



plants for challenging sites

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

PERENNIALS

Anemone ☼
 Astilbe 🌿
 Baptisia ☼
 Bee Balm* ☼
 Bergenia 🌿
 Bleeding Heart ☼
 Brunnera 🌿
 Daylily ☼
 Fairy Bells,
 Variegated 🌿
 Fern 🌿
 Foamflower 🌿
 Forget-Me-Not (B) 🌿
 Foxglove ☼
 Goat's Beard ☼
 Grass,
 Perennial (SV) ☼
 Hibiscus ☼
 Hosta 🌿
 Iris, Siberian ☼
 Jacob's Ladder ☼
 Joe Pye* ☼
 Lady's Mantle ☼
 Liatris ☼
 Ligularia 🌿
 Lobelia* ☼

PERENNIALS (continued)

Lychnis ☼
 Obedient Plant ☼
 Primrose 🌿
 Pulmonaria 🌿
 Solomon's Seal 🌿
 Spiderwort ☼
 Trillium 🌿
 Turtlehead ☼
 Virginia Bluebells* 🌿

GROUND COVER

Bunchberry 🌿
 Houttuynia ☼
 Liriope ☼
 Lysimachia ☼
 Snow on the Mountain ☼
 Sweet Woodruff 🌿

VINES

Hydrangea, Climbing ☼

TREES

Amelanchier ☼
 Baldcypress ☼
 Birch ☼
 Catalpa ☼
 Dawn Redwood ☼
 Magnolia ☼
 Maple, Red ☼
 Planetree ☼
 Willow ☼

SHRUBS

Althea ☼
 Amelanchier ☼
 Arborvitae ☼
 Azalea (Deciduous) ☼
 Chokeberry ☼
 Clethra ☼
 Dogwood ☼
 Potentilla ☼
 Sweetshrub ☼
 Sweetspire ☼
 Viburnum, Arrowwood ☼
 Viburnum, Cranberry ☼
 Willow ☼
 Winterberry Holly ☼

(B) = Biennial

(SV) = Select Varieties

* Tolerates Standing Water

Plants Tolerant of Dry Conditions

PERENNIALS

Agastache ☀️
 Ajania ☀️
 Arabis ☀️
 Armeria ☀️
 Artemisia ☀️🌿
 Aster ☀️
 Baby's Breath ☀️
 Bachelor Button ☀️
 Barrenwort 🌿☀️
 Butterfly Flower ☀️
 Candytuft ☀️🌿
 Coneflower ☀️
 Coral Bells ☀️🌿
 Coreopsis ☀️
 Cupid's Dart ☀️
 Daylily ☀️🌿
 Dianthus ☀️
 Evening Primrose ☀️🌿
 Gaillardia ☀️
 Gaura ☀️
 Geranium ☀️🌿
 Grass,
 Perennial (SV) ☀️🌿
 Iris, German Bearded ☀️
 Jupiter's Beard ☀️🌿
 Lamb's Ear ☀️
 Lavender ☀️
 Liatris ☀️🌿
 Lily ☀️🌿
 Lychnis ☀️🌿
 Obedient Plant ☀️🌿
 Oregano, Ornamental ☀️
 Penstemon ☀️🌿
 Pincushion ☀️🌿
 Poker Plant ☀️
 Pulmonaria 🌿☀️
 Rudbeckia ☀️🌿
 Russian Sage ☀️
 Salvia ☀️
 Sedum ☀️🌿

PERENNIALS (continued)

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 🌿☀️
 Liriopse ☀️🌿☀️
 Myrtle ☀️🌿☀️
 Pachysandra 🌿☀️
 Phlox, Creeping ☀️
 Plumbago ☀️🌿
 Sedum ☀️
 Snow on the Mountain ☀️🌿☀️
 Thyme ☀️

VINES

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

TREES

Catalpa ☀️
 Elm ☀️
 Fir, Concolor ☀️🌿
 Honeylocust ☀️
 Locust ☀️
 Maple, Amur ☀️
 Maple, Norway ☀️
 Peashrub, Siberian ☀️
 Pine ☀️

SHRUBS

Barberrry ☀️
 Beautybush ☀️
 Buckthorn ☀️🌿
 Chokeberry ☀️🌿
 Cotoneaster ☀️🌿
 Currant ☀️🌿☀️
 Cypress, Siberian ☀️🌿
 Honeysuckle ☀️🌿
 Hypericum ☀️🌿
 Juniper ☀️
 Kerria ☀️🌿☀️
 Pine, Mugo ☀️
 Potentilla ☀️
 Privet ☀️
 Quince ☀️🌿
 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.

Plants Tolerant of Partial Shade to Shade Conditions

PERENNIALS

Astilbe ☼
Barrenwort ☼ ☼
Bergenia ☼ ☼
Bleeding Heart ☼ ☼
Brunnera ☼ ☼
Coral Bells ☼ ☼
Corydalis ☼ ☼
Fern ☼ ☼
Foamflower ☼ ☼
Forget-Me-Not (B) ☼
Foxglove ☼ ☼
Geranium ☼ ☼
Goat's Beard ☼ ☼
Grass, Hakonechloa ☼
Helleborus ☼
Heucherella ☼
Hosta ☼ ☼
Jacob's Ladder ☼ ☼
Ligularia ☼
Primrose ☼
Pulmonaria ☼ ☼
Shamrock, Strawberry ☼ ☼
Spiderwort ☼ ☼
Toad Lily ☼ ☼
Turtlehead ☼ ☼
Viola ☼ ☼

GROUND COVER

Ajuga ☼ ☼
Bunchberry ☼ ☼
Houttuynia ☼ ☼ ☼
Iris, Dwarf, Crested ☼
Ivy, English ☼ ☼
Lamiasrum ☼ ☼
Lamium ☼ ☼ ☼
Lily of the Valley ☼ ☼ ☼
Liriope ☼ ☼ ☼
Lysimachia ☼ ☼ ☼
Moss ☼ ☼
Myrtle ☼ ☼ ☼
Pachysandra ☼ ☼
Snow on the Mountain
☼ ☼ ☼

Sweet Woodruff ☼ ☼ (SV) = Select Varieties (B) = Biennial

VINES

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

TREES

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

SHRUBS

Althea ☼ ☼
Amelanchier ☼ ☼
Azalea, Deciduous ☼ ☼
Buckeye ☼ ☼
Buckthorn ☼ ☼
Chokeberry ☼ ☼
Clethra ☼ ☼ ☼
Cotoneaster ☼ ☼
Currant ☼ ☼ ☼
Daphne ☼
Deutzia ☼ ☼
Dogwood ☼ ☼

SHRUBS (Continued)

Fothergilla ☼ ☼
Honeysuckle ☼ ☼
Hydrangea ☼ ☼
Hypericum ☼ ☼
Kerria ☼ ☼ ☼
Mockorange ☼ ☼
Quince ☼ ☼
Spirea (SV) ☼ ☼
Sumac, Fragrant ☼ ☼ ☼
Sweetspire ☼ ☼
Viburnum ☼ ☼

BROADLEAF EVERGREENS

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

EVERGREENS

Cypress (SV) ☼ ☼
Dawn Redwood,
Gold Rush ☼ ☼
Fir ☼ ☼
Hemlock ☼ ☼
Spruce, Serbian ☼ ☼
Yew ☼ ☼ ☼

Plants Tolerant of Clay Soils

PERENNIALS

Anemone ☼
Aster ☼
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 ☼

GROUND COVER

Ajuga ☼
Ivy, English ☼
Lamium ☼
Lysimachia ☼
Toadflax ☼

TREES

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

SHRUBS

Barberry ☼
Burning Bush ☼
Chokeberry ☼
Dogwood ☼
Forsythia ☼
Lilac ☼
Privet ☼
Quince ☼
Smoketree ☼
Spirea ☼
Viburnum ☼
Willow ☼

EVERGREENS

Arborvitae ☼
Juniper ☼

Plants for Acidic Soils

PERENNIALS

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

GROUND COVER

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

VINES

Hydrangea, Climbing
☼

TREES

Larch ☼
Maple, Red ☼
Oak ☼
Pine ☼

SHRUBS

Blueberry ☼
Clethra ☼
Fothergilla ☼
Hydrangea ☼

BROADLEAF

EVERGREENS

Azalea ☼
Blueberry ☼
Holly ☼
Pieris ☼
Rhododendron ☼

*Acid-tolerant; does not require acidic soil