

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

### 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