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Sample Typescript

Experiment With Seed-Grown Prairie Forb Sod (Massachusetts)

Douglas L. Airhart, School of Agriculture, Tennessee Technological University, Cookeville, TN 38505 (415) 372-3019; and Kathleen M. Falls, 100 Main St., Concord, MA 01235

We used a modified sodding technique to determine the necessary seeding rates to produce satisfactory prairie forb sods from seeds. Initially, we spread seeds onto the surface of a soilless substrate (internally layered with cheesecloth as a root binder) and allowed them to germinate under an intermittent mist.

After 10 weeks, we evaluated sod stability and determined that the seed rates required to establish satisfactory sods were as follows: butterfly weed (*Asclepias tuberosa*) [88 kg/ha], purple coneflower (*Echinacea purpurea*) [107 kg/ha], dense blazingstar (*Liatris spicata*) [214 kg/ha], prairie coneflower (*Ratibida columnifera*) [27 kg/ha], and black-eyed Susan (*Ratibida hirta*) [4 kg/ha].

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