

Verbena hastata

Blue Vervain

Preferred Water Depth and Inundation Tolerance

Species tolerates moderate inundation of 0-8 inches of water as found in wet prairies, stream banks, and marshes.

Wildlife Value

Seeds are eaten by wildlife. Attracts butterflies. Small mammals eat shoots.

Application/Zone

Used in upper shoreline zones, for streambank stabilization, and in vegetated swales.

Availability, Establishment, and Maintenance

- Seed is widely available from commercial vendors.
- Propagation is easy by seed. Seed may need cold, moist stratification at 33-38° F for 30-90 days. Alternatively, some have found best germination of seed when stored dry at 40° F then shifted to 70° F with light. Sow on the surface of the soil because seeds require light to germinate.
- Division works well in the spring. Cuttings work well in the summer.
- This is a good pioneer species.

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Mature Height

Up to 5 feet

Plant Type

Perennial herb

Indicator Status

Facultative Wet (+)

pH

6-7

Nutrient Load Tolerance

Moderate to high

Salt Tolerance

Moderate to high

Siltation Tolerance

Moderate to high

Flowering Color and Time

Purple/Blue

July to September

Light Preference

Full sun

Seeding Rate

.015 - .125 lbs/acre

