



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 tolerance of this chemical:

Perennials:

Ajuga reptans (Bugleweed)
Astilbe spp. (False Spirea)
Athyrium spp. (Fern)
Campanula carpatica (Bellflower)
Chelone spp. (Turtlehead)
Dendranthemum spp. (Hardy Mum)
Dicentra spectabilis (Bleeding Heart)
Galium odoratum (Sweet Woodruff)
Geranium sanguineum (Cranesbill)
Hemerocallis spp. (Daylily)
Hosta spp. (Plantain Lily, Hosta)
Iris siberica (Siberian Iris)
Monarda didyma (Beebalm)
Oenothera fruticosa (Sundrops)
Osmunda cinnamomea (Cinnamon Fern)
Phlox paniculata (Garden Phlox)
Polemonium reptans (Jacob's Ladder)
Polygonatum spp. (Solomon's Seal)
Pulmonaria spp. (Lungwort)
Sedum spectabile (Stonecrop)
Stachys byzantina (Lamb's Ear)
Tradescantia virginiana (Spiderwort)
Vinca minor (Periwinkle)

Trees and Shrubs:

Acer palmatum (Japanese Maple)
Acer saccharum (Sugar Maple)
Betula nigra 'Heritage' (Riverbirch)
Cercis canadensis (Eastern Redbud)
Gleditsia triacanthos (Honey Locust)
Hibiscus syriacus (Rose of Sharon)
Ilex opaca (American Holly)
Kerria japonica (Kerria)
Liquidambar styraciflua (Sweetgum)
Philadelphus coronarius (Mock Orange)
Prunus cistena (Purpleleaf Plum)
Pyrus calleryana (Ornamental Pear)
Quercus rubra (Northern Red Oak)
Viburnum carlesii (Koreanspice Viburnum)

Susceptible Plants

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