

All Purpose Pasture Mixture Contains: Smooth & Meadow Bromegrass, [Festulolium](#), Intermediate Wheatgrass, Alfalfa, Oats, Orchardgrass, Forage Kentucky Bluegrass, Medium Red Clover, [Tetraploid Perennial Ryegrass](#) and Timothy

The ultimate in pasture mixtures, this mixture of forage grasses and legumes is formulated to provide high quality hay or grazing forage for all livestock. The legumes (alfalfa and clover) [fix nitrogen](#) to the soil which enables the grasses to flourish as well as providing excellent high protein forage for the livestock. An excellent choice for horse or cattle pastures. Quality seed oats are added as a non-competitive nurse crop to encourage the establishment of the grasses and help prevent erosion in the short run.

Packaged 1 Acre Bag (50Lbs)

Seeding Rate: 50 Lbs per Acre (Increase rate up to 100 Lbs/Acre for faster establishment)

Seeding Dates: March-May, August-Sept. **Dormant Seed:** December-March

Germination Time: 5-21 Days (as a mix)



SEED OATS	20%
SMOOTH BROMEGRASS	10%
MEADOW BROMEGRASS	8%
FESTULOLIUM	10%
INTERMEDIATE WHEATGRASS	10%
ORCHARDGRASS	9%
TETRAPLOID PERENNIAL RYEGRASS	10%
TIMOTHY GRASS	10%
FORAGE KENTUCKY BLUEGRASS	5%
MEDIUM RED CLOVER	4%
GRAZING ALFALFA	4%

Grass Pasture Mixture Contains: Smooth & Meadow Bromegrass, [Festulolium](#), [Tetraploid Perennial Ryegrass](#), Intermediate Wheatgrass, Orchardgrass and Oats

This mixture of compatible pasture grasses will provide excellent high quality forage for livestock. Formulated as a high maintenance pasture mixture with variable rotation. This mix will respond very well to higher rates of fertilizer. An excellent choice for the cattleman or dairy farmer who wants the very best high quality forage grasses for his or her pasture. The proper amount of oats has been added to promote establishment of the new grasses.

Packaged 1 Acre Bag (50Lbs)

Seeding Rate: 50 Lbs per Acre (Increase rate up to 100 Lbs/Acre for faster establishment)

Seeding Dates: March-May, August-Sept. **Dormant Seed:** December-March

Germination Time: 5-21 Days (as a mix)



SEED OATS	25%
SMOOTH BROME	10%
MEADOW BROME	8%
FESTULOLIUM	15%
INTERMEDIATE WHEATGRASS	15%
ORCHARDGRASS	15%
TETRAPLOID PERENNIAL RYEGRASS	12%

General Seeding Guidelines

A. SEED TIMING

- a. Seed from April 15 to June 15 or
- b. August 10 to October 15
- c. Dormant seeding after December 1st will germinate the following Spring

B. SITE PREPARATION FOR BARE GROUND SEEDING

- 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. 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)