



Behmerwald Nursery
4904 Garges Rd.
Schwenksville, PA 19473
(610) 287-0480
www.behmerwald.com

Planting Around Black Walnut Trees

Black walnut trees produce a chemical called *juglone* that inhibits the growth of neighboring plants. It is a means of eliminating competition, referred to as allelopathy. The following list contains plants that show resistance to this chemical:

Perennials:

<i>Ajuga reptans</i>	Bugleweed
<i>Alcea rosea</i>	Hollyhock
<i>Astilbe</i> spp.	False Spirea
<i>Athyrium</i> spp.	Fern
<i>Campanula carpatica</i>	Bellflower
<i>Chelone</i> spp.	Turtlehead
<i>Dendranthemum</i> spp.	Hardy Mum
<i>Dicentra spectabilis</i>	Bleeding Heart
<i>Doronicum</i> spp.	Leopard's Bane
<i>Galium odoratum</i>	Sweet Woodruff
<i>Geranium sanguineum</i>	Cranesbill
<i>Hemerocallis</i> spp.	Common Daylily
<i>Hosta</i> spp.	Plantain Lily
<i>Iris siberica</i>	Siberian Iris
<i>Monarda didyma</i>	Beebalm
<i>Oenothera fruticosa</i>	Sundrops
<i>Osmunda cinnamomea</i>	Cinnamon Fern
<i>Phlox paniculata</i>	Garden Phlox
<i>Polemonium reptans</i>	Jacob's Ladder
<i>Polygonatum</i> spp.	Solomon's Seal
<i>Pulmonaria</i> spp.	Lungwort
<i>Sedum spectabile</i>	Stoncrop
<i>Stachys byzantina</i>	Lamb's Ear
<i>Tradescantia vir.</i>	Spiderwort
<i>Vinca minor</i>	Periwinkle

Trees & Shrubs:

<i>Acer palmatum</i>	Japanese Maple
<i>Acer saccharum</i>	Sugar Maple
<i>Betula nigra</i> 'Heritage'	Riverbirch
<i>Cercis canadensis</i>	Redbud
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Halesia carolina</i>	Carolina Silverbell
<i>Hibiscus syriacus</i>	Rose of Sharon
<i>Ilex opaca</i>	American Holly
<i>Kerria japonica</i>	Kerria
<i>Liquidambar styr.</i>	Sweetgum
<i>Philadelphus cor.</i>	Mock Orange
<i>Prunus cistena</i>	Purpleleaf Plum
<i>Pyrus calleryana</i>	Ornamental Pear
<i>Quercus rubra</i>	Northern Red Oak
<i>Viburnum carlesii</i>	Koreanspice Viburnum

Susceptible Plants

Apple, Azalea, Baptisia, Columbine, Egg Plant, Green Pepper, Hydrangea, Mountain Laurel, Peony, Petunia, Potato, Tomato, White Pine, Yew

Sources

This list has been compiled from experience and information from the Pennsylvania, Wisconsin, Minnesota, West Virginia, and Ohio extensions.