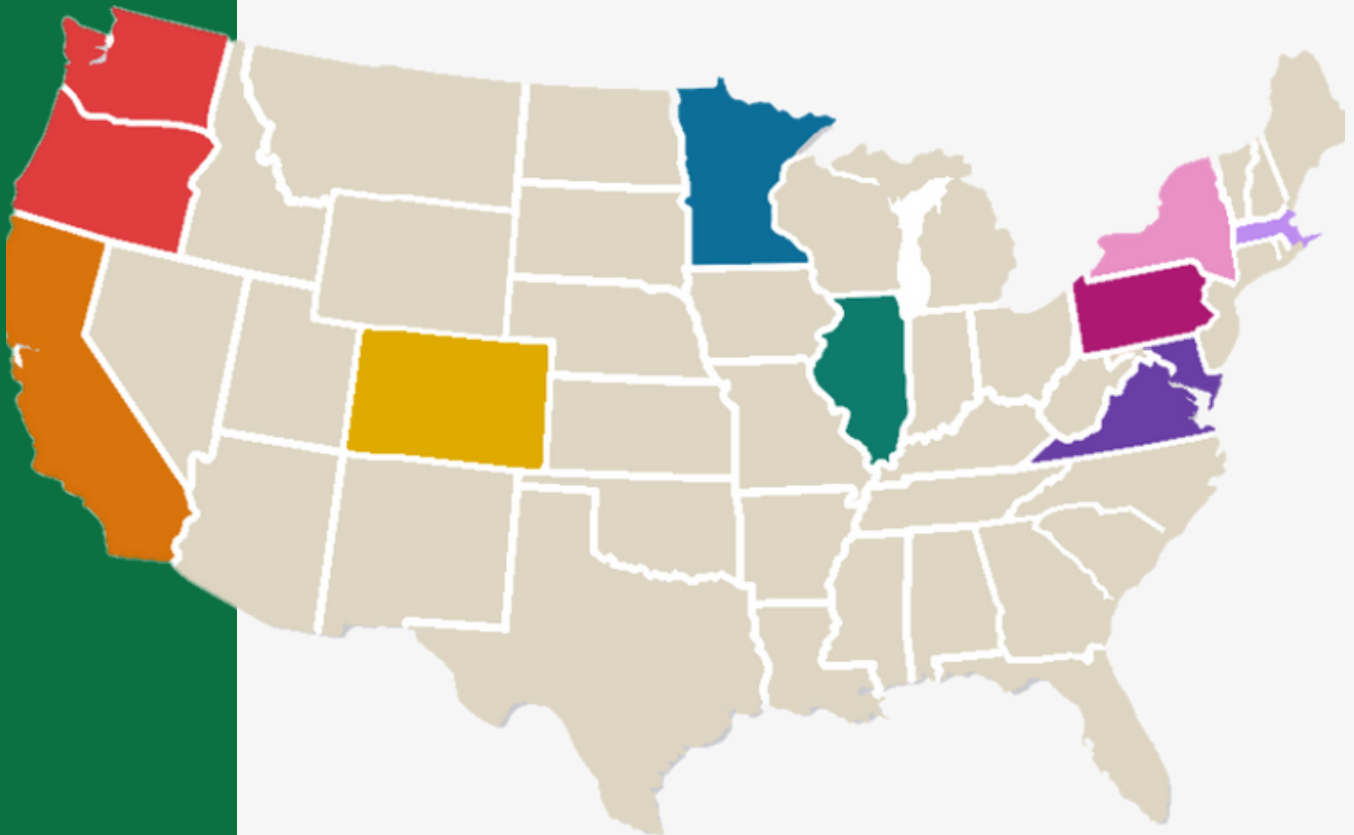


SEPTEMBER 2022

CLIMATE FACING TREES FOR U.S. METROPOLITAN AREAS



COMPILED BY

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PROJECT OVERVIEW

These trees were selected based on their appropriateness for future climates by cross referencing the temperature and moisture requirements of the tree with worst case scenario climate change projections for a particular metropolitan area.

All trees on the list are suitable for planting there now and will continue to thrive as the climate changes. The lists are not meant to imply that the selected trees would be appropriate only for the metropolitan area indicated. Many of these trees are appropriate for any number of metropolitan areas. There are also many suitable trees that are not listed.

Please contact your local urban forester or arborist for recommendations for your specific location.

CLIMATE CHANGE: Causes, Consequences & Solutions

Climate change presents opportunities and threats to Davey operations and our industry, so understanding the impacts of these changes is critical. The Davey Institute is leading the way by providing research-based educational resources to our employees, our customers, the green industry, and the general public.

Visit [Davey.com/Climate](https://davey.com/Climate) to find regionally-based climate change fact sheets, an interactive future hardiness zone map, and climate change blogs and interviews to learn about how climate change will impact your landscape and planting decisions, or your career in the arboriculture industry.

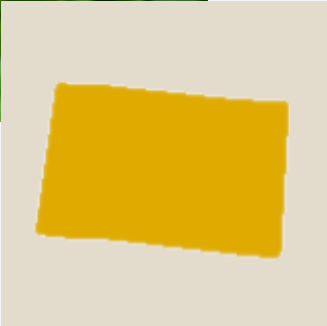




Quercus bicolor | Swamp White Oak

CHICAGO, IL

SCIENTIFIC NAME	COMMON NAME
<i>Celtis occidentalis</i> 'Chicagoland'	Chicagoland Hackberry
<i>Taxodium distichum</i>	Bald Cypress
<i>Cladrastis kentuckea</i>	American Yellowwood
<i>Quercus bicolor</i>	Swamp White Oak
<i>Ulmus japonica</i> x <i>wilsoniana</i> 'Morton'	Accolade Elm



DENVER, CO

SCIENTIFIC NAME	COMMON NAME
Acer campestre	Hedge Maple
Celtis laevigata x Celtis occidentalis 'Magnifica'	Magnifica Hackberry
Gymnocladus dioicus 'Stately Manor'	Stately Manor Kentucky Coffeetree
Quercus marcocarpa 'Bullet Proof'	Bullet Proof Bur Oak
Ulmus japonica x wilsoniana 'Morton'	Accolade Elm



Melaleuca quinquenervia | Paper Bark Tea Tree

SAN FRANCISCO, CA

SCIENTIFIC NAME	COMMON NAME
<i>Arbutus x 'Marina'</i>	Marina Strawberry Tree
<i>Laurus nobilis</i>	Sweet Bay
<i>Melaleuca quinquenervia</i>	Paper Bark Tea Tree
<i>Olea europaea</i> 'Swan Hill'	Swan Hill Olive
<i>Quercus agrifolia</i>	California Live Oak



MINNEAPOLIS, MN

SCIENTIFIC NAME	COMMON NAME
<i>Carya ovata</i>	Shagbark Hickory
<i>Celtis occidentalis</i>	Common Hackberry
<i>Carpinus caroliniana</i>	American Hornbeam
<i>Quercus velutina</i>	Black Oak
<i>Tilia americana</i>	American Linden



Quercus garryana | Oregon White Oak



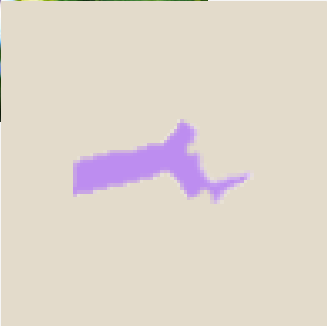
PACIFIC NORTHWEST

(SEATTLE, PORTLAND)

SCIENTIFIC NAME	COMMON NAME
<i>Amelanchier laevis</i>	Alleghany Serviceberry
<i>Arbutus unedo</i>	Strawberry Tree
<i>Oxydendron arboreum</i>	Sourwood
<i>Quercus garryana</i>	Oregon White Oak
<i>Taxodium distichum</i>	Bald Cypress



Ostrya virginiana | Ironwood



BOSTON, MA

SCIENTIFIC NAME	COMMON NAME
<i>Amelanchier laevis</i>	Alleghany Serviceberry
<i>Betula nigra</i>	River Birch
<i>Carpinus caroliniana</i>	American Hornbeam
<i>Ostrya virginiana</i>	Ironwood
<i>Quercus rubra</i>	Red Oak



Quercus phellos | Willow Oak



PHILADELPHIA, PA

SCIENTIFIC NAME	COMMON NAME
Cladrastis kentuckea	American Yellowwood
Liquidambar styraciflua 'Rotundiloba'	Roundleaf Sweetgum
Nyssa sylvatica	Black Gum
Quercus phellos	Willow Oak
Taxodium distichum	Bald Cypress



NEW YORK, NY

SCIENTIFIC NAME	COMMON NAME
Aesculus pavia	Red Buckeye
Ginkgo biloba	Ginkgo
Quercus alba	White Oak
Cercis canadensis	Eastern Redbud
Ulmus parvifolia	Lacebark Elm



WASHINGTON, D.C.

SCIENTIFIC NAME	COMMON NAME
<i>Cercis canadensis</i>	Eastern Redbud
<i>Ilex opaca</i>	American Holly
<i>Lagerstroemia indica</i>	Crapemyrtle
<i>Magnolia grandiflora</i>	Southern Magnolia
<i>Quercus nigra</i>	Water Oak

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