CINCINNATI NATURE CENTER
NATIVE PLANT CATALOG
Why should you plant native flowers, shrubs, and trees in your yard?

- Native plants are more likely to survive and thrive.
- Once established, native plants are easy to maintain, use less water, and look gorgeous.
- Native plants provide food and shelter for butterflies, bees, birds, and other wildlife.
- Your yard can become a much needed natural space for urban wildlife—and a safe resting spot for migrating animals like birds and Monarch butterflies.
- Your native garden will become an important part of saving our local, natural beauty by stopping invasive plants from taking over our lands.

CLICK HERE to learn how to Plant Native at your home!
NATURE CENTER NATIVE PLANT SPECIES*

*This document contains all species currently being grown at the Nature Center, but does not guarantee items will be in stock at time of sale.

FORBS

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**AARON’S ROD**
*Thermopsis villosa*

**LIGHT**
- Full Sun
- Part Sun
- Shade

**SOIL MOISTURE**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**HEIGHT**
- 3–5 FT

**SPREAD**
- 2–3 FT

**BLOOMS**
- JUL

**BLOOM COLOR**
- Yellow

**TOLERATES**
- Drought, Dry Soil

**BENEFICIAL FOR**
- Bird
- Bee
- Butterfly

**HORTICULTURAL NOTES**
AKA: Carolina Lupine, Carolina Bushpea.
Grown by Carl Krippendorf in what is now called the Herb Wall.

Forb • Perennial

### Golden Alexander

**Zizia aurea**

**Light**

<table>
<thead>
<tr>
<th>Full</th>
<th>Part</th>
<th>Shade</th>
</tr>
</thead>
</table>

**Soil Moisture**

<table>
<thead>
<tr>
<th>Wet</th>
<th>Med/Wet</th>
<th>Med</th>
<th>Med/Dry</th>
<th>Dry</th>
</tr>
</thead>
</table>

**Height**

1.5–3 FT

**Spread**

1–2 FT

**Blooms**

MAY–JUN

**Bloom Color**

Yellow

**Tolerates**

Deer, Clay Soil

**Beneficial For**

- Insects
- Butterflies
- Bees

**Horticultural Notes**

- AKA: Golden Zizia.
- Use in natural meadow/prairie gardens, woodland edge gardens.
- Better massed in formal gardens.
- Host plant for Black Swallowtail butterfly.
- Spreads through self-seeding.

**Forb • Perennial**

# Aromatic Aster
*Symphyotrichum oblongifolium*

**Forb • Perennial**

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug–Oct</td>
<td>Purple</td>
</tr>
</tbody>
</table>

**Tolerates**
Drought, Erosion, Clay Soil, Shallow-Rocky Soil

**Beneficial For**

**Horticultural Notes**
A bushy, stiff stemmed aster that can be used as ground cover if planted in mass. Use in dry, sunny areas of border gardens, prairie gardens, or open shaded areas with enough sunlight. Common name comes from scent of leaves when crushed.

# Crookedstem Aster

*Symphyotrichum prenanthoides*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
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<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td>SHADE</td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEP–OCT</td>
<td>Pale Violet–White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Sandy Soil</td>
<td>🐝 🦋</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Good for woodland garden edges, rain garden edges for full use of its shorter habit and abundant blooms. Self-seeds and spreads moderately through rhizomes.

Forb • Perennial

HEARTLEAF ASTER
Symphyotrichum cordifolium

Grows and flowers best in rich, moist soil in part shade but can tolerate heavy shade. Prune June–July for a more bushier habit come flowering. Readily self-seeds if allowed. Use in a woodland garden edge in mass.
**NEW ENGLAND ASTER**
*Symphyotrichum novae-angliae*

**LIGHT**
- **SOIL MOISTURE**
  - **HEIGHT**
    - **SPREAD**
      - 3–6 FT
      - 2–3 FT
  - **BLOOMS**
    - **BLOOM COLOR**
      - AUG–OCT
      - Deep Purple, Yellow Center
  - **TOLERATES**
    - Clay Soil
  - **BENEFICIAL FOR**
    - ±
  - **HORTICULTURAL NOTES**
    - Adaptable aster good for prairie or naturalized meadow garden. Prune June–July to promote bushier, shorter habit. Spreads through self-seeding.
# Short's Aster

*Symphyotrichum shortii*

![Image of Short's Aster](image)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
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<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
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<tr>
<td>SHADE</td>
<td>MED</td>
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<td></td>
<td>MED/DRY</td>
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<td></td>
<td>DRY</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>0.5–1.5 FT</td>
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</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEP–OCT</td>
<td>Pale Blue/Violet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Dry-Rocky Soil</td>
<td>![Bee and Butterfly]</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Its upright, narrow habit is best used massed in woodland gardens or borders for fuller look. Distinguished from other woodland aster species by larger flowers and smooth leaf margins.
# Smooth Aster

*Symphyotrichum laeve*

**Light**
- Full Sun
- Part Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 2–4 FT

**Spread**
- 1–2 FT

**Blooms**
- Sep–Oct

**Bloom Color**
- Pale Blue/Violet

**Tolerates**
- Drought, Shallow-Rocky Soil

**Beneficial For**
- Bees

**Horticultural Notes**

Best for naturalized, dry meadow/prairie gardens or well-drained slopes in full sun. Tough stems allow it to stay upright through the season.
**CALICO BEARDTONGUE**  
*Penstemon calycosus*

**LIGHT**
- **SOIL MOISTURE**
  - **HEIGHT**
    - 2–3 FT
  - **SPREAD**
    - 1–2 FT
  - **BLOOMS**
    - JUN–JUL
  - **BLOOM COLOR**
    - Pink-White
  - **TOLERATES**
    - Deer, Clay Soil
  - **BENEFICIAL FOR**
    - Honey Bees, Hummingbirds

**HORTICULTURAL NOTES**
Use in mass plantings in formal garden borders or let naturalize in meadow/prairie garden or rain garden edges. Need ample moisture in full sun. Spreads readily by self-seeding. Early season blooms are highly visited by pollinators and hummingbirds.
**FOXGLOVE BEARDTONGUE**  
*Penstemon digitalis*

![Image of Foxglove Beardtongue](image)

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

3–5 FT

**SPREAD**

1.5–2 FT

**BLOOMS**

APR–JUN

**BLOOM COLOR**

White

**TOLERATES**

Deer, Drought, Clay Soil, Dry Soil

**BENEFICIAL FOR**

![Birds, Bees, Butterflies]

**HORTICULTURAL NOTES**

Use in mass plantings in formal garden borders or let naturalize in meadow/prairie gardens. Spreads readily by self-seeding. Early season blooms are highly visited by pollinators and occasionally hummingbirds.

**Forb • Perennial**  
# Hairy Beardtongue

*Penstemon hirsutus*

**Light**

<table>
<thead>
<tr>
<th>Full</th>
<th>Part</th>
<th>Shade</th>
</tr>
</thead>
</table>

**Soil Moisture**

<table>
<thead>
<tr>
<th>Wet</th>
<th>Med/Wet</th>
<th>Med</th>
<th>Med/Dry</th>
<th>Dry</th>
</tr>
</thead>
</table>

**Height**

1–2 FT

**Spread**

0.5–1 FT

**Blooms**

May–Jun

**Bloom Color**

Lavender

**Tolerates**

Deer, Rabbit, Dry Soil

**Beneficial For**

![Insects](image)

**Horticultural Notes**

A smaller member of the Beardtongue family, it’s still an excellent early season bloom for pollinators. Use in border gardens, or in the front of prairie/meadow gardens.
**TALL BELLFLOWER**
*Campanulastrum americana*

<table>
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<th>SOIL MOISTURE</th>
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<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
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<td></td>
<td>MED/DRY</td>
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<td></td>
<td>DRY</td>
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</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
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<tbody>
<tr>
<td>3–6 FT</td>
<td>1–2 FT</td>
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</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>Lavender</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade</td>
<td>Bee, Butterfly</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Grows as an annual or biennial depending on when seed germinates. Tolerates more sunlight if soil is consistently moist but does best in part shade in heat of summer. Use in lightly shaded woodland gardens. Persists in the garden through self-seeding. Allow to naturalize for best results.

Forb • Annual/Biennial  www.CincyNature.org
WILD BERGAMOT
*Monarda fistulosa*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

2-4 FT

**SPREAD**

2-3 FT

**BLOOMS**

JUL-SEP

**BLOOM COLOR**

Pink/Lavender

**TOLERATES**

Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil, Black Walnut

**BENEFICIAL FOR**

Bird, Bee, Butterfly, Caterpillar

**HORTICULTURAL NOTES**

AKA: Bee Balm. Tolerates a wide range of growing conditions. Blooms best in full sun with consistent moisture. Use massed or naturalized in meadow/prairie garden, in sunnier location of woodland gardens, or edges of rain gardens. A must have for pollinator gardens.

Forb • Perennial

# Black-Eyed Susan
*Rudbeckia hirta*

- **Light:** Full
- **Soil Moisture:** Med
- **Height:** 2–3 FT
- **Spread:** 1–2 FT
- **Blooms:** Jun–Sep
- **Bloom Color:** Yellow to Orange-Yellow
- **Tolerates:** Deer, Drought, Clay Soil
- **Beneficial for:**
  - Birds
  - Bees
  - Butterflies

**Horticultural Notes:**
Considered an annual to short-lived perennial, but readily persist through self-seeding if allowed. A pioneering species, use in newly made meadow/prairie gardens where it will provide blooms and control weeds while slower growing prairie species establish.
# SWEET BLACK-EYED SUSAN
*Rudbeckia subtomentosa*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
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<tbody>
<tr>
<td>[FULL]</td>
<td>[WET]</td>
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<tr>
<td>[PART]</td>
<td>[MED/WET]</td>
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<td>[MED/DRY]</td>
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<td>[DRY]</td>
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<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
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<tbody>
<tr>
<td>3–5 FT</td>
<td>1–2 FT</td>
</tr>
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<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–OCT</td>
<td>Yellow</td>
</tr>
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<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Clay Soil</td>
<td>[Birds, Bees, Butterflies]</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Native to central U.S. but a valuable additional to any native plant garden. Use in rear of border gardens, woodland gardens, prairie/meadow gardens, or edges of rain garden.
**Dense Blazing Star**
*Liatris spicata*

**Light**
- **Part Shade**

**Soil Moisture**
- **Med/Wet**

**Height**
- **2–4 FT**

**Spread**
- **0.75–1.5 FT**

**Blooms**
- **Jul-Aug**

**Bloom Color**
- **Red-Purple**

**Tolerates**
- **Drought, Clay Soil**

**Beneficial For**
- **Birds, Bees, Butterflies**

**Horticultural Notes**
- **AKA:** Marsh Blazingstar.
- Prefers well drained but consistently moist soil.
- Susceptible to browse by deer/rabbit, keep caged until established.
- Use massed or naturalized in meadow/prairie gardens, rain garden edges.

*Forb • Perennial*
### BIENNIAL BEE BLOSSOM
*Oenothera gaura*

**LIGHT**

*FULL*, *PART*, SHADE

**SOIL MOISTURE**

WET, MED/WET, MED, MED/DRY, DRY

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–7 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>White-Pink</td>
</tr>
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<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Shallow-Gravel Soil</td>
<td>🐝 🐝</td>
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</table>

**HORTICULTURAL NOTES**

An attractive late bloomer that is best used in natural meadow/prairie gardens where it can freely self-seed.
**VIRGINIA BLUEBELL**
*Mertensia virginica*

*Forb • Perennial*

- **LIGHT**: PART
- **SOIL MOISTURE**: MED/WET

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5–2 FT</td>
<td>1–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR–APR</td>
<td>Blue, Pinkish Purple</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Rabbit</td>
<td><img src="https://www.cincynature.org/assets/images/bee.png" alt="Bee" /></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

One of the most beautiful spring ephemerals for woodland gardens, slowly forming colonies from seed in favorable conditions. Dies back into dormancy in summer.
**BLUE-EYED GRASS**
*Sisyrinchium angustifolium*

**Forb • Perennial**

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
1–1.5 FT

**SPREAD**
1–1.5 FT

**BLOOMS**
MAY–JUN

**BLOOM COLOR**
Blue-Violet

**TOLERATES**
Deer, Rabbit, Wet Soil

**BENEFICIAL FOR**

**HORTICULTURAL NOTES**
Actually a member of the Iris family *iridaceae*, but often confused for a grass till it blooms. Prefers consistently moist soils.

Use on edges of border gardens, woodland gardens.

Can self-seed in optimum conditions.

Divide every 2–3 years to promote plant vigor.

# Eastern Bluestar

*Amsonia tabernaemontana*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>Pale Blue/Violet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil</td>
<td>Bird, Insect, Butterfly</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Best grown in full sun in typical garden soil for bushier habit. Can become floppy in shadier, rich (heavily mulched) gardens. Good early season bloom for pollinators and hummingbirds.
# Threadleaf Bluestar

*Amsonia hubrichtii*

**Light**: Full sun to part shade

**Soil Moisture**: Wet to dry

**Height**: 2–3 FT

**Spread**: 2–3 FT

**Blooms**: May–Jun

**Bloom Color**: Pale Blue/Violet

**Tolerates**: Deer

**Beneficial For**: Deer

**Horticultural Notes**: Best massed or in groupings. Use in garden borders, woodland edge gardens. Best fall color in full sun but longer flowering in part shade.

![Threadleaf Bluestar](image)
**COMMON BONESET**  
*Eupatorium perfoliatum*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>MED/DRY</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>WET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>4–6 FT</td>
<td>3–4 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay, Wet Soil, Deer</td>
<td></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

AKA: Thoroughwort.
Grows well in a wide range of soil types with consistent moisture.
Tall habit good for middle of rain gardens or low wet areas of naturalized meadow/prairie garden.
Good late season food source for pollinators.
**Late Boneset**

*Eupatorium serotinum*

**Horticultural Notes**

- Grows best in rich soil with adequate moisture but tolerates drier conditions. It is an excellent late summer nectar source for a wide range of insects. Best used massed in prairie/meadow gardens.

---

### Light

<table>
<thead>
<tr>
<th>Full Sun</th>
<th>Part Shade</th>
<th>Shade</th>
</tr>
</thead>
</table>

### Soil Moisture

<table>
<thead>
<tr>
<th>Wet</th>
<th>Med/Wet</th>
<th>Med</th>
<th>Med/Dry</th>
<th>Dry</th>
</tr>
</thead>
</table>

### Height

- 3–6 FT

### Spread

- 1–2 FT

### Blooms

- Aug–Oct

### Bloom Color

- White

### Tolerates

- Deer, Rabbit, Clay Soil

### Beneficial For

- Bees, butterflies, and other pollinators

---

*Forb • Perennial*
# Tall Boneset

*Eupatorium altissimum*

![Tall Boneset](Image)

**Light**

- **FULL**
- **PART**
- **SHADE**

**Soil Moisture**

- **WET**
- **MED/WET**
- **MED**
- **MED/DRY**
- **DRY**

**Height**

2–6 FT

**Spread**

2–3 FT

**BLOOMS**

AUG–OCT

**Bloom Color**

White

**Tolerates**

Deer, Dry Soil

**Beneficial For**

- Bee
- Butterfly

**Horticultural Notes**

A good late summer/early fall food source for pollinators. Use naturalized in meadow/prairie gardens or sunny edges of woodland gardens.

*Forb • Perennial*  
BROWN-EYED SUSAN
*Rudbeckia triloba*

**LIGHT**
- **FULL**
- **PART**
- **SHADE**

**SOIL MOISTURE**
- **WET**
- **MED/WET**
- **MED**
- **MED/DRY**
- **DRY**

**HEIGHT**
- 2–3 FT

**SPREAD**
- 1–1.5 FT

**BLOOMS**
- JUL–OCT

**BLOOM COLOR**
- Yellow

**TOLERATES**
- Deer, Drought

**BENEFICIAL FOR**
- [Bee](#), [Bird](#), [Butterfly](#)

**HORTICULTURAL NOTES**

**Bundleflower**
*Desmanthus illinoensis*

**Light** | **Soil Moisture**
---|---
FULL | WET
PART | MED/WET
SHADE | MED/DRY

**Height** | **Spread**
---|---
2–3 FT | 2–3 FT

**Blooms** | **Bloom Color**
---|---
JUNE | White

**Tolerates**
Drought, Dry Soil, Shallow-Rocky Soil

**Beneficial For**
[Image of birds, bees, and butterflies]

**Horticultural Notes**
AKA: Prairie Mimosa. Best used informally in drier areas of meadow/prairie gardens.

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ROUND-HEADED BUSHCLOVER
Lespedeza capitata

LIGHT
- FULL
- PART
- SHADE

SOIL MOISTURE
- WET
- MED/WET
- MED
- MED/DRY
- DRY

HEIGHT
- 2–4 FT

SPREAD
- 1–2 FT

BLOOMS
- JUL–SEP

BLOOM COLOR
- White

TOLERATES
- Drought, Clay Soil,
  Shallow-Rocky Soil

BENEFICIAL FOR
- [Image of pollinators]

HORTICULTURAL NOTES
- Susceptible to deer/rabbit browse.
- Host species to a number of butterfly species.
- Use massed or informally in dry areas of meadow/prairie gardens.

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# CARDINAL FLOWER
*Lobelia cardinalis*

**LIGHT**
- Full Sun: 1
- Part Shade: 1
- Shade: 1

**SOIL MOISTURE**
- Wet: 1
- Med/Wet: 1
- Med: 1
- Med/Dry: 1
- Dry: 1

**HEIGHT**
- 2–4 FT

**SPREAD**
- 1–2 FT

**BLOOMS**
- Jul–Sep

**BLOOM COLOR**
- Red

**TOLERATES**
- Deer, Rabbit, Wet Soil

**BENEFICIAL FOR**
- Bird, Insect, Butterfly

**HORTICULTURAL NOTES**
Requires constant soil moisture. Use in rain gardens, around ponds, or in shadier wet areas of woodland gardens. Late summer source of nectar for hummingbirds.
# Carpenter's Square

*Scrophularia marilandica*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Sun</td>
<td>WET</td>
</tr>
<tr>
<td>Part Shade</td>
<td>MED/WET</td>
</tr>
<tr>
<td>Shade</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–10 FT</td>
<td>3–6 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul–Sep</td>
<td>Green-Maroon</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer</td>
<td>Animal</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Not overly showy, but abundance of nectar in its interesting blooms attracts many pollinators and hummingbirds. Use in woodland gardens or rear of shaded border gardens.
**ROYAL CATCHFLY**  
*Silene regia*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="sun.png" alt="Sun" /></td>
<td><img src="wet.png" alt="Wet" /></td>
</tr>
<tr>
<td><img src="part_sun.png" alt="Part Sun" /></td>
<td><img src="med_wet.png" alt="Med/Wet" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="med.png" alt="Med" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="med_dry.png" alt="Med/Dry" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="dry.png" alt="Dry" /></td>
</tr>
</tbody>
</table>

**HEIGHT**  
3–4 FT

**SPREAD**  
1.5–2 FT

**BLOOMS**  
JUL–AUG

**BLOOM COLOR**  
Red

**TOLERATES**  
Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

**BENEFICIAL FOR**  
Birds, Butterflies

**HORTICULTURAL NOTES**  
Grows best in well drained soil. Best informally mixed in meadow/prairie gardens. Ruby-throated hummingbirds readily attracted to its red flowers.

Forb • Perennial  
**RED COLUMBINE**  
*Aquilegia canadensis*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

- 2–3 FT

**SPREAD**

- 1–1.5 FT

**BLOOMS**

- APR–MAY

**BLOOM COLOR**

- Red/Pink and Yellow

**TOLERATES**

- Deer, Rabbit, Dry Soil Once Established

**BENEFICIAL FOR**

- 

**HORTICULTURAL NOTES**

Grows in a wide range of garden soil conditions and locations. Consistently moist soil will keep attractive foliage through the growing season.
### Compass Plant

*Silphium laciniatum*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–10 FT</td>
<td>1.5–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-AUG</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Dry Soil, Drought</td>
<td>Birds, Bees, Butterflies</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Common name refers to the leaves tendency to be oriented in a north-south direction. In ideal conditions it can live to be 100 years old with a taproot 15 ft deep! Use in rear of border gardens, naturalized prairie/meadow gardens.
**CUTLEAF CONEFLOWER**
*Rudbeckia laciniata*

**LIGHT**
- **SOIL MOISTURE**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀ FULL</td>
<td>☔ WET</td>
</tr>
<tr>
<td>☀ PART</td>
<td>☔ MED/WET</td>
</tr>
<tr>
<td>☀ SHADE</td>
<td>☔ MED</td>
</tr>
<tr>
<td>☔ MED/DRY</td>
<td>☔ DRY</td>
</tr>
</tbody>
</table>

**HEIGHT**
- 2–9 FT

**SPREAD**
- 1.5–3 FT

**BLOOMS**
- JUL–SEP

**BLOOM COLOR**
- Yellow

**TOLERATES**
- Deer

**BENEFICIAL FOR**
- [HORTICULTURAL NOTES](#)

Grows best in part shade with well drained, moist soil. Use in rain gardens, stream/pond edges. Spreads readily through rhizomes under ideal conditions.
LONG-HEADED CONEFLOWER
*Ratibida columnifera*

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 1-3 FT

**SPREAD**
- 1-1.5 FT

**BLOOMS**
- JUN-SEP

**BLOOM COLOR**
- Yellow-Maroon

**TOLERATES**
- Dry Soil, Shallow-Rocky Soil, Drought

**BENEFICIAL FOR**
- [Bird](#)
- [Butterfly](#)
- [Insect](#)

**HORTICULTURAL NOTES**
AKA: Mexican Hat, Upright Prairie Coneflower. Grows best in dry conditions in infertile soil where it isn’t easily outcompeted by more aggressive plants. Use massed as individuals are sparsely leaved. Good for sunny border gardens next to hardscape, dry areas of prairie/meadow gardens.
# PALE PURPLE CONEFLOWER
*Echinacea pallida*

- **Light**: Full sun to part shade
- **Soil Moisture**: Light soil to moist
- **Height**: 2–3 ft
- **Spread**: 1–1.5 ft
- **Bloom Period**: Jun–Jul
- **Bloom Color**: Pale Purple/Pink
- **Tolerates**: Deer, Clay Soil, Shallow-Rocky Soil, Drought
- **Beneficial For**: Hummingbirds, butterflies

**Horticultural Notes**

Not as showy as purple coneflower, but blooms earlier and handles drier, poor soil conditions better. Use in mass or naturalized in prairie/meadow gardens, border gardens, sunnier spots in woodland gardens. Can spread through self-seeding if the birds don’t get to them first.

---

**Forb • Perennial**

**PURPLE CONEFLOWER**
*Echinacea purpurea*

- **Light**: Full Sun
- **Soil Moisture**: Light Soil, Moisture Tolerates: Wide Range of Soil Conditions, Beneficial for: Deer, Drought

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–5 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>Purple-Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grows in a wide range of garden conditions but best in full sun. Used massed in meadow/prairie gardens, border gardens, and sunnier spots in woodland gardens. Can spread through self-seeding if birds don’t get to them first.</td>
</tr>
</tbody>
</table>
YELLOW CONEFLOWER  
*Ratibida pinnata*

**LIGHT** | **SOIL MOISTURE**
---|---
FULL | WET
PART | MED/WET
SHADE | MED

**HEIGHT** | **SPREAD**
3–5 FT | 1.5–2 FT

**BLOOMS** | **BLOOM COLOR**
JUN–OCT | Yellow

**TOLERATES**
Clay, Sandy Soil, Drought Once Established

**BENEFICIAL FOR**
- [image of bird]
- [image of bee]
- [image of butterfly]
- [image of caterpillar]

**HORTICULTURAL NOTES**
AKA: Gray-headed Coneflower, Pinnate Prairie Coneflower. Best used massed or naturalized in meadow/prairie gardens, in the middle or back of border gardens. May need support as it can become floppy in fertile garden conditions.

Forb • Perennial  
**LANCE-LEAVED COREOPSIS**
*Coreopsis lanceolata*

![Lance-leaved Coreopsis](image)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Full Sun" /></td>
<td><img src="image" alt="Wet" /></td>
</tr>
<tr>
<td><img src="image" alt="Partial Sun" /></td>
<td><img src="image" alt="Med/Wet" /></td>
</tr>
<tr>
<td><img src="image" alt="Shade" /></td>
<td><img src="image" alt="Med" /></td>
</tr>
<tr>
<td><img src="image" alt="Med/Dry" /></td>
<td><img src="image" alt="Dry" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–2 FT</td>
<td>1–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Heat, Humidity, Shallow-Rocky Soil</td>
<td><img src="image" alt="Bird" />, <img src="image" alt="Bee" />, <img src="image" alt="Butterfly" /></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

AKA: Lance-leaf Tickseed. Use in borders, dry, poor soil areas of meadow/prairie gardens. Spreads readily through self-seeding.
# Plains Coreopsis

*Coreopsis tinctoria*

**Light**
- Full Sun
- Part Sun
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 2–4 FT

**Spread**
- 1–1.5 FT

**Bloom Period**
- Jun–Sep

**Bloom Color**
- Yellow, Maroon

**Tolerates**
- Deer
- Drought
- Clay Soil
- Shallow-Rocky Soil

**Beneficial For**
- Pollinators

**Horticultural Notes**
- AKA: Golden Tickseed, Calliopsis.
- Readily self-seeds if allowed. Deadhead spent flowers to prolong blooming period and control spread. Use massed in dry areas of border gardens, naturalized prairie/meadow gardens.

---

*Forb • Annual*  

# PRAIRIE COREOPSIS

*Coreopsis palmata*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

1.5–2.5 FT

**SPREAD**

1–1.5 FT

**BLOOMS**

MAY–JUL

**BLOOM COLOR**

Yellow

**TOLERATES**

Deer, Drought, Dry Soil, Shallow-Rocky Soil

**BENEFICIAL FOR**

- [ ] 
- [ ]

**HORTICULTURAL NOTES**

Best naturalized in meadow/prairie gardens. Spreads from seeds and through rhizomes. Good for areas with poor, dry soils.
TALL COREOPSIS
Coreopsis tripteris

LIGHT

SOIL MOISTURE

HEIGHT
2–8 FT

SPREAD
2–3 FT

BLOOMS
JUL–SEP

BLOOM COLOR
Yellow

TOLERATES
Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

BENEFICIAL FOR

HORTICULTURAL NOTES
Grows in a wide range of garden conditions. Reaches its full height and spread in fertile soil with consistent moisture. Use in the back of border gardens, naturalized in meadow/prairie gardens. Readily self-seeds and can form colonies in optimum conditions.
**CULVER’S ROOT**  
*Veronicastrum virginicum*

- **LIGHT**  
  - FULL  
  - PART  
  - SHADE
- **SOIL MOISTURE**  
  - WET  
  - MED/WET  
  - MED  
  - MED/DRY  
  - DRY

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>4–6 FT</td>
<td>2–4 FT</td>
</tr>
</tbody>
</table>

- **BLOOMS**  
  - JUN–SEP
- **BLOOM COLOR**  
  - White, Pale Pink

- **TOLERATES**  
  - Deer, Wet Soil, Clay Soil
- **BENEFICIAL FOR**  
  - 🦡  
  - 🦕

- **HORTICULTURAL NOTES**
  
  Use in rain gardens, wet/low areas of meadow/prairie gardens.
**CUP PLANT**  
*Silphium perfoliatum*

![Image of Cup Plant](image)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀ FULL</td>
<td>☁ WET</td>
</tr>
<tr>
<td>☀ PART</td>
<td>☁ MED/WET</td>
</tr>
<tr>
<td>☀ SHADE</td>
<td>☁ MED</td>
</tr>
<tr>
<td>☀ SHADE</td>
<td>☁ MED/DRY</td>
</tr>
<tr>
<td>☀ SHADE</td>
<td>☁ DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>4–8 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Wet Soil</td>
<td>🐦Apis, 🌿Butterflies</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Use in wet/low meadow/prairie gardens with plenty of space, rain gardens, stream/pond edges, back of border gardens.
HEARTLEAF FOUR O’CLOCK

Mirabilis nyctaginea

LIGHT

SOIL MOISTURE

FULL ☀  PART ☁ SHADE ○

WET ☐ MED/WET ☐ MED ☐ MED/DRY ☐ DRY ☐

HEIGHT

2–4 FT

SPREAD

2–3 FT

BLOOMS

JUN–AUG

BLOOM COLOR

Pink

TOLERATES

Deer, Drought, Clay Soil, Shallow-Rocky Soil

BENEFICIAL FOR

HB, BT, MB

HORTICULTURAL NOTES

Lasting only for a day, flowers open in the late afternoon and remain open at night. Spreads readily from self-seeding.
AMERICAN GERMANDER
*Teucrium canadense*

**LIGHT**
- FULL SUN
- PARTIAL SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MEADOW/DRY
- DRY

**HEIGHT**
- 1.5–3 FT

**SPREAD**
- 1.5–3 FT

**BLOOMS**
- JUN–SEP

**BLOOM COLOR**
- Purple/White

**TOLERATES**
- Deer, Rabbit,
  - Wet, Well-Drained Soil

**BENEFICIAL FOR**
- Wildlife

**HORTICULTURAL NOTES**
Tolerates various soil types but thrives in consistently moist, well drained areas. Spreads aggressively via rhizomes and seeds in optimum conditions. Use in naturalized prairie/meadow gardens, edges of rain gardens, or ponds/streams, moist woodland edges.

*Forb • Perennial*
# Wild Ginger

*Asarum canadense*

**Light**

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med/Dry</td>
</tr>
</tbody>
</table>

**Height**

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5–1 FT</td>
<td>1–2 FT</td>
</tr>
</tbody>
</table>

**Blooms**

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>Purplish Brown</td>
</tr>
</tbody>
</table>

**Tolerates**

- Deer
- Rabbit
- Wet Soil
- Erosion
- Heavy Shade

**Beneficial For**

- Ants
- Bees

**Horticultural Notes**

Not a true ginger, but aromatic rhizomes have a similar fragrance and flavor. Grows best in consistently moist soil in heavy shade. Spreads slowly by rhizomes to form a ground cover. Use in woodland garden, heavy shaded border gardens.
## Glade Mallow
*Napaea dioica*

### Horticultural Notes
Dioecious (separate male and female plants). Does best in part shade with consistently moist soil. Use in rain gardens, middle/back of woodland gardens, edges of meadow/prairie gardens, pond/stream edges.

### Light

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med/DRY</td>
</tr>
</tbody>
</table>

### Height
4–8 FT

### Spread
2–3 FT

### Blooms
JUN–AUG

### Bloom Color
White

### Tolerates
Clay Soil, Wet Soil

### Beneficial For
![Bee](bee-icon.png)
![Butterfly](butterfly-icon.png)
## ELM-LEAVED GOLDENROD
*Solidago ulmifolia*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL SUN</td>
<td>WET</td>
</tr>
<tr>
<td>PART SUN</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–4 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–OCT</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Clay, Dry Soil</td>
<td>🐝 🦋</td>
</tr>
</tbody>
</table>

**HO RTICULTURAL NOTES**

Use in border gardens, along margin of woodland gardens. Can spread through seeds and form colonies via rhizomes, but less aggressive than other goldenrods.
## Gray Goldenrod
*Solidago nemoralis*

**Light**

<table>
<thead>
<tr>
<th><strong>Full Sun</strong></th>
<th><strong>Part Shade</strong></th>
<th><strong>Shade</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Soil Moisture**

<table>
<thead>
<tr>
<th><strong>Wet</strong></th>
<th><strong>Med/Wet</strong></th>
<th><strong>Med</strong></th>
<th><strong>Med/Dry</strong></th>
<th><strong>Dry</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Height**

- 0.5–2 ft

**Spread**

- 0.5–2 ft

**Blooms**

- Aug–Oct

**Bloom Color**

- Yellow

**Tolerates**

- Deer, Drought, Shallow-Rocky Soil, Dry/Poor soil

**Beneficial For**

- Pollinators

**Horticultural Notes**

AKA: Old Field Goldenrod.
A short goldenrod species best used in dry naturalized garden areas where it’s rhizomatous and self-seeding habits are desired.

---

**Forb • Perennial**

## Riddell’s Goldenrod

*Solidago riddellii*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>![FULL]</td>
<td>![WET]</td>
</tr>
<tr>
<td>![PART]</td>
<td>![MED/WET]</td>
</tr>
<tr>
<td>![SHADE]</td>
<td>![MED]</td>
</tr>
<tr>
<td>![FULL]</td>
<td>![MED/DRY]</td>
</tr>
<tr>
<td>![PART]</td>
<td>![DRY]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEP–OCT</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, wide range of soil conditions with adequate moisture</td>
<td><img src="https://example.com/bird.png" alt="Bird" /> <img src="https://example.com/bee.png" alt="Bee" /> <img src="https://example.com/butterfly.png" alt="Butterfly" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent fall food source for pollinators.</td>
</tr>
<tr>
<td>Does not spread aggressively like other goldenrods.</td>
</tr>
<tr>
<td>Use in rain gardens, wet areas of prairie/ meadow gardens, edges of streams/ponds.</td>
</tr>
</tbody>
</table>

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SHOWY GOLDENROD  
*Solidago speciosa*

**LIGHT**
- **FULL**
- **PART**
- **SHADE**

**SOIL MOISTURE**
- **WET**
- **MED/WET**
- **MED**
- **MED/DRY**
- **DRY**

**HEIGHT**
- 2–3 FT

**SPREAD**
- 2–3 FT

**BLOOMS**
- JUL–SEP

**BLOOM COLOR**
- Yellow

**TOLERATES**
- Deer, Drought, Clay Soil

**BENEFICIAL FOR**
- 🐝 🦋

**HORTICULTURAL NOTES**
A rhizomatous spreader that is best used in dry areas of meadow/ prairie gardens.
# STIFF GOLDENROD
*Solidago rigida*

![Image of Stiff Goldenrod](image)

### Horticultural Notes
- Excellent fall food source for pollinators.
- Does not spread aggressively like other goldenrods.
- Use in border gardens, massed or naturalized in meadow/prairie gardens.

### Light
- **Full Sun**
- **Part Shade**
- **Shade**

### Soil Moisture
- **Wet**
- **Med/Wet**
- **Med**
- **Med/Dry**
- **Dry**

### Height
- 3–5 FT

### Spread
- 1.5–2.5 FT

### Blooms
- Aug–Sep

### Bloom Color
- Yellow

### Tolerates
- Deer, Clay Soil

### Beneficial For
- [ ]
  - [ ]
  - [ ]

### Forb • Perennial
## WREATH GOLDENROD
*Solidago caesia*

### Horticultural Notes

AKA: Bluestem Goldenrod.

A non-spreading, clump forming goldenrod.

Use in shaded border gardens, woodland gardens.

### Light

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

### Height

1.5–3 FT

### Spread

1.5–3 FT

### Blooms

AUG–SEP

### Bloom Color

Yellow

### Tolerates

Deer, Drought, Clay Soil

### Beneficial For

Bee, Butterfly

Forb • Perennial

## ZIGZAG GOLDENROD
*Solidago flexicaulis*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–NOV</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Heavy Shade</td>
<td>🦃 🐝 🦋</td>
</tr>
</tbody>
</table>

### HORTICULTURAL NOTES
AKA: Broadleaf Goldenrod.
Use in woodland garden, shaded border gardens.
**HONEWORT**  
*Cryptotaenia canadensis*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL SHINE</td>
<td>MED/Dry</td>
</tr>
<tr>
<td>PART LIGHT</td>
<td>MED/Med/Wet</td>
</tr>
<tr>
<td>SHADE</td>
<td>WET/Med/Med/Wet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3 FT</td>
<td>0.75-2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN-SEP</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Heavy Shade</td>
<td><strong>Insects</strong></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

An edible native member of the carrot family that tastes like parsley and can be used similarly. Small white flowers good for pollinators, but not overly showy. Best used in mass in woodland gardens or shaded border gardens.
ANISE HYSSOP
Agastache foeniculum

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

2–4 FT

**SPREAD**

1.5–3 FT

**BLOOMS**

JUN–SEP

**BLOOM COLOR**

Pale Violet

**TOLERATES**

Deer, Rabbit, Clay Soil, Shallow-Rocky Soil, Drought once established

**BENEFICIAL FOR**

Birds, Bees, Butterflies

**HORTICULTURAL NOTES**

Native to upper midwest U.S. Named for its licorice scented leaves that can be used for tea. Excellent nectar source for wildlife. Use in borders, prairie/meadow gardens, and herb gardens.

**Forb • Perennial**

YELLOW GIANT HYSSOP
*Agastache nepetoides*

**LIGHT**
- **FULL**
- **PART**
- **SHADE**

**SOIL MOISTURE**
- **WET**
- **MED/WET**
- **MED**
- **MED/DRY**
- **DRY**

**HEIGHT**
4–6 FT

**SPREAD**
1–3 FT

**BLOOMS**
AUG–SEP

**BLOOM COLOR**
Greenish Yellow

**TOLERATES**
Deer, Rabbit

**BENEFICIAL FOR**

**HORTICULTURAL NOTES**
Not as showy as other members of the *Agastache* genus but just as beneficial for pollinators. Use in back of mixed border garden, partly shaded pollinator gardens, or woodland garden edges.

Forb • Perennial

PALE INDIAN PLANTAIN
Arnoglossum atriplicifolium

LIGHT

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

SOIL MOISTURE

| WET | MED/WET | MED | MED/DRY | DRY |

HEIGHT

3–9 FT

SPREAD

2–4 FT

BLOOMS

JUL–AUG

BLOOM COLOR

White

TOLERATES

Clay Soil, Wet-Well Drained Soil

BENEFICIAL FOR

HORTICULTURAL NOTES

An interesting specimen plant that can become quite tall and spreads through self-seeding in suitable conditions. Needs consistent moisture. Best planted in small groupings. Use in sunnier locations of woodland gardens or prairie/meadow gardens.

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TALL IRONWEED
Vernonia gigantea

LIGHT

SOIL MOISTURE

FULL

WET

HEIGHT

5–8 FT

SPREAD

3–6 FT

PART

MED/WET

BLOOMS

MED

JUL-OCT

BLOOM COLOR

Purple

SHADE

MED/DRY

TOLERATES

BENEFICIAL FOR

Deer, Wet Soil

HORTICULTURAL NOTES

Tall plant for meadow/prairie gardens, edges of rain gardens. Can be pruned in July to keep shorter for smaller border gardens.
# Jacob’s Ladder

*Polemonium reptans*

**Light**

- **Full Shade**

**Soil Moisture**

- **Wet**
- **Med/Wet**
- **Med**
- **Med/Dry**
- **Dry**

**Height**

- 1–1.5 ft

**Spread**

- 0.5–1 ft

**Blooms**

- Mar–May

**Bloom Color**

- Violet

**Tolerates**

- Deer, Full Shade

**Beneficial for**

- **Horticultural Notes**

An excellent spring flower for dapple shaded borders and woodland gardens. Attracts a wide range of bees and butterflies.
Jerusalem Artichoke
Helianthus tuberosus

LIGHT

SOIL MOISTURE

FULL
PART
SHADE

WET
MED/WET
MED
MED/DRY
DRY

HEIGHT
6–10 FT

SPREAD
3–5 FT

BLOOMS
AUG–SEP

BLOOM COLOR
Yellow

TOLERATES
Dry Soil, Shallow/Rocky Soil

BENEFICIAL FOR

HORTICULTURAL NOTES

AKA: Sunchoke or Sunroot.
Cultivated for its eatable tubers but found wild in old fields, thickets, and along streams and roadsides. Use in natural meadow areas or rear of informal garden areas due to its height. Can spread aggressively to form colonies from tubers and seeds, so best to plant in an area where this is desired.
**HOLLOW JOE-PYE WEED**

*Eutrochium fistulosum*

- **LIGHT**
  - **SOIL MOISTURE**
  - **HEIGHT**
    - 4–7 FT
  - **SPREAD**
    - 2–4 FT
  - **BLOOMS**
    - JUL–SEP
  - **BLOOM COLOR**
    - Rosy Pink
  - **TOLERATES**
    - Deer, Wet Soil
  - **BENEFICIAL FOR**
    - [Butterfly], [Bees], [Insects]

**HORTICULTURAL NOTES**

AKA: Trumpetweed. An impressive plant that will need space. Great for attracting butterflies to your garden. Attractive seed heads persist into winter. Prefers consistently moist, rich soils. Use in rear of border gardens, wet areas of prairie/meadow gardens.

Forb • Perennial

**Sweet Joe-Pye Weed**

*Eutrochium purpureum*

- **Light**: Full
- **Soil Moisture**: Med
- **Height**: 4–6 FT
- **Spread**: 2–3 FT
- **Bloom Period**: Jul-Sep
- **Bloom Color**: White, Pink
- **Tolerates**: Deer, Clay Soil, Wet Soil
- **Beneficial For**: Beneficial for bees, butterflies, and other pollinators

**Horticultural Notes**

AKA: Purple Joe-Pye Weed.

More tolerant of shade than other Joe-Pye weed species, but flowers best in full sun. Use in woodland garden edges, wet areas of prairie/meadow gardens, and pond/stream edges.
# VIRGINIA JUMPSEED
*Polygonum virginiana*

**Forb • Perennial**

---

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

2–3 FT

**SPREAD**

3–4 FT

**BLOOMS**

AUG–SEP

**BLOOM COLOR**

Greenish White

**TOLERATES**

Deer, Drought, Wet Soil

**BENEFICIAL FOR**

- Bees

**HORTICULTURAL NOTES**

Best used massed in woodland gardens, shaded border gardens. Can spread readily through rhizomes and seed.

**GREAT BLUE LOBELIA**
*Lobelia siphilitica*

- **LIGHT**: Full sun to partial shade
- **SOIL MOISTURE**: Light to moderate moisture
- **HEIGHT**: 2–3 FT
- **SPREAD**: 1–1.5 FT
- **BLOOMS**: JUL–SEP
- **BLOOM COLOR**: Bluish Purple
- **TOLERATES**: Deer, Wet Soil, Heavy Shade
- **BENEFICIAL FOR**: Bees, Butterflies
- **HORTICULTURAL NOTES**: AKA: Great Lobelia, Blue Cardinal Flower. Intolerant of drought in full sun. Use in rain gardens, wet or low areas of meadow/prairie gardens.

Forb • Perennial

Loosestrife, Winged

Lythrum alatum

WINGED LOOSESTRIFE

LIGHT
- FULL
- PART
- SHADE

SOIL MOISTURE
- WET
- MED/WET
- MED
- MED/DRY
- DRY

HEIGHT
- 1–4 FT

SPREAD
- 1–2 FT

BLOOMS
- JUN–SEP

BLOOM COLOR
- Purple-Pink

TOLERATES
- Clay Soil
- Sandy Soil
- Wet Soil

BENEFICIAL FOR
- Hummingbirds
- Butterflies

HORTICULTURAL NOTES
Native relative of the invasive Purple Loosestrife. Grows in a range of garden conditions but does best in full in soil that is consistently moist. Use in rain gardens, wet areas of meadow/prairie gardens, pond/stream edges.
MAYAPPLE
Podophyllum peltatum

LIGHT

SOIL MOISTURE

FULL

WET

SPREAD

PART

MED/WET

HEIGHT

SHADE

MED

1–1.5 FT

MED/DRY

0.75–1 FT

DRY

BLOOMS

BLOOM COLOR

APRIL

White

TOLERATES

BENEFICIAL FOR

Heavy Shade

HORTICULTURAL NOTES

Prefers dappled sunlight in moist soil with abundant organic matter. Spreads through underground rhizomes to form dense colonies. Fruit eaten by box turtles. Use under mature landscape trees or in woodland gardens.
**PURPLE MEADOW RUE**  
*Thalictrum dasycarpum*

---

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

3–5 FT

**SPREAD**

3–4 FT

**BLOOMS**

MAY–JUN

**BLOOM COLOR**

Purplish White

**TOLERATES**

Rabbit, Deer

**BENEFICIAL FOR**

---

**HORTICULTURAL NOTES**

Separate male/female plants with males having showier flower. Use in rear of border gardens, prairie/meadow gardens, edge of woodland gardens. Does best in shadier conditions in Ohio.
# Tall Meadow Rue

*Thalictrum pubescens*

**Light**

<table>
<thead>
<tr>
<th>Full Shade</th>
<th>Part Shade</th>
<th>Full Sun</th>
</tr>
</thead>
</table>

**Soil Moisture**

<table>
<thead>
<tr>
<th>Full Shade</th>
<th>Part Shade</th>
<th>Full Sun</th>
</tr>
</thead>
</table>

**Height**

3–7 FT

**Spread**

2–3 FT

**Blooms**

JUN–AUG

**Bloom Color**

White

**Tolerates**

Rabbit, Deer, Wet Soil

**Beneficial For**

*Horticultural Notes*

AKA: King of the Meadow.

Grows best in part shade with well drained, moist soil.

Requires constant moisture if planted in full sun.

Use as a background plant in rain gardens, stream/pond edges, low spots of prairie/meadow gardens, or woodland gardens.
## CANADA MILKVETCH
* Astragalus canadensis

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–4 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>White-Pale Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide range of soil conditions</td>
<td>Birds, bees, butterflies</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

An adaptable plant to a range of soil types but must be well-drained. Needs protection from animal browse. Use in sunny border gardens, prairie/meadow gardens, edge of woodland gardens.

Forb • Perennial

**BUTTERFLY MILKWEED**  
*Asclepias tuberosa*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–2.5 FT</td>
<td>1–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>Yellow-Orange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Dry Soil, Shallow-Rocky Soil, Erosion</td>
<td>🐝 🦋</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Use massed or naturalized in dry, sunny locations of border gardens and meadow/prairie gardens.
COMMON MILKWEED
Asclepias syriaca

LIGHT

SOIL MOISTURE

FULL
PART
SHADE
WET
MED/WET
MED
MED/DRY
DRY

HEIGHT

SPREAD

2–6 FT
0.75–1 FT

BLOOMS

BLOOM COLOR

JUN–AUG
Pink

TOLERATES

BENEFICIAL FOR

Deer, Dry Soil, Shallow-Rocky Soil, Drought

HORTICULTURAL NOTES

Best for larger meadow/prairie gardens as it spreads readily through rhizomes and self-seeding. Flowers showy and fragrant.

Forb • Perennial

**SWAMP MILKWEED**  
*Asclepias incarnata*

- **HEIGHT**: 4–5 FT  
- **SPREAD**: 2–3 FT  
- **BLOOMS**: JUN–AUG  
- **BLOOM COLOR**: Pink  
- **TOLERATES**: Deer, Clay Soil, Wet Soil  
- **BENEFICIAL FOR**:  
  - Monarch butterfly caterpillars  
  - Grows well in average garden soils  
  - Use in rain gardens, wet areas of prairie/meadow gardens, border gardens

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

Forb • Perennial  
# Blue Mistflower

*Eupatorium coelestinum*

**Forb • Perennial**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="sun.png" alt="Sun" /></td>
<td><img src="wet.png" alt="Wet" /></td>
</tr>
<tr>
<td><img src="part.png" alt="Part" /></td>
<td><img src="med-wet.png" alt="Med/Wet" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="med.png" alt="Med" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="med-dry.png" alt="Med/Dry" /></td>
</tr>
<tr>
<td><img src="shade.png" alt="Shade" /></td>
<td><img src="dry.png" alt="Dry" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5–3 FT</td>
<td>1.5–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-OCT</td>
<td>Blue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought, Deer</td>
<td><img src="bird.png" alt="Bird" /> <img src="insect.png" alt="Insect" /> <img src="butterfly.png" alt="Butterfly" /></td>
</tr>
</tbody>
</table>

**Horticultural Notes:**

Spreads readily through rhizomes and self-seeding. Use in border gardens, meadow/prairie gardens, woodland garden edges.
**ALLEGHENY MONKEYFLOWER**  
*Mimuslus ringens*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3 FT</td>
<td>0.75–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–SEP</td>
<td>Pale Pink-White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Wet Soil</td>
<td>♦️ 🐝</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Use in rain gardens, wet meadow/prairie gardens. Spreads readily through seeds.
SHARPWING MONKEYFLOWER
*Mimulus alatus*

**Forb • Perennial**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3 FT</td>
<td>0.75–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–SEP</td>
<td>Pale Pink-White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Wet Soil</td>
<td>![Icon]</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Use in rain gardens, wet meadow/prairie gardens.
Spreads readily through seeds.
**NARROWLEAF MOUNTAINMINT**  
*Pycnanthemum tenuifolium*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="sun.png" alt="Sun" /> Full</td>
<td><img src="rain.png" alt="Rain" /> Wet</td>
</tr>
<tr>
<td><img src="sun.png" alt="Sun" /> Part</td>
<td><img src="rain.png" alt="Rain" /> Med/Wet</td>
</tr>
<tr>
<td><img src="sun.png" alt="Sun" /> Shade</td>
<td><img src="rain.png" alt="Rain" /> Med</td>
</tr>
<tr>
<td><img src="sun.png" alt="Sun" /> Med/DRY</td>
<td><img src="rain.png" alt="Rain" /> Med/DRY</td>
</tr>
<tr>
<td><img src="sun.png" alt="Sun" /> Dry</td>
<td><img src="rain.png" alt="Rain" /> Dry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide Range of Soil Conditions, Drought, Erosion</td>
<td><img src="bee.png" alt="Bee" /> <img src="butterfly.png" alt="Butterfly" /></td>
</tr>
</tbody>
</table>

**Horticultural Notes**
Clump forming, spreads through self-seeding in ideal conditions. Use in border gardens, massed or naturalized in meadow/prairie gardens.

Forb • Perennial  
VIRGINIA MOUNTAINMINT

Pycnanthemum virginiana

LIGHT

SOIL MOISTURE

FULL
PART
SHADE

WET
MED/WET
MED
MED/DRY
DRY

HEIGHT

SPREAD

2–3 FT
1–1.5 FT

BLOOMS

BLOOM COLOR

JUL–SEP
White

TOLERATES

BENEFICIAL FOR

Wide Range of Soil Conditions, Drought, Erosion

HORTICULTURAL NOTES

Clump forming, spreads through self-seeding in ideal conditions. Use in border gardens, massed or naturalized in meadow/prairie gardens. Differs from Narrowleaf by fuzzy stems and strong herbal scent to leaves.
WHORLED MOUNTAINMINT
*Pycnanthemum verticillatum*

**LIGHT**
- FULL SUN
- PARTIAL SHADE
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 2–3 FT

**SPREAD**
- 1–1.5 FT

**BLOOMS**
- JUL-AUG

**BLOOM COLOR**
- White

**TOLERATES**
- Deer, Drought, Clay Soil

**BENEFICIAL FOR**
- Bees, Butterflies

**HORTICULTURAL NOTES**
AKA: Hairy Mountainmint.
Clump forming, spreading readily through seeding. Use in border gardens, massed or naturalized in meadow/prairie gardens. Differs from Narrowleaf by fuzzy stems and leaves and strong mint scent to crushed leaves.

*Forb • Perennial* www.CincyNature.org
**Obedient Plant**
*Physostegia virginiana*

**Horticultural Notes:**
Named for the individual flower’s habit of staying in place when moved. Use in border gardens, wet areas of prairie meadow gardens, or edges of rain gardens. Spreads readily through rhizomes and seeds in optimum conditions.

**Light & Soil Moisture:**

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Full</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med/Dray</td>
</tr>
</tbody>
</table>

**Height & Spread:**

- Height: 3–4 FT
- Spread: 2–3 FT

**Blooms & Bloom Color:**

- Blooms: JUN–SEP
- Bloom Color: Pink/Purple-White

**Tolerates & Beneficial For:**

- Tolerates: Deer, Rabbit, Clay Soil, Wet Soil
- Beneficial For:  
  - Birds
  - Bees
  - Butterflies

**Forb • Perennial**

**WILD PETUNIA**  
*Ruellia strepens*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–3 FT</td>
<td>1–1.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>Purple/Violet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Shade</td>
<td>![Insect Icons]</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

AKA: Smooth Ruellia. Blooms best in partial shade in organically rich soil. Use in border gardens, woodland gardens. Each flower only lasts one day, but blooms continuously throughout bloom period.
**FALL PHLOX**
*Phlox paniculata*

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 3–4 FT

**SPREAD**
- 1–2 FT

**BLOOMS**
- JUL–OCT

**BLOOM COLOR**
- Violet, Pink, White

**TOLERATES**
- Forb • Perennial

**BENEFICIAL FOR**
- Pollinators
- Hummingbirds
- Butterflies
- singing insects

**HORTICULTURAL NOTES**
A beautiful late summer bloom that is a good nectar source for pollinators. Requires consistently moist soil to thrive. Use in pollinator gardens, woodland edges where it receives some shade during heat of summer. Susceptible to deer and rabbits.

**WET**

**MED/WET**

**MED**

**MED/DRY**

**DRY**

**WILD BLUE PHLOX**  
*Phlox divaricata*

<table>
<thead>
<tr>
<th><strong>LIGHT</strong></th>
<th><strong>SOIL MOISTURE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL ☀</td>
<td>WET ☢</td>
</tr>
<tr>
<td>PART ☀</td>
<td>MED/WET ☢</td>
</tr>
<tr>
<td>SHADE ☀</td>
<td>MED ☢</td>
</tr>
<tr>
<td></td>
<td>MED/DRY ☢</td>
</tr>
<tr>
<td></td>
<td>DRY ☢</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HEIGHT</strong></th>
<th><strong>SPREAD</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75–1 FT</td>
<td>0.75–1 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BLOOMS</strong></th>
<th><strong>BLOOM COLOR</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>Violet-White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>TOLERATES</strong></th>
<th><strong>BENEFICIAL FOR</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Dry Soil</td>
<td>♡ ♧</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>HORTICULTURAL NOTES</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Use in rock gardens, front borders of woodland gardens, naturalized wooded areas.</td>
</tr>
</tbody>
</table>

Forb • Perennial  

PURPLE PRAIRIE CLOVER
*Dalea purpurea*

**LIGHT**
- Full Part Shade

**SOIL MOISTURE**
- Wet Med/Wet Med Med/Dry Dry

**HEIGHT**
- 1–3 FT

**SPREAD**
- 1–1.5 FT

**BLOOMS**
- JUN–AUG

**BLOOM COLOR**
- Purple/Violet

**TOLERATES**
- Drought, Clay Soil, Shallow-Rocky Soil

**BENEFICIAL FOR**
- Drought, Clay Soil, Shallow-Rocky Soil

**HORTICULTURAL NOTES**
Tolerates wide range of soil conditions as long as it’s well drained. Slow to establish as it grows deep taproot, but gains attractive bushy habit once established. Highly palatable to deer/rabbit—protect until established. Use in dry areas of prairie/meadow gardens, rock gardens, sunny border gardens.

Forb • Perennial
# Prairie Dock
*Silphium terebinthinaceum*

**Light**
- Full Sun
- Partial Shade

**Soil Moisture**
- Wet
- Medium/Wet
- Medium
- Medium/Dry
- Dry

**Height**
- 3–10 FT

**Spread**
- 1–3 FT

**Blooms**
- July–September

**Bloom Color**
- Yellow

**Tolerates**
- Clay Soil

**Beneficial For**
- Birds
- Bees
- Butterflies

**Horticultural Notes**
Tall plant with large basal leaves. Use in naturalized meadow/prairie gardens, rear of border gardens.

*Forb • Perennial*
**EVENING PRIMROSE**
*Oenothera biennis*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="#">FULL</a></td>
<td><a href="#">MED</a></td>
</tr>
<tr>
<td><a href="#">PART</a></td>
<td><a href="#">MED/WET</a></td>
</tr>
<tr>
<td>SHADE</td>
<td><a href="#">WET</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–5 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-OCT</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought, Gravelly/Sandy Soils</td>
<td><img src="image" alt="Bird" /></td>
</tr>
<tr>
<td></td>
<td><img src="image" alt="Bee" /></td>
</tr>
<tr>
<td></td>
<td><img src="image" alt="Butterfly" /></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

A pioneering biennial that forms a basal rosette of leaves the first year, then flowers and dies the next. Readily self-seeds if allowed. Best for informal meadow/ prairie gardens.
# Celandine Poppy

*Stylophorum diphyllum*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–1.5 FT</td>
<td>0.75–1 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Wet Soil, Heavy Shade, Shallow-Rocky Soils</td>
<td>🐝</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

AKA: Yellow Wood Poppy.
Spring ephemeral with leaves that persist through summer with enough soil moisture, otherwise will go dormant in drought. Seeds are naturally dispersed by ants.
**Queen of the Prairie**
*Filipendula rubra*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>MED/DRY</td>
</tr>
<tr>
<td>PART</td>
<td>MED/DRY</td>
</tr>
<tr>
<td>SHADE</td>
<td>WET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8 FT</td>
<td>3-4 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN-AUG</td>
<td>Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil, Wet Soil</td>
<td>🐝</td>
</tr>
</tbody>
</table>

**Horticultural Notes**: Best planted in mass or small groups. Stunning mid-summer blooms produce no nectar, but pollen for native bees. Use in rain garden, wet areas of prairie/meadow gardens. Spreads through rhizomes and seeds in right conditions.

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# WILD QUININE
*Parthenium integrifolium*

**Light**
- **Full Sun**
- **Partial Shade**

**Soil Moisture**
- **Wet**
- **Med/Wet**
- **Med/Dry**
- **Dry**

**Height**
- 2–4 FT

**Spread**
- 1–2 FT

**Blooms**
- May–Aug

**Bloom Color**
- White

**Tolerates**
- Clay Soil
- Dry Soil
- Poor Soil

**Beneficial For**
- Bees
- butterflies

**Horticultural Notes**
Use in dry areas of natural meadow/prairie gardens, mixed in border gardens.

*Forb • Perennial*
<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀ FULL</td>
<td>☇ MED/WET</td>
</tr>
<tr>
<td>☀ PART</td>
<td>☇ MED</td>
</tr>
<tr>
<td>⚫ SHADE</td>
<td>☇ WET</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>4–5 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–SEP</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Dry Soil, Shallow-Rocky Soil, Drought</td>
<td>🦉 🐝 🦋 🐛</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

An interesting addition to border gardens, massed or naturalized in meadow/prairie gardens. May require staking in wetter locations.
RICHWEED
Collinsonia canadensis

LIGHT MOISTURE

- 2–3 FT
- 1–3 FT
- AUG–SEP
- Light Yellow
- Deer, Rabbit, Clay Soil, Heavy Shade
- AKA: Horse Balm.
- Excellent late summer flower for woodland gardens when little else is blooming.
- Leaves and flowers have lemon-citronella like smell.
**PURPLE ROCKET**

*Iodanthus pinnatifidus*

![Image of Purple Rocket](image)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL SUN</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–2 FT</td>
<td>1–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>Light Violet, White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Shade</td>
<td>![Bee] ![Butterfly]</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Prefers rich soil with high organic matter. Best flowering occurs in part shade conditions. Can tolerate occasional flooding. Use grouped or massed in shaded rain gardens, wet areas of border gardens or woodland gardens. Spreads through self-seeding, but not aggressively.
**HALBERD-LEAVED ROSEMALLOW**  
*Hibiscus laevis*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
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<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>4–6 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–SEP</td>
<td>White-pink</td>
</tr>
</tbody>
</table>

**TOLERATES**
Deer, Wet Soil, Heat & Humidity with Adequate Moisture

**BENEFICIAL FOR**

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grows well in many garden settings with consistently moist soil. Blooms best and forms shrubbier habit in full sun. Use in back of border gardens, wet/low areas of meadow/prairie gardens, edges of ponds/streams.</td>
</tr>
</tbody>
</table>
# Whorled Rosinweed

*Silphium trifoliatum*

![Whorled Rosinweed](image)

**LIGHT**

<table>
<thead>
<tr>
<th></th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FULL</strong></td>
<td><strong>WET</strong></td>
</tr>
<tr>
<td><strong>PART</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SHADE</strong></td>
<td></td>
</tr>
</tbody>
</table>

**HEIGHT**

- 3–7 FT

**SPREAD**

- 2–3 FT

**BLOOMS**

- JUL–SEP

**BLOOM COLOR**

- Yellow

**TOLERATES**

- Deer, Clay Soil

**BENEFICIAL FOR**

- Bird, Bee, Butterfly

**HORTICULTURAL NOTES**

Best used naturalized in meadow/prairie gardens, rear of border gardens.

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# Lyre-Leaved Sage

*Salvia lyrata*

**Light**
- Full Sun
- Part Sun
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 1–2 ft

**Spread**
- 0.75–1 ft

**Blooms**
- APR–JUN

**Bloom Color**
- Purple

**Tolerates**
- Deer, Clay Soil, Wet Soil, Shallow-Rocky Soil

**Beneficial For**
- 🐝
- 🦕

**Horticultural Notes**
Native *Salvia* species to Ohio. Prefers consistently moist soil in full sun, but tolerates some shade. Use in border gardens and woodland edges. Spreads via seeds.
SEEDBOX
Ludwigia alternifolia

**LIGHT**
- **SOIL MOISTURE**
  - **HEIGHT**
    - 2–3 FT
  - **SPREAD**
    - 1–2 FT
  - **BLOOMS**
    - JUN–AUG
  - **BLOOM COLOR**
    - Yellow
  - **TOLERATES**
    - Deer, Wet Soil
  - **BENEFICIAL FOR**
    - [ ]

**HORTICULTURAL NOTES**
Use in rain gardens, wet and low areas of meadow and prairie gardens. Spreads through self-seeding. Common name comes from ornamental square shape of seed pods.
# Common Self-Heal

*Prunella vulgaris*

**Self-heal**

**Light**
- Full
- Part
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
0.5–1.5 FT

**Spread**
0.5–1.5 FT

**Blooms**
Jun–Aug

**Bloom Color**
Pale Violet-White

**Tolerates**
Deer, Clay Soil, Shade

**Beneficial For**

<table>
<thead>
<tr>
<th>Insects</th>
</tr>
</thead>
<tbody>
<tr>
<td>🐝</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

AKA: Heal-all.

Named for its historic use as treatment for a variety of physical ailments. Can form a groundcover in consistently moist soil typical of garden areas. Readily self-seeds. Use in shady garden borders or naturalized in meadow/ prairie garden or rain garden edges.

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**MARYLAND SENNA**
*Senna marilandica*

**LIGHT**
- **SOIL MOISTURE**
  - **FULL** • **PART** • **SHADE**
  - **WET** • **MED/WET** • **MED** • **MED/DRY** • **DRY**

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–6 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–AUG</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

**TOLERATES**
- Clay Soil, Sandy Soils, Heat, and Humidity

**BENEFICIAL FOR**
- Birds • Bees • Butterflies

**HORTICULTURAL NOTES**
Similar to Wild Senna except for shape of seed pod. Use in drier areas of meadow/prairie garden, rear of border gardens.
**WILD SENNA**  
*Senna hebecarpa*

Use in drier areas of meadow/prairie garden, rear of border gardens.

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–7 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-AUG</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

**TOLERATES**  
Clay Soil, Sandy Soils, Heat, and Humidity

**BENEFICIAL FOR**  
Birds, Bees, Butterflies

**HORTICULTURAL NOTES**

Forb • Perennial
**BLUE SKULLCAP**

*Scutellaria lateriflora*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀️</td>
<td>☔️</td>
</tr>
<tr>
<td>PART</td>
<td>MED/DRY</td>
</tr>
<tr>
<td>SHADE</td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1.5–2.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–SEP</td>
<td>Pale Violet-White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit, Deer, Wet Soil</td>
<td>![Image of bee]</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Best for moist areas rain gardens, stream/pond edges. Spreads via rhizomes and seed.
## Hoary Skullcap

*Scutellaria incana*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>WET</td>
</tr>
<tr>
<td>Part</td>
<td>MED/WET</td>
</tr>
<tr>
<td>Shade</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>Violet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Rabbit, Clay Soil, Dry Soil, Drought</td>
<td></td>
</tr>
</tbody>
</table>

### Horticultural Notes

One of the showier species of the *Scutellaria* genus. Use in drier areas such as meadow/prairie gardens, border gardens, or sunnier areas of woodland gardens.
COMMON SNEEZEWEED
Helenium autumnale

LIGHT

SOIL MOISTURE

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WET</td>
<td>MED/WET</td>
<td>MED</td>
</tr>
</tbody>
</table>

HEIGHT

SPREAD

3–5 FT

2–3 FT

BLOOMS

BLOOM COLOR

AUG–OCT

Yellow

TOLERATES

BENEFICIAL FOR

Deer, Clay Soil, Wet Soil

Birds, Bees, Butterflies, Ladybugs

HORTICULTURAL NOTES

Grows well in average garden soil with consistent moisture.
Use in border gardens, wet/low areas of meadow/prairie gardens, rain gardens, edges of ponds/streams.
## Ohio Spiderwort
*Tradescantia ohiensis*

**Light**
- Full Sun
- Part Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 2–4 FT

**Spread**
- 1.5–3 FT

**Blooms**
- May–Jul

**Bloom Color**
- Purple/Violet

**Tolerates**
- Drought, Clay Soil, Shallow/Rocky Soil

**Beneficial For**
- HORTICULTURAL NOTES
  - Individual flowers last only a day, but blooms over a long period. Very adaptable to different soil types. Use in meadow/prairie gardens, middle areas of border gardens. Can be cut back mid-summer to encourage fall bloom. Spreads via self-seeding. Browsed by deer/rabbits, but highly tolerant.
VIRGINIA SPIDERWORT

Tradescantia virginiana

**LIGHT SOIL MOISTURE**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/med/wet</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/med/dry</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

**HEIGHT**

1.5–3 FT

**SPREAD**

1–1.5 FT

**BLOOMS**

MAY–JUL

**BLOOM COLOR**

Violet

**TOLERATES**

Walnut, Clay Soil, Wet Soil, Shade

**BENEFICIAL FOR**

![Bee](bee.png)

**HORTICULTURAL NOTES**

Individual flowers last only a day, but blooms over a long period. Prefers rich, high organic soil but tolerates poorer soils with consistent moisture. Use in shaded border gardens or woodland gardens. Can go dormant in sunnier, drier conditions.

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# ZIGZAG SPIDERWORT

*Tradescantia subaspera*

- **LIGHT**
  - Full Sun
  - Part Shade
  - Shade

- **SOIL MOISTURE**
  - Wet
  - Med/Wet
  - Med
  - Med/Dry
  - Dry

- **HEIGHT**
  - 1.5–3 FT

- **SPREAD**
  - 1–2 FT

- **BLOOMS**
  - May–Oct

- **BLOOM COLOR**
  - Purple/Violet

- **TOLERATES**
  - Walnut, Clay Soil, Wet Soil, Shade

- **BENEFICIAL FOR**
  - **HORTICULTURAL NOTES**

Individual flowers last only a day, but blooms over a long period. Prefers rich, high organic soil but tolerates poorer soils with consistent moisture. Tolerates shade better than other spiderwort species. Use in shaded border gardens or woodland gardens.
# Woodland Stonecrop

**Sedum ternatum**

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25–0.5 FT</td>
<td>0.25–0.5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr–May</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Rabbit, Drought, Shallow-Rocky Soil</td>
<td>🐣 🐞</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Native Sedum species that spreads via creeping stems to form a ground cover. Use in rock gardens, or borders of woodland gardens. Stems readily root and separate from mother plant.
# Ashy Sunflower

*Helianthus mollis*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>WET</td>
</tr>
<tr>
<td>Part</td>
<td>MED/MED/WET</td>
</tr>
<tr>
<td>Shade</td>
<td>MED/DRY/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–4 FT</td>
<td>1–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought, Dry Soil, Shallow-Rocky Soil</td>
<td>Goldfinches</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Spreads through rhizomes and self-seeds in ideal conditions forming colonies. Use informally in meadow/prairie gardens. Seeds are a favorite of goldfinches.
# Hairy Sunflower

*Helianthus hirsutus*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>WET</td>
</tr>
<tr>
<td>Part</td>
<td>MED/WET</td>
</tr>
<tr>
<td>Shade</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–6 FT</td>
<td>2–3 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-SEP</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Shallow-Rocky Soil, Drought</td>
<td><strong>Birds, Bees, Butterflies, Insects</strong></td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Sunflowers are a valuable food source for a wide range of wildlife. Can spread from seeds and rhizomes to form colonies in right conditions. Best used naturalized in prairie/meadow gardens or edges of woodland gardens. Protect while establishing—can be eaten by deer/rabbits.
**OXEYE SUNFLOWER**  
*Heliopsis helianthoides*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

3–6 FT

**SPREAD**

2–4 FT

**BLOOMS**

JUN–AUG

**BLOOM COLOR**

Yellow

**TOLERATES**

Clay Soil, Dry Soil, Shallow-Poor Soil, Drought

**BENEFICIAL FOR**

Birds, Bees, Butterflies

**HORTICULTURAL NOTES**

AKA: False Sunflower, Smooth Oxeye. Use in rear of border gardens, massed or naturalized in meadow/prairie gardens.
### THINLEAF SUNFLOWER
*Helianthus decapetalus*

**LIGHT**
- Full
- Part
- Shade

**SOIL MOISTURE**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–5 FT</td>
<td>1–2 FT</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

**TOLERATES**
- Shade

**BENEFICIAL FOR**
- Birds
- Bees
- Butterflies
- Insects

**HORTICULTURAL NOTES**
Native perennial sunflower that is beneficial to wildlife. Can spread rhizomally to form colonies in right conditions. Use in woodland gardens or in shaded areas where it can be allowed to spread. Occasionally eaten by deer/rabbits, protect while establishing.
**WOODLAND SUNFLOWER**  
*Helianthus divaricatus*

Native perennial sunflower that is very beneficial to wildlife. Can spread rhizomally to form colonies in right conditions. Use in woodland gardens or in shaded areas where it can be allowed to spread. Occasionally eaten by deer/rabbits. Protect while establishing.

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://via.placeholder.com/15" alt="Sun" /></td>
<td><img src="https://via.placeholder.com/15" alt="Wet" /> <img src="https://via.placeholder.com/15" alt="Med/Wet" /> <img src="https://via.placeholder.com/15" alt="Med" /> <img src="https://via.placeholder.com/15" alt="Med/Dry" /> <img src="https://via.placeholder.com/15" alt="Dry" /></td>
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<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–6 FT</td>
<td>1–2 FT</td>
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</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–SEP</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade, Drought</td>
<td><img src="https://via.placeholder.com/15" alt="Bird" /> <img src="https://via.placeholder.com/15" alt="Insect" /> <img src="https://via.placeholder.com/15" alt="Butterfly" /> <img src="https://via.placeholder.com/15" alt="Mammal" /></td>
</tr>
</tbody>
</table>

Forb • Perennial

TALL THIMBLEWEED
Anemone virginiana

LIGHT

SOIL MOISTURE

HEIGHT

SPREAD

BLOOMS

BLOOM COLOR

TOLERATES

BENEFICIAL FOR

HORTICULTURAL NOTES

FULL

PART

SHADE

WET

MED/WET

MED

MED/DRY

DRY

1–2 FT

1–1.5 FT

APR–MAY

White

Deer, Drought, Shallow-Rocky Soil

AKA: Tall Anemone, Virginia Anemone.
Best used massed in woodland garden, shaded areas of meadow/prairie gardens.
# FIELD THISTLE
*Cirsium discolor*

**LIGHT**
- Full
- Partial
- Shade

**SOIL MOISTURE**
- Wet
- Medium/Wet
- Medium
- Medium/Dry
- Dry

## HORTICULTURAL NOTES
Not a plant for the traditional garden but a great addition for all the wildlife it benefits. Late summer blooms attract pollinators when few other plants are flowering. Seeds are a favorite of goldfinches. Use naturalized in prairie/meadow gardens. Readily self-seeds.

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
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<tbody>
<tr>
<td>3–8 FT</td>
<td>2–3 FT</td>
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<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–OCT</td>
<td>Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil</td>
<td>✈️ 🐘 🐝 🍀</td>
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</tbody>
</table>

*Forb • Biennial*
**SHOWY TICK-TREFOIL**  
*Desmodium canadense*

---

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**  
2–6 FT

**SPREAD**  
1–2 FT

**BLOOMS**  
JUN–SEP

**BLOOM COLOR**  
Pink

**TOLERATES**  
Clay Soil, Shallow-Rocky Soil, Drought

**BENEFICIAL FOR**  

![Birds, Bees, Butterflies, Ladybugs]

**HORTICULTURAL NOTES**

Will need protection from deer/rabbit. Seed pods, known as loments, break into segments and cling to fur/clothing, so best planted away from paths or frequently traversed areas. Use in prairie/meadow gardens, rear of border gardens.

---

*Forb • Perennial*  

WHITE TURTLEHEAD
Chelone glabra

LIGHT

SOIL MOISTURE

FULL  PART  SHADE  WET  MED/WET  MED  MED/DRY  DRY

HEIGHT

SPREAD

2–3 FT  1–3 FT

BLOOMS

BLOOM COLOR

AUG–OCT  White, Pinkish

TOLERATES

BENEFICIAL FOR

Deer, Rabbit, Wet Soil

HORTICULTURAL NOTES

Grows best in rich soil with consistent moisture. Use in shaded border gardens, woodland gardens, rain gardens, or along edges of ponds/streams. Spreads slowly via rhizomes.
PARASOL WHITETOP
Doellingeria umbellata

LIGHT

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
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<tr>
<td>SHADE</td>
<td>MED</td>
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<td></td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
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</tbody>
</table>

HEIGHT

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–5 FT</td>
<td>2–4 FT</td>
</tr>
</tbody>
</table>

BLOOMS

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–OCT</td>
<td>White</td>
</tr>
</tbody>
</table>

TOLERATES

Wet Soil, Clay Soil, Sandy Soil

BENEFICIAL FOR

Nectar source for a wide range of pollinators. Tolerates a range of soil with adequate moisture. Use mixed in wet areas of prairie/meadow gardens, rain gardens, or edges of woodland gardens. Spreads slowly via seeds/rhizomes. Browsed by deer, cage until established.
**BLUE WILD INDIGO**  
*Baptisia australis*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

2–3 FT

**SPREAD**

2–2.5 FT

**BLOOMS**

MAY–JUN

**BLOOM COLOR**

Violet

**TOLERATES**

Deer, Rabbit, Clay Soil, Dry Soil, Shallow-Rocky Soil, Drought

**BENEFICIAL FOR**

![Insect icons]

**HORTICULTURAL NOTES**

Not a true indigo, but named for the resemblance of its leaves. Violet pea-like flowers early in the season add interest to border gardens, naturalized in prairie/meadow gardens, or plant in small groups in formal gardens.

*Forb • Perennial*
## WHITE WILD INDIGO

*Baptisia alba*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="#" alt="Sun" /></td>
<td><img src="#" alt="Wet" /></td>
</tr>
<tr>
<td><img src="#" alt="Part" /></td>
<td><img src="#" alt="Med/Wet" /></td>
</tr>
<tr>
<td><img src="#" alt="Shade" /></td>
<td><img src="#" alt="Med" /></td>
</tr>
<tr>
<td><img src="#" alt="Shade" /></td>
<td><img src="#" alt="Med/Dry" /></td>
</tr>
<tr>
<td><img src="#" alt="Part" /></td>
<td><img src="#" alt="Dry" /></td>
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</table>

### Heights and Spreads

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–4 FT</td>
<td>2–2.5 FT</td>
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</tbody>
</table>

### Blooms and Bloom Color

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>White</td>
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</table>

### Tolerates

<table>
<thead>
<tr>
<th>Tolerates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drought, Deer, Rabbit</td>
</tr>
</tbody>
</table>

### Beneficial For

- ![Bee](#)
- ![Butterfly](#)
- ![Grub](#)

### Horticultural Notes

Not a true indigo, but named for the resemblance of its leaves. White pea-like flowers early in the season add interest to border, naturalized in prairie/meadow gardens, or plant is small groups in formal gardens.
**Hairy Wood Mint**  
*Blephilia hirsuta*

**Light**
- **Full Sun**: ☀
- **Part Shade**: 🌞
- **Shade**: ⚫️

**Soil Moisture**
- **Wet**: 🌧
- **Med/Wet**: 🌧
- **Med**: 🌧
- **Med/Dry**: 🌧
- **Dry**: 🌧

**Height**
- 1–2.5 FT

**Spread**
- 0.75–1.5 FT

**Blooms**
- **Jun-Aug**: Purple-White

**Tolerates**
- Deer

**Beneficial For**
- 🐝
- 🦕

**Horticultural Notes**
AKA: Hairy Pagoda Plant  
Can tolerate full sun with plenty of moisture but does best in part shade. Use along woodland garden paths/edges and shaded border gardens.

---

*Forb • Perennial*  
COMMON YARROW
Achillea millefolium

LIGHT
FULL
PART
SHADE

SOIL MOISTURE
WET
MED/WET
MED
MED/DRY
DRY

HEIGHT
2–3 FT

SPREAD
2–3 FT

BLOOMS
JUN–SEP

BLOOM COLOR
White

TOLERATES
Deer, Drought, Dry Soil, Poor Soil

BENEFICIAL FOR

HORTICULTURAL NOTES
Can spread through rhizomes and self-seeding to form colonies. Can be used as ground cover for border gardens, massed or naturalized in meadow and prairie gardens.

Forb • Perennial

VINES
Passionflower, Purple

**Passiflora incarnata**

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 6–15 FT

**SPREAD**
- 3–6 FT

**BLOOMS**
- JUL–SEP

**BLOOM COLOR**
- White/Purple

**TOLERATES**
- Drought, Shallow-Rocky Soil, Clay Soil

**BENEFICIAL FOR**
- Bees
- Butterflies
- Hummingbirds

**HORTICULTURAL NOTES**

AKA: Maypop. Named for the sound the fruit makes when crushed.
Unique flowers and edible fruit! Dies back completely in winter.
Benefits from mulching to control moisture and protect roots during harsher winters. Use like any vining perennial. Spreads aggressively via rhizomes so plant in areas where habit is desirable or continuously pull up/mow suckers to keep in check.

**Vine • Perennial**

## Trumpetvine
*Campsis radicans*

**Light**: Full sun

**Soil Moisture**: Light

**Height**: 25–40 FT

**Spread**: 5–10 FT

**Blooms**: JUL

**Bloom Color**: Red-Orange

**Tolerates**: Deer, Drought, Clay Soil

**Beneficial For**: Hummingbirds, butterflies

**Horticultural Notes**: Best grown in full sun for greater flowering. Bright red flowers pollinated by hummingbirds. Climbs via aerial rootlets which can damage structures if allowed and can spread aggressively through underground runners. Best used on arbors/trellises or fences where it can be more easily controlled with regular mowing/pruning.
**VIRGIN’S BOWER**  
*Clematis virginiana*

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 12–20 FT

**SPREAD**
- 3–6 FT

**BLOOMS**
- AUG–OCT

**BLOOM COLOR**
- White

**TOLERATES**
- Deer

**BENEFICIAL FOR**
- **Deer**

**HORTICULTURAL NOTES**
AKA: Devil’s Darning Needles, Woodbine, Old Man’s Beard. Dioecious (separate male and female plants). Profuse blooms are attractive on trellises, fences, or allowed to cover the ground in meadow/prairie gardens or in woodland gardens. Spreads through suckering and seeding of female plants.
GRASSES
# Big Blue Stem
*Andropogon gerardii*

- **Grass • Perennial**
- **Light:** Full, Part
- **Soil Moisture:** Wet, Med/Wet, Med, Med/Dry, Dry
- **Height:** 4–6 FT
- **Spread:** 2–3 FT
- **Blooms:** Aug–Oct
- **Bloom Color:** Maroon
- **Tolerates:** Deer, Drought, Erosion, Dry Soil
- **Beneficial For:**
  - [ ]
- **Horticultural Notes:**
  Dominant species of the tallgrass prairies, it grows well in a wide range of soil types due to deep root system that can reach 10’ deep. Best grown in drier, average soil in full sun where it maintains upright habit otherwise has tendency to be floppy. Attractive seasonal foliage good for borders, naturalized meadow/prairie gardens, rain gardens. Can spread readily through self-seeding.

![Image of Big Blue Stem](image-url)
**LITTLE BLUESTEM**
_Schizachyrium scoparium_

- **Grass • Perennial**

<table>
<thead>
<tr>
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<th>SOIL MOISTURE</th>
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</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
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<thead>
<tr>
<th>HEIGHT</th>
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<tbody>
<tr>
<td>2–4 FT</td>
<td>1.5–2 FT</td>
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<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–OCT</td>
<td>Purplish Bronze</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Erosion, Dry Soil, Shallow-Rocky Soil, Black Walnut, Air Pollution</td>
<td></td>
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</tbody>
</table>

**HORTICULTURAL NOTES**

Grows well in a wide range of soil types and garden conditions. Use in mass for borders or mixed with prairie forbs in naturalized meadow/prairie gardens. Beautiful fall foliage with full sun and moist soil.
BOTTLEBRUSH GRASS
*Elymus hystrix*

**Light**
- Full Sun
- Part Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 2.5–3 FT

**Spread**
- 1.5–2 FT

**Blooms**
- JUN–AUG

**Bloom Color**
- Pale Green

**Tolerates**
- Deer
- Drought
- Dry Soil
- Clay Soil
- Heavy Shade

**Beneficial For**
- Host species for Northern Pearly Eye butterfly

**Horticultural Notes**
- Best used in mass in woodland garden border and edges.
- Readily self-seeds under optimum conditions.
- Host species for Northern Pearly Eye butterfly.
**PRAIRIE DROPSEED**  
*Sporobolus heterolepis*

- **Grass • Perennial**

<table>
<thead>
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<tr>
<td>SHADE</td>
<td>MED/DRY</td>
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<td></td>
<td>DRY</td>
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<table>
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<tr>
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<th>SPREAD</th>
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<tr>
<td>2–3 FT</td>
<td>2–3 FT</td>
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<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG–SEP</td>
<td>Green, Showy</td>
</tr>
</tbody>
</table>

**TOLERATES**  
Deer, Drought, Dry Soil, Clay Soil, Shallow-Rocky Soil

**BENEFICIAL FOR**  
Birds

**HORTICULTURAL NOTES**
Clump forming, warm season grass. Grows well in a wide range of soil types and garden conditions. Use in mass for borders or mixed with prairie forbs in naturalized meadow/prairie gardens.
## Blue Grama
*Bouteloua gracilis*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

### Height
0.75–2 FT

### Spread
1.5–2 FT

### Blooms
JUN–AUG

### Bloom Color
Maroon, Green

### Tolerates
Deer, Drought, Erosion, Dry Soil, Shallow-Rocky Soil, Clay Soil

### Beneficial for

### Horticultural Notes
One of the dominant species of the western shortgrass prairie that is highly drought tolerant. Forms short, dense tufts of leaves with interesting flower spikes resembling a mustache or comb. Spreads through self-seeding. Use in sunny, dry areas of border gardens and meadow/prairie gardens.
**INDIAN GRASS**  
*Sorghastrum nutans*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

| 3–7 FT |

**SPREAD**

| 1–2 FT |

**BLOOMS**

| AUG–OCT |

**BLOOM COLOR**

| Green/Yellow |

**TOLERATES**

Drought, Erosion, Dry Soil, Shallow-Rocky Soil, Clay Soil

**BENEFICIAL FOR**

**HORTICULTURAL NOTES**

Tolerant of a wide range of soil types, but has tendency to flop over in moist, rich soils. Use in mass or naturalized in prairie/meadow gardens, or back of border gardens. Attractive fall color of orange/yellow. Spreads through self-seeding.
## Gray’s Sedge
*Carex grayi*

**Grass • Perennial**

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med/DRY</td>
</tr>
</tbody>
</table>

### Growth

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–3 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>May–Oct</td>
<td>Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Erosion, Wet Soil, Clay Soil</td>
<td>Birds</td>
</tr>
</tbody>
</table>

### Horticultural Notes

Interesting seed heads are eaten by birds. Plant in groups in wet areas of meadow garden, woodland edges, rain gardens, and pond edges.
**SIDEOATS GRAMA**  
*Bouteloua curtipendula*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Sun" /></td>
<td><img src="image" alt="Water" /></td>
</tr>
<tr>
<td><img src="image" alt="Part Shade" /></td>
<td><img src="image" alt="Water" /></td>
</tr>
<tr>
<td><img src="image" alt="Shade" /></td>
<td><img src="image" alt="Water" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5–3 FT</td>
<td>1.5–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL-AUG</td>
<td>Orangish Red</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Erosion, Clay Soil, Shallow-Rocky Soil</td>
<td><img src="image" alt="Bird" /></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Name derives from distinctive oat-like seed spikes that hang from one side of stem. Attractive orangish red anthers when in bloom.
# Switchgrass

*Panicum virgatum*

**Light**
- Full Sun
- Part Sun
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 3–6 FT

**Spread**
- 2–3 FT

**Bloom Period**
- Jul-Sep

**Bloom Color**
- Pink-tinged

**Tolerates**
- Erosion
- Dry Soil
- Wet Soil
- Drought

**Beneficial For**
- Erosion
- Dry Soil
- Wet Soil
- Drought

**Horticultural Notes**

Grows well in a wide range of soil types and garden conditions. Use in mass for borders, privacy screens, mixed with forbs in naturalized meadow/praerie gardens.

Grass • Perennial

# Hairy Wildrye
*Elymus villosus*

**Grass • Perennial**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5–3.5 FT</td>
<td>1–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–AUG</td>
<td>Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer</td>
<td>Deer</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

AKA: Silky Wildrye.

Cool season woodland grass that leafs out in spring before more common native ornamental grasses, turning brown in late summer, early autumn.

**VIRGINIA WILDRYE**
*Elymus virginicus*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
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<td></td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–4 FT</td>
<td>1–2 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–OCT</td>
<td>Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Erosion</td>
<td></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Cool season grass that leafs out in spring before more common native ornamental grasses. Turning brown by late summer, provides fall/winter interest. Use naturalized in prairie gardens and hillsides for erosion control. Spreads readily through seeds.
WOODOATS
Chasmanthium latifolium

Grass • Perennial

LIGHT

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

SOIL MOISTURE

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

HEIGHT

2–5 FT

SPREAD

1–2.5 FT

BLOOMS

AUG–SEP

BLOOM COLOR

Green

TOLERATES

Deer

BENEFICIAL FOR

Deer

HORTICULTURAL NOTES

AKA: Northern Seaoats, Inland Oats.
Self-seeds and can spread readily.
Attractive seeds head that can persist through winter.
SHRUBS
**AMERICAN BLADDERNUT**  
*Staphylea trifolia*

- **Shrub**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="#" alt="Sun" /></td>
<td><img src="#" alt="Wet" /> <img src="#" alt="Med/Wet" /> <img src="#" alt="Med" /> <img src="#" alt="Med/Dry" /> <img src="#" alt="Dry" /></td>
</tr>
<tr>
<td><img src="#" alt="Part" /></td>
<td><img src="#" alt="Med/Wet" /> <img src="#" alt="Med" /> <img src="#" alt="Med/Dry" /> <img src="#" alt="Dry" /></td>
</tr>
<tr>
<td><img src="#" alt="Shade" /></td>
<td><img src="#" alt="Med" /> <img src="#" alt="Med/Dry" /> <img src="#" alt="Dry" /></td>
</tr>
</tbody>
</table>

- **HEIGHT**: 10–15 FT
- **SPREAD**: 10–20 FT

- **BLOOMS**: APR–MAY
- **BLOOM COLOR**: Greenish White

- **TOLERATES**: Drought, Clay Soil, Shallow-Rocky Soil, Heavy Shade

- **BENEFICIAL FOR**: Bees

### HORTICULTURAL NOTES

A fast growing shrub that can form thickets from suckering. Named for its interesting inflated seed capsules that mature in late summer. Use in woodland gardens.

# Bottlebrush Buckeye

*Aesculus parviflora*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Wet</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med</td>
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<tr>
<td></td>
<td>Med/Dry</td>
</tr>
<tr>
<td></td>
<td>Dry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>15–20 FT</td>
<td>15–20 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–JUL</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Rabbit, Erosion, Wet Soil</td>
<td>🐣 chóng</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

A pollinator favorite summer flowering shrub for shaded areas. Prefers rich, well drained soils. Intolerant of drought while root system establishes.
COMMON BUTTONBUSH
*Cephalanthus occidentalis*

**Light**
- Full
- Part
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 5–12 FT

**Spread**
- 4–8 FT

**Blooms**
- June

**Bloom Color**
- White

**Tolerates**
- Erosion, Wet Soil, Deer

**Beneficial For**
- **Birds**
- **Bees**
- **Butterflies**

**Horticultural Notes**
Good Shrub for wet, low areas or along pond/stream edges where it flowers attract a range of pollinators and hummingbirds. Prune in late winter/early spring for shape if desired.
**BLACK CHOKEBERRY**
*Aronia melanocarpa*

- **LIGHT**: Tolerant of wide range of soil but grows best in consistently moist soil. Best fruiting in full sun. Spreads by root suckering.
- **SOIL MOISTURE**: Tolerant of wet soil but grows best in consistently moist soil.
- **HEIGHT**: 3-6 FT
- **SPREAD**: 3-6 FT
- **BLOOMS**: May
- **BLOOM COLOR**: White
- **TOLERATES**: Wet Soil
- **BENEFICIAL FOR**: Shrubs, wet/low areas of naturalized areas, rain garden, pond/stream edges. Cage to protect from deer until established. Fruit is edible, but astringent.
ROUGHLEAF DOGWOOD
Cornus drummondii

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

6–15 FT

**SPREAD**

6–15 FT

**BLOOMS**

MAY–JUN

**BLOOM COLOR**

White

**TOLERATES**

Deer, Wet Soil, Clay Soil, Dry/Poor Soil

**BENEFICIAL FOR**

Birds, Bees, Butterflies, Ladybugs

**HORTICULTURAL NOTES**

Adaptable to a wide range of soil conditions. Can form thickets via root suckers in right conditions. Use in shrub borders, informally along woodland edges.
**SILKY DOGWOOD**  
*Cornus amomum*

![Dogwood Flower](image.png)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
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<tr>
<td>SHADE</td>
<td>MED/DRY</td>
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<tr>
<td></td>
<td>DRY</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-12 FT</td>
<td>6-12 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Wet Soil, Shade</td>
<td>🦌 🐦 🐝 🦚</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Good for low, wet areas in meadow/prairie gardens, along streams and ponds. If planted elsewhere will need mulching to keep roots moist and cool through summer. Can form thickets through root suckers. Attractive blue/white berries are a favorite of birds.
## Elderberry
*Sambucus canadensis*

<table>
<thead>
<tr>
<th>Light</th>
<th>Soil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>Med/Dry</td>
</tr>
<tr>
<td>Part</td>
<td>Med/Wet</td>
</tr>
<tr>
<td>Shade</td>
<td>Med</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–12 FT</td>
<td>5–12 FT</td>
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</table>

<table>
<thead>
<tr>
<th>Blooms</th>
<th>Bloom Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jun–Jul</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tolerates</th>
<th>Beneficial For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erosion, Clay Soil, Wet Soil</td>
<td>Erosion, Clay Soil, Wet Soil, Naturalized Areas, Erosion, Bumblebees</td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Tolerant of wide range of soil but grows best in rich, consistently moist soil. Spreads by root suckering, best for shrub borders, wet/low areas of naturalized areas. Cage to protect from deer. Prune back in late winter to promote plant vigor.
**AMERICAN HAZELNUT**
*Corylus americana*

**Shrub**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Full Sun" /></td>
<td><img src="image" alt="Full Sun" /></td>
</tr>
<tr>
<td><img src="image" alt="Part Shade" /></td>
<td><img src="image" alt="Part Shade" /></td>
</tr>
<tr>
<td><img src="image" alt="Shade" /></td>
<td><img src="image" alt="Shade" /></td>
</tr>
<tr>
<td><img src="image" alt="Wet" /></td>
<td><img src="image" alt="Wet" /></td>
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<tr>
<td><img src="image" alt="Med/Wet" /></td>
<td><img src="image" alt="Med/Wet" /></td>
</tr>
<tr>
<td><img src="image" alt="Med" /></td>
<td><img src="image" alt="Med" /></td>
</tr>
<tr>
<td><img src="image" alt="Med/Dry" /></td>
<td><img src="image" alt="Med/Dry" /></td>
</tr>
<tr>
<td><img src="image" alt="Dry" /></td>
<td><img src="image" alt="Dry" /></td>
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<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>10–20 FT</td>
<td>8–15 FT</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR–APR</td>
<td>Brown, Red</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil</td>
<td></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Spreads readily through root suckers forming thickets. Use as hedge/border, naturalized in woodland garden or meadow/ prairie garden. Edible nuts a favorite of birds and squirrels.

**Wild Hydrangea**

*Hydrangea arborescens*

![Image of Wild Hydrangea](Image)

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL ☀</td>
<td>WET</td>
</tr>
<tr>
<td>PART ☀</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE ⬤</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>3–5 FT</td>
<td>3–5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUN–SEP</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erosion, Clay Soil, Shallow-Rocky Soil, Rabbits</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefer well drained, medium moisture soil but adaptable to varying conditions depending on light. Use massed in part shade areas of woodland garden or in back of shaded border gardens.</td>
</tr>
</tbody>
</table>
## FALSE INDIGO BUSH
*Amorpha fruticosa*

**Light**

<table>
<thead>
<tr>
<th>Full</th>
<th>Part</th>
<th>Shade</th>
</tr>
</thead>
</table>

**Soil Moisture**

<table>
<thead>
<tr>
<th>Wet</th>
<th>Med/Wet</th>
<th>Med</th>
<th>Med/Dry</th>
<th>Dry</th>
</tr>
</thead>
</table>

**Height**

| 4–12 FT |

**Spread**

| 6–15 FT |

**Blooms**

| APR–JUN |

**Bloom Color**

| Purple |

**Tolerates**

| Deer, Large range of soil types |

**Beneficial for**

- [ ] Honeybees
- [ ] Butterflies

**Horticultural Notes**

Best used in wet areas meadow/ prairie gardens, rain gardens. Prune in late winter/early spring to promote shrubbier growth.
**WHITE MEADOWSWEET**

*Spiraea alba*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**  
3–6 FT

**SPREAD**  
3–4 FT

**BLOOMS**  
JUL–AUG

**BLOOM COLOR**  
White

**TOLERATES**  
Deer, Wet Soil

**BENEFICIAL FOR**  

**HORTICULTURAL NOTES**

Requires consistent soil moisture to grow. Benefits from yearly mulching. Can be planted in mass to form a border/hedge. Fragrant summer blooms. Use in rain gardens, wet areas of prairie/meadow gardens.
# Ninebark

*Physocarpus opulifolius*

![Image of Ninebark flowers](image)

**LIGHT**

<table>
<thead>
<tr>
<th>Full Sun</th>
<th>Part Sun</th>
<th>Shade</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>Wet</th>
<th>Med/Wet</th>
<th>Med</th>
<th>Med/DRY</th>
<th>Dry</th>
</tr>
</thead>
</table>

**HEIGHT**

5–8 FT

**SPREAD**

4–6 FT

**BLOOMS**

MAY–JUN

**BLOOM COLOR**

White

**TOLERATES**

Drought, Clay Soil, Wet Soil, Erosion

**BENEFICIAL FOR**

Birds, Bees, Butterflies

**HORTICULTURAL NOTES**

Grows well in range of garden conditions. Use massed for shrub borders, hedge/privacy screen, mixed in meadow/prairie gardens.

**Shrub**

CLIMBING PRAIRIE ROSE
*Rosa setigera*

**LIGHT**
- Full Sun
- Part Sun
- Shade

**SOIL MOISTURE**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**HEIGHT**
- 6–12 FT

**SPREAD**
- 4–10 FT

**BLOOMS**
- June

**BLOOM COLOR**
- Light Pink

**TOLERATES**
- Wet Soil, Clay Soil

**BENEFICIAL FOR**
- Birds
- Bees
- Butterflies

**HORTICULTURAL NOTES**
Grows best in full sun and wetter soils.
Use as shrub border/hedge or train on trellis.
Prune late winter/spring for shape if desired.

# COMMON SERVICEBERRY

*Amelanchier arborea*

- **LIGHT**: Full Sun, Part Shade
- **SOIL MOISTURE**: WET, MED/WET, MED, MED/DRY, DRY
- **HEIGHT**: 15–25 FT
- **SPREAD**: 15–25 FT
- **BLOOMS**: APR–MAY
- **BLOOM COLOR**: White
- **TOLERATES**: Clay Soil
- **BENEFICIAL FOR**: Pollinators

**HORTICULTURAL NOTES**

AKA: Juneberry, Downy Serviceberry.

Early spring blooms emerge before many other native shrubs.

Use in shrub border, woodland gardens. Suckers from base and can be grown as a shrub or pruned to single trunk tree-like form.

Edible fruit ripen in June, but are fairly bland.
# SPICEBUSH

*Lindera benzoin*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>☀️ FULL</td>
<td>🌊 WET</td>
</tr>
<tr>
<td>🌃 PART</td>
<td>🌩️ MED/WET</td>
</tr>
<tr>
<td>🌳 SHADE</td>
<td>🌱 MED/DRY</td>
</tr>
<tr>
<td>🌬️ DRY</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>6–12 FT</td>
<td>6–12 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR–APR</td>
<td>Greenish Yellow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Drought, Clay Soil, Heavy Shade</td>
<td>🦃 🐝 🦋 🐞</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use in woodland gardens, shrub borders or accents. Need adequate moisture in full sun. Dioecious (separate male and female plants).</td>
</tr>
</tbody>
</table>
**Steeplebush**  
*Spiraea tomentosa*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
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<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2–4 FT</td>
<td>3–5 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUL–SEP</td>
<td>Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Wet Soil, Erosion</td>
<td>🐘 🐝 🌿</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Easily grown in a wide range of soils but requires consistent moisture. Use in low, wet spots of meadow/prairie gardens, pond/stream edges, or in rain gardens. Can form thick hedge through suckering.
STAGHORN SUMAC
*Rhus typhina*

**LIGHT**
- FULL
- PART
- SHADE

**SOIL MOISTURE**
- WET
- MED/WET
- MED
- MED/DRY
- DRY

**HEIGHT**
- 10–25 FT

**SPREAD**
- 10–25 FT

**BLOOMS**
- AUG

**BLOOM COLOR**
- Greenish-yellow/Red Seeds

**TOLERATES**
- Drought, Erosion, Dry Soil, Shallow-Rocky Soil, Clay Soil

**BENEFICIAL FOR**
- ![Bird](image)
- ![Bee](image)
- ![Larva](image)

**HORTICULTURAL NOTES**
Named for the young hairy stems that resemble the ‘velvet’ on deer antlers. Can spread aggressively from rhizomes to form colonies, but can be controlled with frequent mowing/pruning. Best for dry, naturalized prairies/meadows, woodland edges. Separate male and female plants.

**Shrub**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>FULL</td>
</tr>
<tr>
<td>PART</td>
<td>PART</td>
</tr>
<tr>
<td>SHADE</td>
<td>SHADE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>6–10 FT</td>
<td>6–10 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Black Walnut</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HORTICULTURAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Named from its use for arrow shafts by Native Americans. An excellent shrub for any shaded area. Use along woodland gardens or as hedge. Prune as needed after flowering.</td>
</tr>
</tbody>
</table>
EASTERN WAHOO
Euonymus atropurpurea

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

10–20 FT

**SPREAD**

5–15 FT

**BLOOMS**

JUNE

**BLOOM COLOR**

Maroon/Purple

**TOLERATES**

Shade

**BENEFICIAL FOR**

Birds

**HORTICULTURAL NOTES**

AKA: Burningbush, Spindle Tree. Grows in a wide range of conditions but is showiest in full sun with consistent moisture. Will need protection from deer/rabbit browse until well established. Attractive bright red fruit in fall.
# River Birch

**Betula nigra**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-70 FT</td>
<td>40-60 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>Brown/Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay Soil, Wet Soil, Drought</td>
<td></td>
</tr>
</tbody>
</table>

**Horticultural Notes**

Fast growing species that is adapted to Ohio climate better than other birch species. Planted for its attractive bark and tolerance for wide range of soil types. Can be trained as single or multi-trunk tree. Plant as specimen trees or in small groupings in wet areas. Cage from deer/rabbit until established.
## Ohio Buckeye

*Aesculus glabra*

**Light**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>MED</td>
</tr>
</tbody>
</table>

**Height**

20–40 FT

**Spread**

20–40 FT

**BLOOMS**

APR–MAY

**Bloom Color**

Greenish White

**Tolerates**

Rabbit, Deer, Shade

**Beneficial For**

**Horticultural Notes**

Beautiful specimen tree best for woodland edges or areas or as a specimen tree with adequate soil moisture.
**WILD BLACK CHERRY**

*Prunus serotina*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>50–80 FT</td>
<td>30–60 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR–MAY</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide range of soil conditions</td>
<td>Birds, butterflies, and moths</td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Adaptable and fast growing shade tree that has high ecological value for wildlife; spring flowers for pollinators, fall fruit for birds, and it is host to over 350 species of butterflies and moths. However all parts of the tree are toxic to mammals if consumed.
**Bald Cypress**
*Taxodium distichum*

**Light**
- Full
- Part
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
50–70 FT

**Spread**
20–45 FT

**Blooms**
N/A

**Bloom Color**
N/A

**Tolerates**
- Deer, Clay Soil, Wet Soil

**Beneficial For**

**Horticultural Notes**
Naturally found along rivers, swamps, and bayous, it can be grown in drier areas in cultivation. A deciduous evergreen, it loses its needles every fall. Excellent specimen tree in sunny, wet areas or in a rain garden with plenty of room to grow.

[Image of Bald Cypress]
# Flowering Dogwood

*Cornus florida*

**Light**
- **Full Sun**
- **Part Shade**

**Soil Moisture**
- **Wet**
- **Med/Wet**
- **Med**
- **Med/Dry**
- **Dry**

**Height** 15–30 FT

**Spread** 15–30 FT

**Blooms** APR–MAY

**Bloom Color** White

**Tolerates** Deer, Clay Soil

**Beneficial For**
- Birds
- Bees
- Butterflies

**Horticultural Notes**

Use as a specimen tree in open garden areas, along the edge of woodland garden. Does best mulched to keep consistent soil moisture through summer and benefits from afternoon shade. Showy spring blooms are followed by bright red fruit favored by birds in fall.
# Bur Oak
*Quercus macrocarpa*

**Light**
- Full Sun
- Part Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 60–80 FT

**Spread**
- 60–80 FT

**BLOOMS**
- APR

**Bloom Color**
- Yellowish-green

**Tolerates**
- Drought, Clay Soil, Dry Soil

**Beneficial For**
- Bird Nestlings

### Horticultural Notes
Oaks are host to more species of caterpillar (400+) than any other genus, which are the main food source of bird nestlings. Bur Oak has the largest acorns of any oak—a good food source for many species of mammals and birds. May take up to 30 years to produce first acorn crop. Plant in well drained areas large enough to accommodate its size. Cage from deer until established.
## White Oak
*Quercus alba*

### Light

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>50–80 FT</td>
<td>50–80 FT</td>
</tr>
</tbody>
</table>

### Soils Moisture

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED</td>
</tr>
<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

### Blooms

- **BLOOMS**: May
- **BLOOM COLOR**: Yellowish-green

### Tolerates

- Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

### Beneficial For

- HORTICULTURAL NOTES

Oaks are host to more species of caterpillar (400+) than any other genus, which are the main food source of bird nestlings. White oak is a slow growing oak that can tolerate a wide range of soil types. Pyramidal shape when young maturing to a wide spreading crown. A good shade tree with variable fall color from brown to dark red.
# PAW PAW
*Asimina triloba*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
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<tr>
<td>SHADE</td>
<td>MED</td>
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<tr>
<td></td>
<td>MED/DRY</td>
</tr>
<tr>
<td></td>
<td>DRY</td>
</tr>
</tbody>
</table>

**HEIGHT** 15–30 FT

**SPREAD** 15–30 FT

**BLOOMS** APR–MAY

**BLOOM COLOR** Maroon/Purple

**TOLERATES**  
Wet Soil, Deer

**BENEFICIAL FOR**  
Butterfly

**HORTICULTURAL NOTES**  
Naturally growing woodland understory and margins. Can spread through root suckers to form colonies. Better fruiting, fall color, and shrubbier habit in full sun.
**AMERICAN PERSIMMON**  
*Diospyros virginiana*

**LIGHT**

<table>
<thead>
<tr>
<th>FULL</th>
<th>PART</th>
<th>SHADE</th>
</tr>
</thead>
</table>

**SOIL MOISTURE**

<table>
<thead>
<tr>
<th>WET</th>
<th>MED/WET</th>
<th>MED</th>
<th>MED/DRY</th>
<th>DRY</th>
</tr>
</thead>
</table>

**HEIGHT**

<table>
<thead>
<tr>
<th>35–60 FT</th>
</tr>
</thead>
</table>

**SPREAD**

<table>
<thead>
<tr>
<th>25–35 FT</th>
</tr>
</thead>
</table>

**BLOOMS**

<table>
<thead>
<tr>
<th>MAY–JUN</th>
</tr>
</thead>
</table>

**BLOOM COLOR**

| White to Greenish Yellow |

**TOLERATES**

Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil, Air Pollution

**BENEFICIAL FOR**

Bird, Bee, Butterfly

**HORTICULTURAL NOTES**

Dioecious (separate male and female plants). Use as specimen tree in dry, open areas or woodland margins. Edible fruit of female tree a favorite of wildlife.
# Eastern Redbud

*Cercis canadensis*

**Tree**

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FULL</strong></td>
<td>WET</td>
</tr>
<tr>
<td><strong>PART</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SHADE</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>20–30 FT</td>
<td>25–35 FT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR–MAY</td>
<td>Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer, Clay Soil</td>
<td><a href="#">Bird</a>, <a href="#">Bee</a>, <a href="#">Butterfly</a></td>
</tr>
</tbody>
</table>

**Grows best in part shade in well drained soils. Versatile tree for many garden types.**
**Sassafras**
*Sassafras albidum*

**Light**
- Full Sun
- Part Sun
- Shade

**Soil Moisture**
- Wet
- Med/Wet
- Med
- Med/Dry
- Dry

**Height**
- 30–60 FT

**Spread**
- 25–40 FT

**Blooms**
- APR–MAY

**Bloom Color**
- Greenish Yellow

**Tolerates**
- Drought, Clay Soil, Dry Soil

**Beneficial For**

**Horticultural Notes**
Tolerant of wide range of soil but grows best in rich, consistently moist soil. Can spread to form colonies via root suckering in right conditions. Separate male/female trees. Better fall color with more sunlight. Use in naturalized areas, edges of woodland gardens where its colonizing habit is desired.
# BLACK WALNUT

*Juglans nigra*

<table>
<thead>
<tr>
<th>LIGHT</th>
<th>SOIL MOISTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
<td>WET</td>
</tr>
<tr>
<td>PART</td>
<td>MED/WET</td>
</tr>
<tr>
<td>SHADE</td>
<td>MED/DRY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>SPREAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>75–100 FT</td>
<td>75–100 FT</td>
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<table>
<thead>
<tr>
<th>BLOOMS</th>
<th>BLOOM COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAY–JUN</td>
<td>Yellowish Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TOLERATES</th>
<th>BENEFICIAL FOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit, Deer, Drought</td>
<td></td>
</tr>
</tbody>
</table>

**HORTICULTURAL NOTES**

Best grown in full sun. Edible nuts can be messy if allowed to rot.