

## **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