

## Black Walnut Tolerant Plant List

Black walnut toxicity due to juglone has not been studied in depth. Much of what is known is based on one study done many decades ago, so any list regarding this topic is incomplete and some of the information may be anecdotal.

*Tolerant plants are listed alphabetically by their scientific names. List is based on plants we carry at our Zone 4B garden center. (spp. indicates that all species are included as tolerant.)*

### Herbaceous Perennials

Yarrow (*Achillea* spp.)  
Bugleweed (*Ajuga* spp.)  
Hollyhock (*Alcea rosea*)  
Windflower (*Anemone* spp.)  
Jack-in-the-Pulpit (*Arisaema triphllyum*)  
Wild Ginger (*Asarum* spp.)  
Aster (*Aster* spp.)  
Astilbe (*Astilbe* spp.)  
Lady Fern (*Athyrium* spp.)  
Bellflower (*Campanula* spp.)  
Pennsylvania Sedge (*Carex pensylvanica*)  
Chrysanthemum (*Chrysanthemum* spp.)  
Bleeding Hearts (*Dicentra* spp.)  
Purple Coneflower (*Echinacea purpurea*)  
Epimedium (*Epimedium* spp.)  
Joe-Pye Weed (*Eupatorium* spp.)  
Sweet Woodruff (*Galium odoratum*)  
Gentian (*Gentiana* spp.)  
Cranesbill (*Geranium* spp.)  
Perennial Sunflower (*Helianthus* spp.)  
Hellebore (*Helleborus* spp.)  
Daylily (*Hemerocallis* spp.)  
Coral Bells (*Heuchera* spp.)  
Hosta (*Hosta* spp.)  
Virginia Waterleaf (*Hydrophyllum virginianum*)  
Bearded Iris (*Iris germanica*)  
Siberian Iris (*Iris sibirica*)  
Bleeding Heart (*Lamprocapnos spectabilis*)  
Lobelia (*Lobelia* spp.)

Peppermint (*Mentha piperita*)  
Bee Balm (*Monarda* spp.)  
Sensitive Fern (*Onoclea sensibilis*)  
Cinnamon Fern (*Osmunda cinnamomea*)  
Garden Phlox (*Phlox paniculata*)  
Mayapple (*Podophyllum peltatum*)  
Jacob's Ladder (*Polemonium reptans*)  
Solomon's Seal (*Polygonatum* spp.)  
Christmas Fern (*Polystichum* spp.)  
Lungwort (*Pulmonaria* spp.)  
Black-Eyed Susan (*Rudbeckia* spp.)  
Bloodroot (*Sanguinaria canadensis*)  
Stonecrop (*Sedum* spp.)  
Goldenrod (*Solidago* spp.)  
Lamb's Ears (*Stachys byzantina*)  
Meadow Rue (*Thalictrum* spp.)  
Spiderwort (*Tradescantia virginiana*)  
Trillium (*Trillium* spp.)  
Bellwort (*Uvularia* spp.)  
Speedwell (*Veronica* spp.)  
Violet (*Viola* spp.)

### Trees

Boxelder (*Acer negundo*)  
Japanese Maple (*Acer palmatum* and cultivars)  
Red Maple (*Acer rubrum*)  
Sugar Maple (*Acer saccharum*)  
Ohio Buckeye (*Aesculus glabra*)  
Horse Chestnut (*Aesculus hippocastanum*)  
Serviceberry (*Amelanchier* spp.)

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### Trees cont.

River Birch (*Betula nigra*)  
Northern catalpa (*Catalpa speciosa*)  
Redbud (*Cercis canadensis*)  
Dogwood (*Cornus spp.*)  
Hawthorn (*Crataegus spp.*)  
Honey-Locust (*Gleditsia triacanthos*)  
Tulip Tree (*Liriodendron tulipifera*)  
Wild Plum (*Prunus americana*)  
Peach (*Prunus persica*)  
Cherry (*Prunus spp.*)  
Oak (*Quercus spp.*)  
Willow (*Salix spp.*)  
American Elm (*Ulmus americana*)

### Shrubs

New Jersey Tea (*Ceanothus americanus*)  
Pagoda Dogwood (*Cornus alternifolia*)  
Silky Dogwood (*Cornus amomum*)  
American Hazelnut (*Corylus americana*)  
Forsythia (*Forsythia spp.*)  
Witch-Hazel (*Hamamelis spp.*)  
Hydrangea Arborescens (*Hydrangea Arbor. spp.*)  
Juniper (*Juniperus spp.*)  
Mock-Orange (*Philadelphus spp.*)  
Ninebark (*Physocarpus opulifolius*)  
Sumac (*Rhus spp.*)

Currant (*Ribes spp.*)

Elderberry (*Sambucus spp.*)

Arrowwood Viburnum (*Viburnum dentatum*)

American Highbush Cranberry (*Viburnum trilobum*)

Yucca (*Yucca spp.*)

### Evergreens

Juniper (*Juniperus spp.*)

Eastern Red Cedar (*Juniperus virginiana*)

Arborvitae (*Thuja spp.*)

Hemlock (*Tsuga canadensis*)

### Vines

Bittersweet (*Celastrus spp.*)

Clematis (*Clematis spp.*)

Honeysuckle Vine (*Lonicera spp.*)

Virginia Creeper (*Parthenocissus quinquefolia*)

Wild Grape (*Vitis spp.*)

Wisteria (*Wisteria spp.*)

## Black Walnut Sensitive Plant List

If you're gardening near a black walnut, keep sensitive plants out of the root zone altogether, and if you're working in a raised bed nearby, make sure fallen leaves, twigs, and nuts don't end up mixed into the soil. It's also best to skip black walnut leaves, bark, or wood chips as mulch or compost anywhere near your other plants — the juglone travels right along with them. Your simplest path to success is picking varieties already known to tolerate juglone, and avoid the plants listed below.

*List is based on plants we carry at our Zone 4B garden center.*

### Trees

Apples, European Alder, White Birch, Crabapple spp. Hackberry, Larch, Linden, Pears, Mugo Pine, Red Pine, White Pine, Norway Spruce, Silver Maple, some Viburnum species

### Shrubs

Blueberry, Hydrangea, Lilac, Privet, Potentilla, Rhododendron, Yew, some Viburnum species

### Herbaceous perennials

Baptisia, Columbine, Asian Lilies, Peony, Rhubarb

### Annuals and vegetables

Asparagus, Cabbage, Eggplant, Pepper, Petunia, Potato, Tomato