

**Installation/
Applications**

Seed bed Preparation

- Prepare area to be seeded.
- Apply seed, fertilizer, and lime as required
- Apply mulch as specified in [EPP-10](#).
- Grade as needed to permit the use of conventional equipment for seedbed preparation, fertilization and seeding.
- Apply to bare or denuded areas, soil stockpiles, if they will not be used for more than 21 consecutive days.
- Soil material should be capable of supporting permanent vegetation and have at least 25% silt and clay to sufficiently hold moisture during establishment.
- In compacted areas, soil should be loosened to a depth of 6-8 inches.
- Protect areas against seed wash-out using surface roughening diversions or terraces.
- Soil should be analyzed for fertilizer and lime requirements.

Conventional Seeding

- Work lime and fertilizer into the soil with disk harrow, springtooth harrow or like equipment to a depth of 2 inches.
- Apply seeding uniformly with a cyclone or drill. Seed no deeper than ¼" to ½".
- Weather conditions should be taken into account when seeding areas. Seeding should not take place during adverse weather conditions.

Hydroseeding

A practice of applying a hydraulic spray that seeds, fertilizes and tacks in a single step.

- Prepare a homogenous mixture in a slurry tank: Seed (inoculated if needed), fertilizer, wood cellulose or wood pulp fiber mulch, and water. (Ordinary mulch is not suitable for hydroseeding).
- Apply within one hour after mixture is prepared. The application rate should be approximately 35 lbs per 1000 sq ft.
- Spray in two, orthogonal directions (i.e. north/south and east/west) for an even distribution of the hydroseed mixture.
- A straw mulch can be applied after hydroseeding at a rate of 100 lbs per 1000 sq. ft.

The chart below displays the recommended rates for temporary seeding.

Seeding Rates

| March 1 to October 31 | Per 1000 SF | Per Acre |
|----------------------------------|--------------------|-----------------|
| Oats | 3 lbs | 120 lbs |
| Perennial Ryegrass | 1 lbs | 40 lbs |
| Tall Fescue | 1 lbs | 40 lbs |
| Wheat | 1 lbs | 40 lbs |
| Annual Rye | 3 lbs | 120 lbs |
| November 1 to February 28 | | |
| Annual Rye | 3 lbs | 120 lbs |
| Wheat | 3 lbs | 120 lbs |
| Perennial Ryegrass | 1 lbs | 40 lbs |
| Tall Fescue | 3 lbs | 120 lbs |

Source: Kentucky ESPC Field Guide

Activity: Temporary Seeding**EPP-05**

- Maintenance**
- Inspect frequently during the first six weeks following planting to assure that appropriate moisture levels are maintained and determine if stands are uniform and dense.
 - Water until grass is thoroughly established, especially during dry, hot seasons or adverse conditions.
 - Check for damage caused by equipment or heavy rains. Damaged areas should be repaired, fertilized, seeded, and mulched. Tack or tie down mulch as necessary.

Inspection Checklist

- Area is watered daily until stabilization has taken place.
- After stabilization, water as needed.
- Heavy equipment has not been used within area.
- Washout areas have been repaired.
- Vegetative coverage is (check one): 20-40% 40-60% 60-80% 80-100%