weeks four through six after seeding, water 3-4 times per week
- d. After six weeks, water when grass begins to show draught stress
- *Number of times to water per day depends on temperature, humidity, wind, and rainfall

F. FERTILIZING & MOWING

- a. Fertilize seeded area with 0.5 lbs nitrogen (N) / 1000 ft² 1, 2, and 3 months after initial seeding, then begin a regular fertilizer schedule
- b. Mow when grass is one inch longer than desired grass height but do not remove more than 1/3 of grass blade (i.e. mow when grass is 4 inches tall if desired height is 3 inches)