

**Showy Partridge Pea (*Chamaecrista fasciculata*)**

Native, warm season annual legume. Approximately 57,000 seeds per pound.

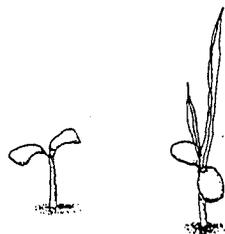
Seedling Identification Tips: Small sized, squarish cotyledons. True leaves arise one at a time on an upright stem and are compound with several leaflets.



**Alfalfa (*Medicago sativa*)**

Introduced, cool season perennial legume. Approximately 200,000 seeds per pound.

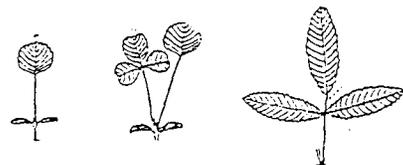
Seedling Identification Tips: True leaves arise one at a time with the first leaf unifoliate with the second trifoliate. The leaf margin is less than 1/2 serrated.



**Thickspike Gayfeather (*Liatris pycnostachya*)**

Native, warm season perennial. Approximately 110,000 seeds per pound.

Seedling Identification Tips: Thick, elongated cotyledons are dark green with squarish tips. True leaves arise one at a time, are long and narrow with a lighter green midrib.



**Sweetclover (*Melilotus officinalis*)**

Introduced, cool season biannual legume. Approximately 260,000 seeds per pound.

Seedling Identification Tips: True leaves arise one at a time with the first leaf unifoliate with the second trifoliate. The leaf margin is more than 1/2 serrated.

**References**

Line drawings from *Growing Native Wildflowers* used by permission from the Kansas Wildflower Society, February 1999.

*Growing Native Wildflowers*, Kansas Wildflower Society, 1991,1992,1994.

*Grass & Legume Identification*, University of Kentucky, Cooperative Extension Service Publication.

**IDENTIFICATION GUIDE FOR NATIVE FORB SEEDLINGS**



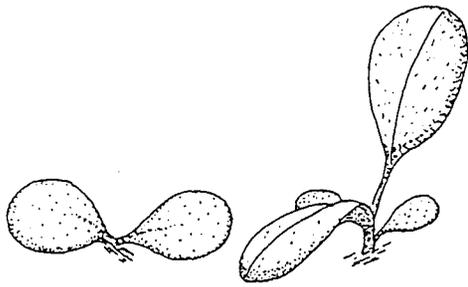
**Roundhead Lespedeza**

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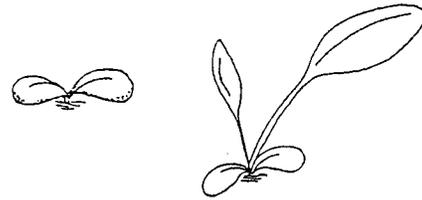
**Manhattan Plant Materials Center  
Manhattan, Kansas**



**Black-eyed Susan (*Rudbeckia hirta*)**

Native, warm season perennial. Approximately 1,500,000 seeds per pound.

Seedling Identification Tips: Elongate cotyledons are rounded at the tip. True leaves arise one at a time, are hairy with erect hairs along the leaf margin.



**Greyhead Prairie Coneflower (*Ratibida pinnata*)**

Native, warm season perennial. Approximately 410,000 seeds per pound.

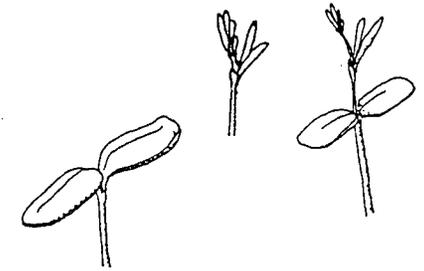
Seedling Identification Tips: Rounded cotyledons are dark green. True leaves arise one at a time, are coarsely hairy, and round to oval in shape. Subsequent leaves have slight notching along the leaf margin.



**Maximilian Sunflower (*Helianthus maximilianii*)**

Native, warm season perennial. Approximately 225,000 seeds per pound.

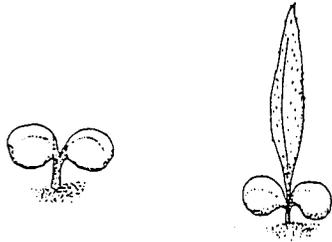
Seedling Identification Tips: Thick, elongated cotyledons are dark green and tapered at the base and rounded at the tip. True leaves arise in pairs, are hairy and four to five times long as wide.



**Purple Prairie Clover (*Dalea purpurea*)**

Native, warm season perennial legume. Approximately 275,000 seeds per pound.

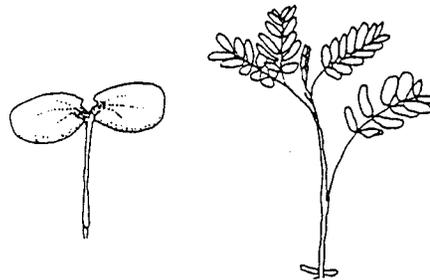
Seedling Identification Tips: Elongate cotyledons are thick and dorsally convex, True leaves arise one at a time from a narrow upright stem. First true leaves are compound with three narrow leaflets.



**Black Samson (*Echinacea angustifolia*)**

Native, warm season perennial. Approximately 97,000 seeds per pound.

Seedling Identification Tips: Circular, small cotyledons attached to the stem directly without stalks. True leaves arise one at a time in an upright position with a prominent mid vein and 2 lateral veins. Leaf edge is hairy.



**Illinois Bundleflower (*Desmanthus illinoensis*)**

Native, warm season perennial legume. Approximately 84,000 seeds per pound.

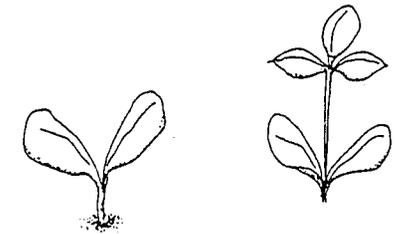
Seedling Identification Tips: Medium sized, round cotyledons are notched at stem attachment. True leaves arise one at a time from an upright reddish stem. First leaves are pinnately compound with 4 or 5 leaflet pairs.



**Pitcher Sage (*Salvia azurea*)**

Native, warm season perennial. Approximately 150,000 seeds per pound.

Seedling Identification Tips: Cotyledons are heart shaped and are notched at point of attachment to the stem. True leaves arise in pairs, are upright, elongated, and have toothed edges.



**Roundhead Lespedeza (*Lespedeza capitata*)**

Native, warm season perennial legume. Approximately 151,000 seeds per pound.

Seedling Identification Tips: Thick, dark green elongated cotyledons are dorsally convex with squared tips. True leaves arise one at a time on an upright stem and are compound with three leaflets.