

Plants to Grow Under Black Walnut Trees

The Black Walnut tree contains a substance that is toxic to many plants. This chemical, juglone, is present in all parts of the tree and affects plants growing beneath and around the tree.

Juglone damage appears as yellowing or browning of leaves, stunted growth or failure to grow. Damage caused by juglone cannot be reversed.

Some plants exhibit high tolerance to the chemical, while others have a very low success rate when grown near Black Walnuts. Plants are listed as tolerant or not tolerant of Black Walnut. The tolerance is not known of all plants. For those plants not listed, try planting a small number of plants before planting large groupings. Observe the plants for signs of damage for at least a full growing season before planting additional plants.

TOLERANT PLANTS

FRUITS & VEGETABLES

Bean, Lima
Bean, Snap
Beet
Corn, Sweet
Grape
Onion
Parsnip
Raspberry, Black

TREES

Amelanchier, Serviceberry
Arborvitae
Ash, White
Beech, American
Birch, River
Catalpa
Dogwood
Hawthorn
Hemlock, Canadian
Honeylocust
Linden

BULBS

Crocus
Crocus, Autumn
Grape Hyacinth
Narcissus
Tulip, Darwin

PERENNIALS & GROUNDCOVERS

Ajuga
Anemone
Aster
Astilbe

SHRUBS & VINES

Althea
Azalea, Deciduous
Bittersweet
Burning Bush
Clematis, Red Cardinal
Forsythia
Ivy, Engelman
Mountain Laurel
Ninebark
Viburnum, Arrowhead

Maple, Japanese
Maple, Red
Maple, Sugar
Oak
Pine, White
Planetree, London
Silverbell, Carolina
Spruce, Norway
Sweetgum
Tuliptree
Witchhazel

ANNUALS

Begonia
Calendula
Geranium
Impatiens
Morning Glory
Salvia
Viola

Joe Pye
Lamb's Ear
Leopard's Bane
Liriope

Bee Balm
Bloodroot
Bluegrass, Kentucky
Coral Bells
Daisy, Shasta
Daylily
Fern, Christmas
Fern, Cinnamon
Fern, Ostrich
Fern, Wood
Fleabane
Geum
Ginger, European
Goldenrod
Grass, Blue Fescue
Helen's Flower
Hollyhock
Iris, German Bearded
Iris, Siberian
Jack-in-the-Pulpit
Jacob's Ladder

Meadow Rue
Merrybells
Myrtle
Pachysandra
Phlox, Paniculata
Primrose
Primrose, Evening
Pulmonaria
Rudbeckia
Salvia
Sedum, Acre
Sedum, Autumn Joy
Solomon's Seal
Spiderwort
Sweet Woodruff
Sunflower
Trillium
Verbascum
Veronica
Violet