



SPRING GROVE NURSERY, INC.

Tree Diversity Planting Guidelines

Shade Tree Alternatives to Ash

At Spring Grove Nursery, we are committed to the health of urban forests in our local communities. Planting a diverse selection of trees can reduce the threat of pests & diseases that target specific tree species, such as the Emerald Ash Borer beetle which kills Ash trees. We have comprised a list of tree species well suited as replacements to Ash trees affected by the Emerald Ash Borer. Please note that it is important when replacing trees in your community to use no more than 10-15% of the same species in your replanting project. Also, check to see what tree species are currently growing in the area so that new species can be added.

We also recommend planting the right tree for the right spot, taking into consideration the soil conditions of the planting area as well as the tree features needed for your planting site. If new tree planting projects use a diverse palette of trees, the landscape will thrive & flourish for many years to come.

Spring Grove Nursery's Recommended Tree Diversity Species – Shade Tree Alternatives to Ash

ACER / MAPLE

<i>A. x freemanii</i>	Autumn Blaze & Marmo
<i>A. miyabei 'Morton'</i>	State Street Maple
<i>A. platanoides</i>	Norway Maples (Deborah, Emerald Lustre, & Royal Red)
<i>A. rubrum</i>	Red Maples (Burgundy Belle, Red Sunset, Redpointe, October Glory, & Sun Valley)
<i>A. saccharum</i>	Sugar Maples (Green Mountain, Legacy, Majesty, & Wright Brothers)
<i>A. truncatum x platanoides</i>	Pacific Sunset & Crimson Sunset

AESCULUS / BUCKEYE & HORSECHESTNUT

<i>A. flava (octandra)</i>	Yellow Buckeye
<i>A. carnea 'Fort McNair'</i>	Ft McNair Horsechestnut

BETULA / BIRCH

<i>B. populifolia</i>	Whitespire Birch
<i>B. nigra</i>	River Birch

CARPINUS / HORNBEAM

<i>C. betulus 'Fastigiata'</i>	Pyramidal European
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CATALPA

<i>C. x erubescens 'Purpurea'</i>	Purple Catalpa
<i>C. speciosa</i>	Northern Catalpa

CELTIS / HACKBERRY

<i>C. occidentalis</i>	Common Hackberry
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GINKGO

<i>G. biloba 'Autumn Gold'</i>	Autumn Gold Ginkgo
<i>G. biloba 'Windover Gold'</i>	Windover Gold
<i>G. biloba 'Princeton Sentry'</i>	Princeton Sentry

GLEDITSIA / HONEYLOCUST

<i>G. triacanthos 'Skycole'</i>	Skyline Honeylocust
<i>G. triacanthos 'Street Keeper'</i>	Street Keeper

GYMNOCLADUS / KENTUCKY COFFEE TREE

<i>G. dioicus</i>	Kentucky Coffeetree
<i>G. dioicus 'Espresso'</i>	Espresso Coffeetree

LIRIODENDRON / TULIPTREE

<i>L. tulipifera</i>	Tulip Tree
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LIQUIDAMBAR / SWEETGUM

<i>L. styraciflua 'Moraine'</i>	Moraine Sweetgum
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METASEQUOIA / DAWN REDWOOD

M. glyptostroboides Dawn Redwood

OSTRYA / HOPHORNBEAM

O. virginiana Am. Hophornbeam

PLATANUS / LONDON PLANETREE

P. x acerifolia 'Bloodgood' Bloodgood London
P x acerifolia 'Morton Circle' Exclamation London

POPULUS / ASPEN

P. tremuloides Quaking Aspen

QUERCUS / OAK

Q. alba White Oak
Q. bicolor Swamp White Oak
Q. imbricaria Shingle Oak
Q. macrocarpa Bur Oak
Q. muehlenbergii Chinkapin Oak
Q. robur x Q. alba
'Crimschmidt' Crimson Spire Oak

QUERCUS / OAK (Continued)

Q. robur x Q. bicolor 'Long' Regal Prince Oak
Q. rubra Red Oak

TAXODIUM / BALDCYPRESS

T. distichum Bald Cypress

TILIA / LINDEN

T. americana 'Redmond' Redmond American
T. cordata 'Greenspire' Greenspire Littleleaf
T. tomentosa 'Green Mountain' Green Mountain Silver

ULMUS / ELM

U. japonica x wilsoniana 'Morton' Accolade Elm
U. japonica x pumila 'New Horizon' New Horizon Elm
U. propinqua 'JFS-Bieberich' Emerald Sunshine Elm
U. 'Frontier' Frontier Elm
U. 'Homestead' Homestead Elm
U. 'Morton Glossy' Triumph Elm

Tree Diversity Resources

We compiled some useful links to help make decisions in managing & selecting your trees in the landscape. Please feel free to contact us for help selecting the right trees for your community.

Spring Grove Nursery Tree Resource Page – Our web page with useful links

www.SpringGroveNursery.com/sources/

IL Dept of Ag EAB Website – This site has great info regarding Emerald Ash Borer

www.illinoiseab.com

Recent American Nurseryman Article "Ash Alternatives" – Terrific article recently published by Jeff Iles from Iowa State. We are growing several of the trees he included in his recommended list.

www.amerinursery.com/content/pdf/alternativestoash.pdf

National Elm Trial – This collaborative project is evaluating several disease resistant Elm varieties.

www.treehealth.agsci.colostate.edu/research/nationalelmtrial/NationalElmTrial.htm

Society of Municipal Arborists White Paper on EAB – They recently put together a useful document for communities to reference as they prepare a EAB Management plan for their community

www.urban-forestry.com

Please contact us anytime with questions. We welcome the opportunity to grow a diverse & healthy tree canopy in your community!