



GRASS PASTURE MIXTURE

Description: 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.

Main Uses:

Pastures, Out Lots, Low Maintenance Areas, Waterways and Ditches

Seeding Rates:

New Seeding (bare ground): 50 LBS per acre
Over-seeding (into existing): 25 LBS per acre

Days to Germinate:

5-20 Days as a mixture

Seeding Dates:

March-May, August- October, December-February (dormant seeding)

Botanical Name	Common Name	% of Mix
Avena sativa	Seed Oats	20%
Bromus inermis	Smooth Bromegrass	10%
Bromus commutata	Meadow Bromegrass	10%
Dactylis glomerata	Orchardgrass	10%
Festulolium	Festulolium	10%
Lolium perenne	Tetraploid Perennial Ryegrass	10%
Phleum pretense	Timothy Grass	10%
Poa pratensis	Forage Kentucky Bluegrass	10%
Thinopyrum intermedium	Intermediate Wheatgrass	10%



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General Seeding Guidelines

I. SEEDING DATES

April 15 to June 15

August 10 to October 15

November 15 to February 15 (Dormant Seeding)

II. SITE PREPARATION FOR BAREGROUND SEEDING

- i. Conduct a soil test, per acre, to determine any needed soil amendments
- ii. Check soil PH. Ideal PH is between 6.0 and 7.0
- iii. Eliminate existing vegetation
- iv. Spray with a non-selective herbicide
- v. Remove any dead vegetation
- vi. Add soil amendments. Adjust PH.
- vii. Till soil to a 4-6 inch depth
- viii. Remove any large debris
- ix. Pulverize and lightly roll soil
- x. Apply 1 lb of Phosphorous (P) (2.27 lbs P2O5) / 1000 ft² to soil surface

III. SITE PREPARATION FOR INTERSEEDING/OVERSEEDING

- i. Conduct one soil test, per acre, to determine any need soil amendments
- ii. Check soil PH. Ideal PH is between 6.0 and 7.0
- iii. Remove any debris that may inhibit seeding
- iv. Mow area to be seeded if existing vegetation is higher than 3-4 inches

IV. SEEDING METHODS

Seeding Method is base on the slope and soil at site. Use broadcast, drop, slit or drill seeding methods where erosion is not a concern.

- i. Seed should be planted .125 to .25 inches below soil surface
- ii. Plant two directions putting 1/2 of seed down each direction
- iii. Gently roll or rake seeded area to ensure good soil to seed contact
- iii. If inter-seeding into existing vegetation use a slicer/inter-seeder that cuts into existing vegetation and places the seed into the soil at an optimum depth of 1/4 to 1/2 inch and achieves good soil to seed contact
- iv. If broadcast seeding into existing vegetation drag a harrow or chain link fence over seeded area to ensure seed to soil contact.

Hydro seed steep slopes or areas where erosion is a concern..

- i. Broadcast 1/2 of the seed before hydro-seed mixture is applied
- ii. Place the other 1/2 in the hydro seed mixture

V. WATERING REQUIREMENTS

- i. Water to field capacity immediately after seeding
- ii. The first three weeks after seeding keep top 1.t inches of soil moist
- iii. Weeks four through six after seeding water 3-4 times per week
- iv. After six weeks water when grass begins to show drought stress

VI. FERTILIZATION AND MOWING

- i. Fertilize seeded area once for the first two months with .5 lbs of N / 1000ft² after seeding
- ii. Mow when the grass is one inch longer than desired height. Do not remove more than 1/3 of grass blade.