Plant Name: Illinois Bundleflower
Scientific name: *Desmanthus illinoensis*

Short Description:
Illinois bundleflower is a native warm-season perennial leguminous forb with a unique fern-like appearance.

Description:
Illinois bundleflower is a native warm-season perennial leguminous forb adapted to the central and eastern regions of the United States extending from Mexico into Canada. Illinois bundleflower is found in prairie remnants, sloughs, woodland edges, or disturbed areas. It does best on medium textured soils, but will grow on a wide range of soils with an annual rainfall range of 16 to 32 inches. The seeds are readily consumed by upland game birds and the plant is highly palatable livestock and deer. Illinois bundleflower is an attractive plant in the landscape because of its unique fern appearance and the closing and opening of the leaves in response to sunlight and heat.

Use:
**Landscape:** attractive in mass plantings as well as in species mixes  
**Wildlife:** seed is a food source; insect attractant and cover for game birds  
**Livestock:** highly palatable and nutritious legume

Taxonomic Classification:
Illinois Bundleflower

- Kingdom: Plantae
- Subkingdom: Tracheobionta
- Superdivision: Spermatophyta
- Division: Magnoliophyta
- Class: Magnoliopsida
- Subclass: Asteridae
- Order: Asterales
- Family: Asteraceae
- Genus: *Desmanthus*
- Species: *Desmanthus illinoensis*

Plant Characteristics:
- Height: 18 to 48 inches
- Growth habit: multiple stems from a central crown
- Bloom color: white globe shaped flowers
- Bloom period: late spring and early summer
- Sun requirement: full sun
- Leaf foliage color: green fern-like appearance
- Seeds per pound: 85,000
- Minimum soil temperature for germination: 65 degrees F
- Soil pH range: 5.5 to 8.0
- Planting Rate: 4 oz/1000 or 10 lbs/acre
- Planting Depth: ½ inch
- Planting season: spring; fall