



Promoting Native Plants since 2003 Certified Women Owned Business Enterprise

## Clay Tolerant Plants

Clay is the smallest of soil particles. Most soils are a combination of sand, silt and clay, with varying amounts of each.

Clay can cause issues with drainage and compaction, making it difficult for plants to thrive. We have compiled this list of plants that have adapted to thrive in clay soil. If you need more information on your soil, consider using this USDA web soil survey for your area of interest:

<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

### Perennials

<i>Athyrium filix-femina</i> var. <i>angustum</i>	- Northern Lady Fern	<i>Lobelia species</i>	- Cardinal Flower
<i>Caltha palustris</i>	- Marsh Marigold	<i>Lysimachia lanceolata</i>	- Lance-leaved Loosestrife
<i>Chamaelirium luteum</i>	- Fairy Wand, Devil's Bit	<i>Matteuccia struthiopteris</i>	- Ostrich Fern
<i>Chelone species</i>	- Turtlehead	<i>Mimulus species</i>	- Monkey Flower
<i>Conoclinium coelestinum</i>	- Blue Mistflower	<i>Oenothera biennis</i>	- Evening Primrose
<i>Delphinium tricorne</i>	- Dwarf Larkspur	<i>Onoclea sensibilis</i>	- Sensitive Fern
<i>Doellingeria umbellata</i>	- Flat-topped Aster	<i>Osmunda regalis</i> var. <i>spectabilis</i>	- Royal Fern
<i>Elephantopus caroliniana</i>	- Elephant's Foot	<i>Packera aurea</i>	- Golden Ragwort
<i>Eupatorium perfoliatum</i>	- Boneset	<i>Physostegia virginiana</i>	- Obedient Plant
<i>Euthamia graminifolia</i> ( <i>Solidago</i> )	- Grass-leaved Goldenrod	<i>Rudbeckia laciniata</i>	- Cut-leaf Coneflower
<i>Eutrochium species</i> ( <i>Eupatorium</i> )	- Joe-Pye Wee	<i>Silphium perfoliatum</i>	- Cup Plant
<i>Filipendula rubra</i>	- Queen of the Prairie	<i>Symphotrichum puniceum</i>	- Purplestem Aster
<i>Helenium autumnale</i>	- Sneezeweed	<i>Symplocarpus foetidus</i>	- Skunk Cabbage
<i>Hibiscus species</i>	- Rose Mallow	<i>Tradescantia virginiana</i>	- Virginia Spiderwort
<i>Houstonia caerulea</i>	- Quaker Ladies, Bluets	<i>Vernonia noveboracensis</i>	- New York Ironweed
<i>Impatiens capensis</i>	- Jewelweed	<i>Viola species</i>	- Violets
<i>Iris species</i>	- Blueflag, Copper, Louisiana		

### Sedges and Grasses

<i>Carex grayi</i>	- Gray's Sedge
<i>Carex laxiculmis</i>	- Woodland Sedge
<i>Carex lurida</i>	- Sallow Sedge
<i>Carex muskingumensis</i>	- Palm Sedge
<i>Carex stricta</i>	- Tussock Sedge
<i>Carex vulpinoidea</i>	- Fox Sedge
<i>Carex woodii</i>	- Pretty Sedge
<i>Juncus effusus</i>	- Soft Rush
<i>Scirpus cyperinus</i>	- Woolgrass

## Shrubs and Trees

<i>Alnus species</i>	- Alder
<i>Betula nigra</i>	- River Birch
<i>Carya species</i>	- Shellbark and Shagbark Hickory
<i>Cephalanthus occidentalis</i>	- Buttonbush
<i>Cercis canadensis</i>	- Eastern Redbud
<i>Chamaecyparis thyoides</i>	- Atlantic White Cedar
<i>Dirca palustris</i>	- Eastern Leatherwood
<i>Ilex glabra</i>	- Inkberry Holly
<i>Ilex opaca</i>	- American Holly
<i>Ilex verticillata</i>	- Winterberry Holly
<i>Larix laricina</i>	- Larch, Tamarack
<i>Lindera benzoin</i>	- Spicebush
<i>Platanus occidentalis</i>	- American Sycamore
<i>Quercus bicolor</i>	- Swamp White Oak
<i>Salix discolor</i>	- Pussy Willow
<i>Salix nigra</i>	- Black Willow
<i>Spiraea alba var. latifolia</i>	- White Meadowsweet
<i>Spiraea tomentosa</i>	- Meadowsweet, Steeplebush
<i>Taxodium distichum</i>	- Bald Cypress
<i>Viburnum opulus var. americanum</i>	- American Cranberry Bush

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While this is an extensive list there are even more species of clay tolerant plants. Refer to our plant signs at the nursery, or on our website, to find more clay tolerant native plants.

### **6 Reasons to Use Native Plants in the Landscape**

**Provides beauty and four seasons of interest**

**Saves on water and fertilizer**

**Reduces disease**

**Attracts beneficial insects**

**Provides food for songbirds and butterflies**

**Restores and balances the ecology of Lehigh Valley**

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[www.EdgeOfTheWoodsNursery.com](http://www.EdgeOfTheWoodsNursery.com)