



Harvest Day 2022

UC Master Gardeners of Sacramento County

Selecting Trees for the Home Landscape in a Changing Climate

Trees provide several valuable benefits, including helping to mitigate climate change - e.g., shading, cooling, CO₂ storage. Planting a tree is an investment in your future: Choose wisely.

Factors to consider when adding a tree to your landscape:

Purpose: shade, flowers, fruit, fall color, winter interest (showy bark), focal point, screen, attract wildlife

Space: availability and limitations due to overhead powerlines and permanent structures such as fences, pools, decks, sidewalks and driveways, other trees

Size: height and spread at maturity: small 25' tall or less; medium 26'-35'; medium-large 36-50'; large greater than 50'

Climate: heat and cold (frost), humidity, wind, rainfall - influence of microclimate; a tree thriving in an area often dependent on specific climate requirements (natives vs. exotics, invasive species)

Soil: type, depth, drainage

Future tree care needs: pruning, insect and disease management; tree litter (leaves, seed, fruit, root suckers); watering

Water Needs: of an established tree during summer months - very low, low, moderate, high – Current and future droughts make this an important selection factor.

Landscape water conservation must become a way of life in California.

Resources on tree selection, planting and care:

Available from the UC Master Gardeners of Sacramento County <https://sacmg.ucanr.edu/>

Sacramento Area Landscape Trees; EHN 1

The Use of CA Native Plant Material as a Means of Conserving Water in the Landscape, EHN 6

Water Efficient Plants, EHN 60

Plus more!

UCANR Landscape Lush - News, views and cues on landscape in California - *Key to Lush Trees: A Good Drink* - Tending Your Trees, Part 2 <https://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=27169>

Planting Landscape Trees, UCANR Pub. 8046, <https://anrcatalog.ucanr.edu/pdf/8046.pdf>

UC The California Garden Web website Landscape Trees, Shrubs & Perennial Vines

https://ucanr.edu/sites/gardenweb/Landscape_Trees/?uid=30&ds=411

Has links to tree information and lists including Cal Poly's *SelectTree: A Tree Selection Guide*

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Regional Water Authority *Water-Wise Gardening in the Gold Country Region* water conservation in the home landscape website has lists and colorful photos of many water-efficient plants, including several trees - <https://www.rwa.watersavingplants.com/>

Lists of landscape trees for the Sacramento Area available on-line from:

Sacramento Tree Foundation - *Shady 80-Recommended trees for a cooler Sacramento region*
<https://sactree.org/best-trees-for-sacramento/>

The City of Sacramento *Street Tree List* - <https://www.cityofsacramento.org/Public-Works/Maintenance-Services/Trees/Street-Tree-List>

Sacramento County Planning *Landscape Tree List*
<https://planning.saccounty.net/Programs/Documents/Tree%20Coordinator/landscape%20tree%20list%202009.pdf>

Arboretum All-Stars – color photos and descriptions of 100 plants, including trees, that have performed well in the UC Davis Arboretum
<https://arboretum.ucdavis.edu/arboretum-all-stars>

UC Center for Urban Horticulture <https://ccuh.ucdavis.edu/uc-field-trials>
UC Landscape Plant Irrigation Trials results and lists of plants – No trees, but many shrubs and groundcovers tested for their tolerance to less water. A description from the website says, “After being grown for a full year on a regular watering regime to establish deep, healthy roots, plants are irrigated through the second growing season with one of three different irrigation frequencies that correspond to the **Water Use Classification of Landscape Species** (WUCOLS IV) categories of Low, Moderate, and High.”

UC Master Gardeners of Sacramento County

website: <http://ucanr.edu/sacmg>

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Facebook.com/sacmg

YouTube Channel: https://www.youtube.com/channel/UCIm9vPOH_UWg0Lwlp5vVNQ/videos