

Grafted Trees Don't Perform Consistently

All named varieties of Ginkgo are grafted



Grafted Ginkgos



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Ginkgos and Oaks were planted

- 14 years ago
- Same size at planting
 - Same conditions

Grafted Ginkgo do not maximize biomass



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All named varieties of European Hornbeam are grafted

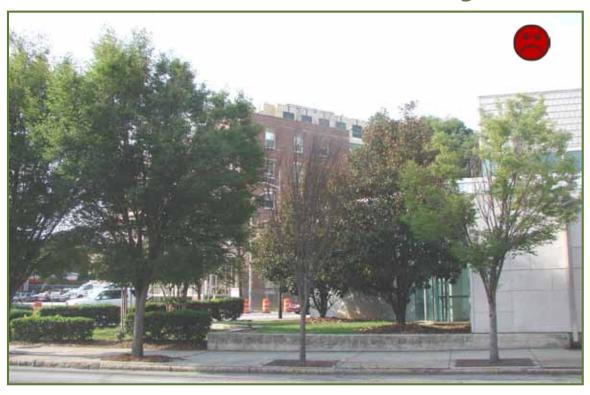




Same Tree. Same Age. Same Nursery. Different Performance



Grafted Trees Don't Perform Consistently All named varieties of Zelkova are grafted



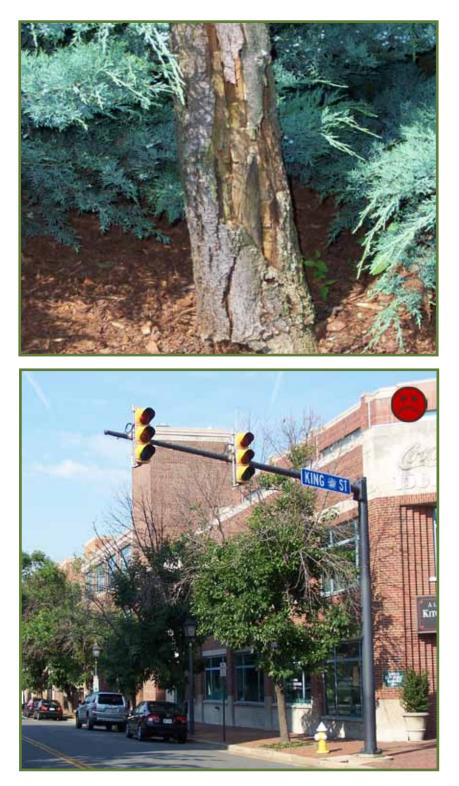


Inconsistent Roots = Inconsistent Performance



Grafted Trees

Grafted Trees Don't Perform Consistently All named varieties of Ash are grafted



Inconsistent Roots = Inconsistent Performance

Grafted Trees





Commonly Grafted Trees

Grafted trees are less predicatble than own-root clones. Grafted trees, grown inconsistently because of seedling root systems, may lead to graft incompatibility which may lead to tree failure.

TREE

GRAFTED CULTIVAR

Japanese Zelkova
Ginkgo
White Ash / Green Ash
London Planetree
Honeylocust
Sugar Maple
Linden
English Oak (some hybrids)
European Hornbeam
American Sweetgum
Tulip Poplar / Tulip Tree
Bald Cypress
Blackgum, Tupelo
Japanese Pagodatree

Green Vase, Village Green Princeton Sentry®, Shangri-La®, Autumn Gold Urbanite®, Summit, Patmore, Autumn Purple®, Georgia Gem Bloodgood, Yarwood, Columbia Shademaster, Moraine, Skyline, Sunburst Legacy, Green Mountain®, Steeple™ Greenspire, Redmond, Legend®, Chancellor Rosehill™, Regal Prince™, Skyrocket™ Fastigiata, Franz Fontaine Rotundiloba, Slender Silhouette Arnold, Ardis Shawnee Brave™ Wildfire, Forum Regent



Buyer Beware - "When purchasing a budded or grafted cultivar, only the part of the tree above ground is a genetically controlled product. The roots of the tree may be from a different species. Become familiar enough with the plants to be able to identify them and to know the ramifications of mistakes the nursery could make." - Jim Urban, FASLA, <u>Up By Roots</u>