

## Plants for under a Black Walnut

Planting near a black walnut tree (*Juglans nigra*) requires special precautions. The root bark of the tree gives off a toxin which, when contacted by roots of other plants, may be extremely harmful. Further, soil under a black walnut tends to be quite alkaline in comparison to soil not within the tree's root spread. The following list identifies trees, shrubs and perennials which research teams observed growing within the root spread of black walnuts. While Kentucky Bluegrass and Black Raspberry literally thrive under the trees, the same may not be true for all plants listed. Do not plant materials not contained on these lists; take care to plant away from the lateral roots of the trees.

### Trees

*Acer rubrum* Red Maple

*Amelanchier canadensis* Serviceberry

*Cercis canadensis* Eastern Redbud

*Crataegus* spp. Hawthorn

*Fraxinus americana* White Ash

*Hamamelis virginiana* Witchhazel

*Liquidambar styraciflua* American Sweetgum

*Liriodendron tulipifera* Tuliptree

*Picea abies* Norway Spruce

*Platanus occidentalis* Sycamore

*Quercus coccinea* Scarlet Oak

*Tilia americana* Basswood

*Viburnum prunifolium* Blackhaw *Viburnum*

*Acer saccharum* Sugar Maple

*Betula nigra* River Birch

*Cornus florida* Flowering Dogwood

*Fagus grandifolia* American Beech

*Gleditsia triacanthos* var. *Inermis* Honeylocust

*Halesia carolina* Carolina Silverbell

*Ilex opaca* American Holly

*Nyssa sylvatica* Black Gum

*Pinus strobus* White Pine

*Quercus rubra* Red Oak

*Thuja occidentalis* Arborvitae

*Tsuga canadensis* Canadian Hemlock

### Shrubs

*Celastrus scandens* American Bittersweet

*Chionanthus virginicus* White Fringetree

*Clematis virginiana* Virginsbower

*Cornus alternifolia* Pagoda Dogwood

*Hypericum prolificum* Shrubby St. Johnswort

*Physocarpus opulifolius* Ninebark

*Viburnum dentatum* Arrowwood *Viburnum*

*Rubus* spp. Blackberry

### Perennials

*Achillea millefolium* Common Yarrow

*Antennaria* spp. Pussy's Toes

*Arisaema triphyllum* Jack-in-the-Pulpit

*Asplenium platyneuron* Ebony Spleenwort

*Athyrium thelypteroides* Silvery Spleenwort

*Cassia marilandica* Wild Senna

*Dennstaedtia punctilobula* Hay-scented Fern

*Dryopteris marginalis* Marginal Shield Fern

*Erigeron* spp. Philadelphia Fleabane

*Eupatorium coelestinum* Mist-flower

*Eupatorium purpureum* Joe-Pye Weed

*Galium* spp. Sweet Woodruff

*Anemone* spp. Thimbleweed

*Aster* spp. Aster



Waterloo Gardens

...Naturally!