



plants for challenging sites

Plants Tolerant of Moist Soil (Soil does not dry out)

PERENNIALS

Anemone ☀️
 Astilbe 🌿
 Bee Balm* ☀️🌿
 Bergenia 🌿☀️
 Bleeding Heart ☀️🌿
 Brunnera 🌿☀️
 Daylily ☀️🌿
 Fairy Bells,
 Variegated 🌿☀️
 Fern 🌿☀️
 Foxglove ☀️🌿
 Goat's Beard ☀️🌿
 Grass,
 Perennial (SV) ☀️🌿
 Hibiscus ☀️
 Hosta 🌿☀️
 Iris, Siberian ☀️
 Jacob's Ladder ☀️🌿
 Joe Pye* ☀️🌿
 Lady's Mantle ☀️🌿
 Liatris ☀️🌿
 Ligularia 🌿
 Lobelia ☀️🌿
 Lychnis ☀️🌿

PERENNIALS (continued)

Milkweed, Swamp ☀️
 Obedient Plant ☀️🌿
 Pulmonaria 🌿☀️
 Solomon's Seal 🌿☀️
 Spiderwort ☀️🌿
 Turtlehead ☀️🌿
 Virginia Bluebells 🌿☀️

GROUND COVER

Houttuynia ☀️🌿☀️
 Liriope ☀️🌿☀️
 Sweet Woodruff 🌿☀️

TREES

Amelanchier ☀️🌿
 Baldcypress* ☀️
 Birch, River* ☀️
 Catalpa ☀️
 Dawn Redwood ☀️
 Larch, European ☀️
 Magnolia ☀️🌿
 Maple, Red ☀️
 Planetree* ☀️
 Tamarak* ☀️
 Willow* ☀️

SHRUBS

Althea ☀️🌿
 Amelanchier ☀️🌿
 Arborvitae ☀️
 Aronia ☀️🌿
 Clethra ☀️🌿☀️
 Dogwood* ☀️🌿
 Holly, Winterberry* ☀️🌿
 Potentilla ☀️
 Sweetshrub ☀️🌿
 Sweetspire ☀️🌿
 Viburnum, Arrowwood ☀️🌿
 Viburnum, Cranberry ☀️🌿
 Willow* ☀️

(B) = Biennial

(SV) = Select Varieties

* Tolerates Standing Water

Plants Tolerant of Dry Conditions

(Once established)

PERENNIALS

Agastache ☼
 Allium ☼
 Armeria ☼
 Artemisia ☼
 Aster ☼
 Baby's Breath ☼
 Bachelor Button ☼
 Baptisia ☼
 Barrenwort ☼
 Candytuft ☼
 Catmint ☼
 Coneflower ☼
 Coral Bells ☼
 Coreopsis ☼
 Cupid's Dart ☼
 Daylily ☼
 Dianthus ☼
 Evening Primrose ☼
 Gaillardia ☼
 Gaura ☼
 Geranium ☼
 Goldenrod ☼
 Grass,
 Perennial (SV) ☼
 Helleborus ☼
 Iris, German Bearded ☼
 Jupiter's Beard ☼
 Lamb's Ear ☼
 Lavender ☼
 Liatris ☼
 Lily ☼
 Lychnis ☼
 Milk Weed,
 Butterfly Flower ☼
 Obedient Plant ☼
 Oregano, Ornamental ☼
 Penstemon ☼
 Pincushion ☼
 Poker Plant ☼
 Pulmonaria ☼
 Rudbeckia ☼
 Russian Sage ☼

PERENNIALS (continued)

Salvia ☼
 Sedum ☼
 Snow in Summer ☼
 Spurge ☼
 Stokes' Aster ☼
 Sunflower ☼
 Yarrow ☼
 Yucca ☼

GROUND COVER

Ajuga ☼
 Bearberry ☼
 Hens and Chicks ☼
 Ice Plant ☼
 Ivy, English ☼
 Lamium ☼
 Lily of the Valley ☼
 Liriope ☼
 Myrtle ☼
 Pachysandra ☼
 Phlox, Creeping ☼
 Plumbago ☼
 Sedum ☼
 Thyme ☼

VINES

Akebia ☼
 Dutchman's Pipe ☼
 Hydrangea, Climbing ☼
 Ivy (Deciduous) ☼
 Silver Lace Vine ☼
 Trumpet Vine ☼

TREES

Catalpa ☼
 Fir, Concolor ☼
 Honeylocust ☼
 Lilac Tree, Japanese ☼
 Maple, Norway ☼
 Peashrub, Siberian ☼
 Pine ☼

SHRUBS & EVERGREENS

Abelia ☼
 Aronia ☼
 Barberry ☼
 Bayberry ☼
 Buckthorn ☼
 Cotoneaster ☼
 Cypress, Siberian ☼
 Diervilla ☼
 Hypericum ☼
 Juniper ☼
 Kerria ☼
 Pine, Mugo ☼
 Potentilla ☼
 Privet ☼
 Smoketree ☼
 Sumac ☼

- ☼ **SUN** – These plants need at least 8 hours of direct sunlight.
- ☼
☼ **PARTIAL SHADE** – These plants need a minimum of 4 hours of direct sunlight and maximum of 8 hours. Avoid hot afternoon sunlight.
- ☼
☼ **SHADE** – These plants need less than 4 hours of direct sunlight. Avoid hot afternoon sunlight.
- ☼
☼
☼ **SUN-SHADE** – These plants can be grown in any light situation.

(SV) = Select Varieties (B) = Biennial

Plants Tolerant of Partial Shade to Shade Conditions

PERENNIALS

Aralia ☼☼☼
 Astilbe ☼
 Barrenwort ☼☼
 Bergenia ☼☼
 Bleeding Heart ☼☼
 Brunnera ☼☼
 Cimicifuga ☼☼
 Coral Bells ☼☼
 Corydalis ☼☼
 Fairy Bells ☼☼
 Fern ☼☼
 Goat's Beard ☼☼
 Grass, Hakonechloa ☼
 Grass, Sedge ☼☼
 Helleborus ☼
 Heucherella ☼
 Hosta ☼☼
 Jacob's Ladder ☼☼
 Ligularia ☼
 Pulmonaria ☼☼
 Shamrock, Strawberry ☼☼
 Solomon's Seal ☼☼
 Spiderwort ☼☼
 Toad Lily ☼☼
 Turtlehead ☼☼
 Viola ☼☼
 Wood Poppy ☼☼
 Virginia Bluebells ☼☼☼

GROUND COVER

Ajuga ☼☼
 Blue-Star Creeper ☼☼
 Clover ☼☼
 Ginger ☼☼
 Houttuynia ☼☼
 Iris, Dwarf, Crested ☼
 Ivy, English ☼☼
 Lamium ☼☼☼
 Lily of the Valley ☼☼
 Liriope ☼☼☼
 Moss ☼☼
 Myrtle ☼☼☼

GROUND COVER (Continued)

Pachysandra ☼☼☼
 Rupturewort ☼☼
 Sweet Woodruff ☼☼☼
 Toadflax ☼

VINES

Akebia ☼☼☼
 Clematis ☼☼
 Dutchman's Pipe ☼☼
 Honeysuckle ☼☼
 Hydrangea, Climbing ☼☼☼
 Ivy, Deciduous ☼☼☼
 Silver Lace Vine ☼☼

TREES

Althea Tree ☼☼
 Amelanchier ☼☼
 Beech ☼☼
 Catalpa ☼☼
 Dogwood, Flowering ☼
 Hornbeam ☼☼
 Hydrangea Tree ☼☼
 Magnolia ☼☼
 Maple, Japanese (SV) ☼☼
 Mulberry, Weeping ☼☼
 Redbud ☼☼
 Witchhazel ☼☼
 Willow (SV) ☼☼

SHRUBS

Abelia ☼☼
 Althea ☼☼
 Amelanchier ☼☼
 Aronia ☼☼
 Azalea, Deciduous ☼☼
 Bayberry ☼☼
 Buckthorn ☼☼
 Clethra ☼☼☼
 Cotoneaster ☼☼

SHRUBS (Continued)

Currant ☼☼☼
 Deutzia ☼☼
 Diervilla ☼☼
 Dogwood ☼☼
 Fothergilla ☼☼
 Holly, Winterberry ☼☼
 Hydrangea ☼☼
 Hypericum ☼☼
 Kerria ☼☼☼
 Mockorange ☼☼
 Privet (SV) ☼☼
 Quince ☼☼
 Spirea (SV) ☼☼
 Sweetshrub ☼☼☼
 Sweetspire ☼☼
 Viburnum ☼☼
 Weigela (SV) ☼☼

BROADLEAF EVERGREENS

Azalea ☼
 Boxwood ☼
 Euonymus ☼
 Holly ☼
 Pieris ☼
 Rhododendron ☼

EVERGREENS

Arborvitae (SV) ☼☼
 Cypress (SV) ☼☼
 Dawn Redwood, Amber Glow ☼☼
 Fir ☼☼
 Hemlock ☼☼
 Spruce, Serbian ☼☼
 Yew ☼☼☼

Plants Tolerant of Clay Soils

(With proper planting techniques)

PERENNIALS

Anemone ☼
Aster ☼
Baptisia ☼
Bee Balm ☼
Coneflower ☼
Cupid's Dart ☼
Daylily ☼
Foxglove ☼
Goat's Beard ☼
Grass, Perennial ☼
Jacob's Ladder ☼
Jupiter's Beard ☼
Lady's Mantle ☼
Lamb's Ear ☼
Liatris ☼
Ligularia ☼
Rudbeckia ☼
Russian Sage ☼

GROUND COVER

Ajuga ☼
Ivy, English ☼
Lamium ☼
Toadflax ☼

TREES

Baldcypress ☼
Crab ☼
Honeylocust ☼
Maple, Red-Hybrid ☼
Pear (ornamental) ☼
Spruce ☼
Willow ☼

SHRUBS

Aronia ☼
Barberry ☼
Burning Bush ☼
Diervilla ☼
Dogwood ☼
Forsythia ☼
Lilac ☼
Privet ☼
Spirea ☼
Viburnum ☼
Willow ☼

EVERGREENS

Arborvitae ☼
Juniper ☼

Plants for Acidic Soils

PERENNIALS

Astilbe ☼
Baptisia* ☼
Columbine ☼
Fern ☼
Grass, Perennial,
Bamboo* ☼
Lily* ☼
Lupine* ☼
Milk Weed,
Butterfly Flower* ☼

GROUND COVER

Bearberry* ☼
Ivy, English* ☼
Lily of the Valley ☼
Pachysandra* ☼
Sweet Woodruff* ☼

VINES

Hydrangea, Climbing
☼

TREES

Larch ☼
Maple, Red ☼
Oak ☼
Pine ☼
Sweetgum ☼

SHRUBS

Blueberry ☼
Clethra* ☼
Fothergilla ☼
Holly, Winterberry ☼
Hydrangea ☼

BROADLEAF

EVERGREENS

Azalea ☼
Holly ☼
Pieris ☼
Rhododendron ☼

*Acid-tolerant; does not require acidic soil