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, Snap
- Beet
- Corn, Sweet
- Grape
- Melon
- Onion
- Squash

### Shrubs & Vines
- Althea
- Burning Bush
- Clematis, Sweet Autumn
- Currant
- Dutchman’s Pipe
- Forsythia
- Grape
- Honeysuckle
- Hypericum
- Kerria
- Ninebark
- Viburnum, Mohican

### Trees
- Amelanchier
- Arborvitae
- Birch, River
- Catalpa
- Dogwood
- Hemlock, Canadian
- Honeylocust
- Linden
- Maple, Japanese
- Maple, Red
- Maple, Sugar
- Mulberry
- Oak
- Redbud
- Willow

### Bulbs
- Crocus
- Crocus, Autumn
- Grape Hyacinth
- Narcissus
- Tulip, Darwin

### Annuals
- Begonia
- Geranium
- Morning Glory
- Salvia
- Viola
- Zinnia
TOLERANT PLANTS

PERENNIALS & GROUND COVERS

Ajuga 🌱
Anemone 🌱
Aster 🌱
Astilbe 🌱
Bee Balm 🌱
Bellflower, Uniform 🌱
Bleeding Heart 🌱
Coneflower 🌱
Coral Bells 🌱
Daisy, Shasta 🌱
Daylily 🌱
Evening Primrose 🌱
Fern 🌱
Geranium 🌱
Grass, Blue Fescue 🌱
Hollyhock 🌱
Hosta 🌱
Iris, Siberian 🌱
Jacob’s Ladder 🌱
Lamb’s Ear 🌱
Liriope 🌱
Obedient Plant 🌱
Pachysandra 🌱
Phlox, Creeping 🌱
Primrose 🌱
Pulmonaria 🌱
Rudbeckia 🌱
Sedum 🌱
Solomon’s Seal, Variegated 🌱
Spiderwort 🌱
Sweet Woodruff 🌱
Sunflower 🌱
Trillium 🌱
Veronica 🌱
Viola 🌱

GRASS SEED

Bluegrass, Kentucky 🌱

*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 NOT TOLERANT OF BLACK WALNUT

**TREES**
- Apple
- Birch
- Crab
- Larch
- Linden
- Norway Spruce
- Pine, White

**VEGETABLES**
- Asparagus
- Cabbage
- Pepper
- Potato
- Tomato

## SHRUBS, VINES & FLOWERS

**Azalea**
**Blueberry**
**Cotoneaster**
**Holly, Winterberry**
**Hydrangea**
**Lilac**
**Ninebark**
**Pine, Mugo**
**Potentilla**
**Privet**
**Rhododendron**
**Rose**
**Viburnum**
**Viburnum, Arrowwood**
**Viburnum, Doublefile**
**Yew**

## PERENNIALS

- Baptisia
- Columbine
- Lily
- Peony
- Rhubarb