



Grafted Trees Don't Perform Consistently

All named varieties of Ginkgo are grafted



Grafted Ginkgos



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All named varieties of Ginkgo are grafted



Ginkgos and Oaks were planted

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

Grafted Ginkgo do not maximize biomass



Grafted Trees Don't Perform Consistently

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 Don't Perform Consistently

All named varieties of Ash are grafted



Inconsistent Roots = Inconsistent Performance



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

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

GRAFTED CULTIVAR

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, [Up By Roots](#)