

PLANTING NEAR BLACK WALNUT TREES

Key Points to Remember:

1. The drip line of a black walnut (everything under the canopy from trunk to farthest branch tips) is the hardest place to grow plants because the tree concentrates the chemical juglone under its own canopy.
2. Remove all fallen black walnut leaves, stems and walnuts since they also contain the chemical. The roots are also toxic and juglone can persist in dead wood for years even after the tree is removed.
3. Learn which plants can tolerate being near black walnut trees and which cannot. See our plant list below.
4. Black walnut trees can create heavy shade. Limb branches up high to allow enough light in to grow plants below.
5. The bad news is that tomatoes will not grow near black walnuts, so your dreams of a salsa garden might be compost for now...

PLANTS TOLERANT OF BLACK WALNUT TOXICITY

TREES

Box elder	<i>Acer negundo</i>
Japanese maple	<i>Acer palmatum</i> & cvs.
Red maple	<i>Acer rubrum</i>
Sugar maple	<i>Acer saccharum</i>
Ohio buckeye	<i>Aesculus glabra</i>
Yellow buckeye	<i>Aesculus octandra</i>
Serviceberry	<i>Amelanchier</i> spp.
Pawpaw	<i>Asimina triloba</i>
Sweet birch	<i>Betula lenta</i>

Yellow birch	<i>Betula lutea</i>
River birch	<i>Betula nigra</i>
American hornbeam	<i>Carpinus</i>
caroliniana	
Hickory	<i>Carya</i> spp.
American chestnut	<i>Castanea dentata</i>
Southern catalpa	<i>Catalpa</i>
bignonioides	
Redbud	<i>Cercis canadensis</i>
Fringe tree	<i>Chionanthus</i> spp.
Flowering dogwood	<i>Cornus florida</i>
Hawthorn	<i>Crataegus</i> spp.
Persimmon	<i>Diospyros virginiana</i>
American beech	<i>Fagus grandifolia</i>
Honey-locust	<i>Gleditsia</i>
tricanthos	
Silverbell	<i>Halesia carolina</i>
Witch-hazel	<i>Hamamelis</i> spp.
Sweet-gum	<i>Liquidambar</i>
styraciflua	
Tulip-tree	<i>Liriodendron</i>
tulipifera	
Cucumbertree	<i>Magnolia acuminata</i>
Tupelo	<i>Nyssa sylvatica</i>
Sycamore	<i>Platanus occidentalis</i>
Wild plum	<i>Prunus americana</i>
Pin cherry	<i>Prunus pennsylvanica</i>
Black cherry	<i>Prunus serotina</i>
White oak	<i>Quercus alba</i>
Scarlet oak	<i>Quercus coccinea</i>

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Shingle oak	<i>Quercus imbricaria</i>	Ninebark <i>opulifolius</i>	<i>Physocarpus</i>
Northern red oak	<i>Quercus rubra</i>		
Black oak	<i>Quercus velutina</i>	Exbury rhododendron hybrids	Rhododendron
Staghorn sumac	<i>Rhus typhina</i>	Fragrant sumac	<i>Rhus aromatica</i>
Black locust <i>pseudoacacia</i>	<i>Robinia</i>	Shining sumac	<i>Rhus copallina</i>
Willow	<i>Salix spp.</i>	Smooth sumac	<i>Rhus glabra</i>
Sassafras	<i>Sassafras albidum</i>	Currant	<i>Ribes spp.</i>
American elm	<i>Ulmus americana</i>	Wild rose	<i>Rosa spp.</i>
Slippery elm	<i>Ulmus rubra</i>	Black raspberry	<i>Rubus occidentalis</i>
<u>SHRUBS</u>		Purple-flowering raspberry	<i>Rubus odoratus</i>
Devil's walking stick	<i>Aralia spinosa</i>	Elderberry	<i>Sambucus spp.</i>
New Jersey tea <i>americanus</i>	<i>Ceanothus</i>	American bladdernut	<i>Staphylea trifolia</i>
Fringe tree <i>virginicus</i>	<i>Chionanthus</i>	Maple-leaved viburnum <i>acerifolium</i>	<i>Viburnum</i>
Pagoda dogwood	<i>Cornus alternifolia</i>	Korean spice viburnum & cvs.	<i>Viburnum carlesii</i>
Silky dogwood	<i>Cornus amomum</i>	Southern arrowwood <i>dentatum</i>	<i>Viburnum</i>
American hazelnut	<i>Corylus americana</i>	Black-haw <i>prunifolium</i>	<i>Viburnum</i>
February daphne	<i>Daphne mezereum</i>	Yucca	<i>Yucca spp</i>
Forsythia	<i>Forsythia spp.</i>	Prickly-ash <i>americanum</i>	<i>Zanthoxylum</i>
Rose-of-Sharon	<i>Hibiscus syriacus</i>		
Wild hydrangea <i>arborescens</i>	<i>Hydrangea</i>	<u>EVERGREENS</u>	
Shrubby St. Johnwort <i>prolificum</i>	<i>Hypericum</i>	Chinese juniper <i>chinensis</i>	<i>Juniperus</i>
Juniper	<i>Juniperus spp.</i>	Common juniper	<i>Juniperus communis</i>
Beauty bush	<i>Kolkwitzia amabilis</i>	Eastern red cedar <i>virginiana</i>	<i>Juniperus</i>
Spicebush	<i>Lindera benzoin</i>	Arborvitae	<i>Thuja spp.</i>
Mock-orange	<i>Philadelphus spp.</i>	Eastern hemlock	<i>Tsuga canadensis</i>

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VINES

Dutchman's pipe	<i>Aristolochia durior</i>
Bittersweet	<i>Celastrus</i> spp.
Clematis	<i>Clematis</i> spp.
Honeysuckle vine	<i>Lonicera</i> spp.
Virginia creeper spp.	<i>Parthenocissus</i>
Greenbriar	<i>Smilax</i> spp.
Wild grape	<i>Vitis</i> spp.
Wisteria	<i>Wisteria</i> spp.

Bleeding heart
spctabilis

Leopard's bane

Wood Fern

Purple coneflower
purpurea

Epimedium

Winter aconite

Dog's tooth violet

Joe-pyeweed

Snowdrop

Lamprocapnos

Doronicum spp.

Dryopteris spp.

Echinacea

Epimedium spp.

Eranthis hyemalis

Erythronium spp.

Eupatorium spp.

Galanthus nivalis

Galium odoratum

HERBACEOUS PERENNIALS, SPRING WILDFLOWERS AND BULBS

Yarrow	<i>Achillea</i> spp.
Bugleweed	<i>Ajuga</i> spp.
Hollyhock	<i>Alcea rosea</i>
Windflower	<i>Anemone</i> spp.
Jack-in-the-pulpit triphlyum	<i>Arisaema</i>
Wild ginger	<i>Asarum</i> spp.
Aster	<i>Aster</i> spp.
Astilbe	<i>Astilbe</i> spp.
Lady fern	<i>Athyrium</i> spp.
Rattlesnake fern	<i>Botrychium</i> spp.
Bellflower	<i>Campanula</i> spp.
Chrysanthemum spp.	<i>Chrysanthemum</i>
Spring beauty	<i>Claytonia</i> spp.
Fragile Fern	<i>Cystopteris fragilis</i>
Toothwort	<i>Dentaria</i> spp.

Sweet woodruff

Gentian

Cranesbill

Perennial sunflower

Hellebore

Daylily

Coral bell

Hosta

Virginia waterleaf
virginianum

Siberian iris

Bush-clover

Lilyturf

Lobelia

Peppermint

Bee balm

Grape hyacinth

Daffodil

spp.

Gentiana spp.

Geranium spp.

Helianthus spp.

Helleborus spp.

Hemerocallis spp.

Heuchera spp.

Hosta spp.

Hydrophyllum

Iris sibirica

Lespedeza spp.

Liriope spp.

Lobelia spp.

Mentha piperita

Monarda spp.

Muscari spp.

selected *Narcissus*

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Evening primrose	Oenothera spp.
Sensitive fern	Onoclea sensibilis
Cinnamon fern cinnamomea	Osmunda
Summer phlox	Phlox paniculata
False dragonhead	Physostegia spp.
Mayapple peltatum	Podophyllum
Jacob's ladder reptans	Polemonium
Solomon's seal	Polygonatum spp.
Christmas fern	Polystichum spp.
Primrose	Primula spp.
Lungwort	Pulmonaria spp.
Buttercup	Ranunculus spp.
Black-eyed Susan	Rudbeckia spp.
Bloodroot canadensis	Sanguinaria
Siberian squill	Scilla sibirica
Stonecrop	Sedum spp.
Goldenrod	Solidago spp.
Lamb's ears	Stachys byzantine
Meadow rue	Thalictrum spp.
Spiderwort virginiana	Tradescantia
Trillium	Trillium spp.
Tulip	selected Tulipa spp.
Bellwort	Uvularia spp.
Speedwell	Veronica spp.
Violet	Viola spp.