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Sample Typescript

Experiments with Seed-Grown Prairie Forb Sod (Massachusetts)

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We used a modified sodding technique to determine the necessary seeding rates to produce satisfactory prairie forb sods from seeds. Initially, we sowed seeds onto the surface of a soilless substrate, internally layered with cheesecloth as a root binder, allowing them to germinate under an intermittent mist. After 10 weeks, we evaluated sod stability (percent cover, plant quality and root growth). From the plants tested we determined that the seed rates required to establish satisfactory sods were as follows: butterfly weed (Asclepias tuberosa) [88.0 kg/ha]; purple coneflower (Echinacea purpurea) [107.0]; dense blazingstar (Liatris spicata) [214.0]; prairie coneflower (Ratibida columnaris) [27.0]; and black-eyed Susan (Rudbeckia hirta) [3.6].

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