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PLANTS TOLERANT OF BLACK WALNUT TOXICITY

This list was formulated on the basis of other existing black walnut lists and personal experiences. It is important to realize that black walnut toxicity is a subject where there is little research. The secret to success is knowing that it is mainly trial and error as well as knowing the number of variables that can play a part in your success such as: light, soil type, root competition and availability of water.

TREES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Box Elder	<i>Acer negundo</i>	Carolina Silverbell	<i>Halesia carolina</i>
Japanese Maple	<i>Acer spp.</i>	Witchhazel	<i>Hamamelis spp.</i>
Red Maple	<i>Acer rubrum</i>	Golden Raintree	<i>Koelreutaria paniculata</i>
Sugar Maple	<i>Acer saccharum</i>	Sweetgum	<i>Liquidambar styraciflua</i>
Ohio Buckeye	<i>Aesculus glabra</i>	Tulip Tree	<i>Liriodendron tulipifera</i>
Sweet Buckeye	<i>Aesculus octandra</i>	Cucumber Magnolia	<i>Magnolia acuminata</i>
Tree of Heaven	<i>Ailanthus altissima</i>	Mulberry	<i>Morus spp.</i>
Servicberry	<i>Amelanchier spp.</i>	Blackgum	<i>Nyssa sylvatica</i>
PawPaw	<i>Asimina triloba</i>	Sycamore	<i>Plantanus spp.</i>
Sweet Birch	<i>Betula lenta</i>	Poplar/Aspen	<i>Populus spp.</i>
Yellow Birch	<i>Betula lutea</i>	American Plum	<i>Prunus americana</i>
River Birch	<i>Betula nigra</i>	Pin Cherry	<i>Prunus pennsylvanica</i>
American Hornbeam	<i>Carpinus caroliniana</i>	Wild Black Cherry	<i>Prunus serotina</i>
Hickory	<i>Carya spp.</i>	Chokecherry	<i>Prunus virginiana</i>
American Chestnut	<i>Castanea detata</i>	Pear	<i>Pyrus spp.</i>
Catalpa	<i>Catalpa bignonioides</i>	White Oak	<i>Quercus alba</i>
Hackberry	<i>Celtis occidentalis</i>	Scarlet Oak	<i>Quercus coccinea</i>
Redbud	<i>Cercis canadensis</i>	Shingle Oak	<i>Quercus imbricaria</i>
Fringe Tree	<i>Chionanthus virginicus</i>	Red Oak	<i>Quercus rubra</i>
Pagoda Dogwood	<i>Cornus alnifolia</i>	Staghorn Sumac	<i>Rhus typhina</i>
Flowering Dogwood	<i>Cornus florida</i>	Black Locust	<i>Robinia pseudoacacia</i>
Hawthorn	<i>Crataegus spp.</i>	Willow	<i>Salix spp.</i>
Persimmon	<i>Diospyros virginiana</i>	Sassafras	<i>Sassafras albidum</i>
American Beech	<i>Fagus grandifolia</i>	American Elm	<i>Ulmus americana</i>
White Ash	<i>Fraxinus americana</i>	Slippery Elm	<i>Ulmus rubra</i>
Honeylocust	<i>Gleditsia triacanthos</i>		

EVERGREENS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Atlantic Whitecedar	<i>Chamaecyparis thyoides</i>	White Spruce	<i>Picea glauca</i>
American Holly	<i>Ilex opaca</i>	Arborvitae	<i>Thuja spp.</i>
Juniper/Cedar	<i>Juniperus spp.</i>	Canadian Hemlock	<i>Tsuga canadensis</i>
Norway Spruce	<i>Picea abies</i>		

SHRUBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Bottlebrush Buckeye	<i>Aesculus parviflora</i>	Bush Clover	<i>Lespedeza spp.</i>
Speckled Alder	<i>Alnus rugose</i>	Honeysuckle	<i>Lonicera spp.</i>
Hercules-club	<i>Aralia spinosa</i>	Mockorange	<i>Philadelphus spp.</i>
Barberry	<i>Berberis spp.</i>	Ninebark	<i>Physocarpus opulifolius</i>
New Jersey Tea	<i>Ceanothus americanus</i>	Exbury Azalea	<i>Rhododendron (hybrid)</i>
Summersweet	<i>Clethra alnifolia</i>	Fragrant Sumac	<i>Rhus aromatica</i>
Silky Dogwood	<i>Cornus amomum</i>	Shining Sumac	<i>Rhus copallina</i>
American Hazelnut	<i>Corylus americana</i>	Smooth Sumac	<i>Rhus glabra</i>
Daphne	<i>Daphne spp.</i>	Wild Rose	<i>Rosa spp.</i>
Burning Bush	<i>Euonymus alatus</i>	Currant	<i>Ribes spp.</i>
Euonymus	<i>Euonymus spp.</i>	Raspberry/Blackberry	<i>Rubus spp.</i>
Forsythia	<i>Forsythia spp.</i>	Elderberry	<i>Sambucus spp.</i>
Rose of Sharon	<i>Hibiscus syriacus</i>	Bladdernut	<i>Staphylea trifolia</i>
Smooth Hydrangea	<i>Hydrangea arborescens</i>	Common Lilac	<i>Syringa vulgaris</i>
St. John's Wort	<i>Hypericum spp.</i>	Viburnum (most)	<i>Viburnum spp.</i>
Japanese Kerria	<i>Kerria japonica</i>	Adam's Needle	<i>Yucca spp.</i>
Beauty Bush	<i>Kolkitzia amabilis</i>	Prickly Ash	<i>Zanthoxylum spp.</i>

PERENNIALS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Maiden Hair Fern	<i>Adiantum pedatum</i>	Wood Fern	<i>Dryopteris spp.</i>
Yarrow	<i>Achillea millefolium</i>	Coneflower	<i>Echinacea spp.</i>
Baneberry	<i>Actea spp.</i>	Barrenwort	<i>Epimedium spp.</i>
Bugleweed	<i>Ajuga spp.</i>	Winter Aconite	<i>Eranthis hyemalis</i>
Hollyhock	<i>Alcea rosea</i>	Dog Tooth Violet	<i>Erythronium spp.</i>
Big Blue Stem	<i>Andropogon gerardii</i>	Joe Pye Weed	<i>Eupatorium spp.</i>
Windflower	<i>Anemone spp.</i>	Blue Fescue	<i>Fescue glauca</i>
Pussy Toes	<i>Antennaria spp.</i>	Sweet Woodruff	<i>Galium odoratum</i>
Jack-in-the-Pulpit	<i>Arisaema triphyllum</i>	Gentian	<i>Gentiana spp.</i>
Goatsbeard	<i>Aruncus dioicus</i>	Cranesbill	<i>Geranium spp.</i>
Wild Ginger	<i>Asarum spp.</i>	Oak Fern	<i>Gymnocarpium spp.</i>
Aster	<i>Aster spp.</i>	Sneezeweed	<i>Helenium spp.</i>
Astilbe	<i>Astilbe spp.</i>	Perennial Sunflower	<i>Helianthus spp.</i>
Lady Fern	<i>Athyrium spp.</i>	Daylily	<i>Hemerocallis spp.</i>
Rattlesnake Fern	<i>Botrychium spp.</i>	Coral Bells	<i>Heuchera spp.</i>
Side Oats Grama	<i>Bouteloua curtipendula</i>	Hosta	<i>Hosta spp.</i>
Bellflower	<i>Campanula spp.</i>	Siberian Iris	<i>Iris sibirica</i>
Sedges	<i>Carex spp.</i>	Yellow Archangel	<i>Lamiaeum spp.</i>
Blue Cohosh	<i>Caulophyllum spp.</i>	Shasta Daisy	<i>Leucanthemum spp.</i>
Northern Sea Oats	<i>Chasmanthium spp.</i>	Lilyturf	<i>Liriope spp.</i>
Turtlehead	<i>Chelone spp.</i>	Lobelia	<i>Lobelia spp.</i>
Chrysanthemum	<i>Chrysanthemum spp.</i>	Ostrich Fern	<i>Matteuccia spp.</i>
Spring Beauty	<i>Claytonia spp.</i>	Peppermint	<i>Mentha piperita</i>
Lily of the Valley	<i>Convallaria majalis</i>	Virginia Bluebells	<i>Mertensia virginica</i>
Fragile Fern	<i>Cystopteris fragilis</i>	Bee Balm	<i>Monarda spp.</i>
Hay Scented Fern	<i>Dennstaedtia spp.</i>	Evening Primrose	<i>Oenothera spp.</i>
Toothwort	<i>Dentaria spp.</i>	Sensitive Fern	<i>Onoclea sensibilis</i>
Dutchman's Breeches	<i>Dicentra cucullaria</i>	Cinnamon Fern	<i>Osmunda cinnamomea</i>
Bleeding Heart	<i>Dicentra spectabilis</i>	Wood Sorrel	<i>Oxalis acetosella</i>
Leopard's Bane	<i>Doronicum spp.</i>	Pachysandra	<i>Pachysandra spp.</i>

Switchgrass	<i>Panicum virgatum</i>	Goldenrod	<i>Solidago spp.</i>
Phlox	<i>Phlox paniculata</i>	Prairie Dropseed	<i>Sporobolus heterolepsis</i>
Obedient Plant	<i>Physostegia spp.</i>	Lamb's Ear	<i>Stachys byzantina</i>
May Apple	<i>Podophyllum peltatum</i>	Meadow Rue	<i>Thalictrum spp.</i>
Jacob's Ladder	<i>Polemonium reptans</i>	Foamy Bells	<i>Tiarella spp.</i>
Solomon's Seal	<i>Polygonatum spp.</i>	Spiderwort	<i>Tradescantia virginiana</i>
Christmas Fern	<i>Polystichum spp.</i>	Toad Lily	<i>Tricyrtis spp.</i>
Primrose	<i>Primula spp.</i>	Trillium	<i>Trillium spp.</i>
Lungwort	<i>Pulmonaria spp.</i>	Globe Flower	<i>Trollius spp.</i>
Buttercup	<i>Ranunculus spp.</i>	Bellwort/Merry Bells	<i>Uvularia grandiflora</i>
Black-Eyed-Susan	<i>Rudbeckia spp.</i>	Iron Weed	<i>Vernonia spp.</i>
Bloodroot	<i>Sanguinaria canadensis</i>	Speedwell	<i>Veronica spp.</i>
Little Blue Stem	<i>Schizachyrium spp.</i>	Vinca	<i>Vinca spp.</i>
Stonecrop	<i>Sedum spp.</i>	Violet	<i>Viola spp.</i>
Blue Eyed Grass	<i>Sisyrinchium spp.</i>		
False Solomon's Seal	<i>Smilacena racemosa</i>		

VINES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Dutchman's Pipe	<i>Aristolochia spp.</i>	Morning Glory	<i>Ipomoea spp.</i>
Trumpet Vine	<i>Campsis radicans</i>	Virginia Creeper	<i>Parthenocissus spp.</i>
Bittersweet	<i>Celastrus spp.</i>	Grape	<i>Vitis spp.</i>
Celmatis	<i>Clematis spp.</i>	Wisteria	<i>Wisteria spp.</i>
Honeysuckle Vine	<i>Lonicera spp.</i>		

ANNUALS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Begonia	<i>Begonia (tuberous/ fibrous)</i>	Pansy	<i>Viola tricolor</i>
Calendula	<i>Calendula officinalis</i>	Violets	<i>Viola spp.</i>
Impatiens	<i>Impatiens walleriana</i>	Zinnias	<i>Zinnia elegans</i>
Morning Glory	<i>Ipomoea spp.</i>		

BULBS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Ornamental Onion	<i>Allium spp.</i>	Daffodil	<i>Narcissus spp.</i>
Glory of the Snow	<i>Chionodoxa spp.</i>	Squill	<i>Scilla spp.</i>
Crocus	<i>Crocus spp.</i>	Tulip	<i>Tulipa spp.</i>
Snow Drops	<i>Galanthus spp.</i>		

VEGETABLES/FRUITS

Beans	Grapes
Beets	Melons
Blackberries	Onions
Carrots	Parsnips
Cherry	Pear
Corn	Plum
Currants	Raspberries
Gooseberries	Squash