

Official Albuquerque Plant Palette and Sizing List

Shrub List

The Albuquerque Bernalillo County Water Utility Authority Xeriscape Plant List shall be used in the selection of plant species to meet landscaping required by the Integrated Development Ordinance Section 14-16-5-6, Landscaping, Buffering, and Screening. This list can be accessed at:

<http://www.abcwua.org/uploads/FileLinks/a8e07524f1f94c678df0ab513d359c90/xeriplantlist.pdf>

Tree List

The Tree List was developed by the Planning Director with input from representatives of the ABCWUA, the local chapter of the American Society of Landscape Architects, local landscape maintenance firms, and local nurseries.

* Indicates species regulated by the Pollen Control Ordinance Section 9-12-5.

Tree Ratings Legend

Generally Recommended	Has not displayed serious vitality issues.
Conditionally Recommended	Has displayed serious vitality issues, however some factors can be mitigated through proper horticultural care.
Potential/ Unproven	Has the potential to do well here, but there is little experience growing and maintaining a significant population in our area. Will eventually be moved to one of the other categories based on collective experience.
Not Recommended	Has displayed overwhelming vitality issues or can be expected to do poorly under normal circumstances.

Scientific Name	Common Name	Rating	Water Use	Approx Mature Size (H x W)	Deciduous or Evergreen	Light Exposure	Comments / Suitability
Abies concolor	White Fir	Not Recommended	High	50' X 20'	Evergreen	Sun	Marginal; only feasible in parks and similar cool large spaces; prefers elevations over 6500 feet. ABQ too hot. Very high water requirement.
Acacia greggii	Catclaw Acacia	Potential/ Unproven	Low	20 X 10	Deciduous	Sun	Drought tolerant small tree to large shrub. Potential problem with very low temperatures.
Acer freemanii varieties	Autumn Blaze', 'Sienna Glen', 'Autumn Fantasy', 'Celebration'	Not Recommended	Medium	40 X 30	Deciduous	Sun	Eventual bad chlorosis.
Acer negundo 'Sensation'	Sensation Box Elder	Generally Recommended	Medium	40' X 30'	Deciduous	Sun	Street tree, storm water catchments, parks.

Scientific Name	Common Name	Rating	Water Use	Approx Mature Size (H x W)	Deciduous or Evergreen	Light Exposure	Comments / Suitability
Acer palmatum	Japanese Maple	Conditionally Recommended	High	20' X 20'	Deciduous	Shade	Specialty tree only for pots in courtyards and on porches, but not for Sun. Very limited to cooler wetter places with no direct sun.
Acer saccharum	Bigtooth Maple	Conditionally Recommended	Medium	25' X 25'	Deciduous	Sun	Use the NMSU selection which is more heat and drought tolerant; sensitive to auto pollution; best in shade and over 6000 feet (Baker Morrow book); accent plant where roots can be shaded; appropriate for overhead utilities.
Acer tartaricum	Tatarian Maple	Generally Recommended	Medium	20 x 20	Deciduous	Sun	Ornamental tree for cooler moister sites. Good substitute for Ginnala Maple. Appropriate for overhead utilities. Good performer.
Acer tataricum subsp. Ginnala	Amur Maple	Not Recommended	Medium to High	20' X 20'	Deciduous	Sun	Extreme chlorosis. Rare and high water use.
Acer truncatum	Shantung Maple	Conditionally Recommended	Medium to High	25' X 25'	Deciduous	Sun	Ornamental tree for cooler moister sites. Appropriate for overhead utilities.
Albizia julibrissin Rosea	Mimosa	Conditionally Recommended	Medium	20' X 20'	Deciduous	Sun	Ornamental tree, storm water catchments. Lots of litter. Wrong shape for street tree--branches broken by solid waste and delivery trucks. Messy for commercial applications.
Calocedrus decurrens	Incense cedar	Potential/ Unproven	Medium	100 X 15	Evergreen	Sun	Few local examples. Rarely available
Carya illinoensis	Pecan	Not Recommended	High	40' X 40'	Deciduous	Sun	High water user - needs large amounts of water to thrive. Nut nuisance for commercial applications. storm water catchments or other large wet places.
Catalpa speciosa	Catalpa	Conditionally Recommended	Medium	40' X 40'	Deciduous	Sun	Needs care to look good. Leaf margin burn can get extremely bad.
Cedrus atlantica	Atlas Cedar	Generally Recommended	Medium to High	75' X 50'	Evergreen	Sun	Large public spaces.
Cedrus deodara	Deodar Cedar	Generally Recommended	Medium to High	80' X 60'	Evergreen	Sun	Large public spaces.
Celtis occidentalis	Common Hackberry	Generally Recommended	Medium	40' X 40'	Deciduous	Sun	Street tree, storm water catchments, wildlife habitat, parks.
Celtis reticulata	Netleaf / Canyon Hackberry	Generally Recommended	Low to Medium	25' X 25'	Deciduous	Sun	Street tree, storm water catchments, wildlife habitat, parks. Much more heat and drought tolerant than common hackberry. Appropriate for overhead utilities.
Cercis canadensis var mexicana	Mexican Redbud	Conditionally Recommended	Medium	15' X 12'	Deciduous	Sun/Shade	Much better adapted than eastern redbud. Ornamental accent. Appropriate for overhead utilities.

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<i>Cercis occidentalis</i>	Western Redbud	Conditionally Recommended	Medium	10' X 12'	Deciduous	Sun/Shade	Ornamental accent. Appropriate for overhead utilities.
<i>Cercis reniformis</i>	Oklahoma Redbud	Generally Recommended	Medium	15' X 12'	Deciduous	Sun/Shade	Ornamental accent. Much better adapted than Eastern Redbud. Appropriate for overhead utilities.
<i>Chilopsis linearis</i>	Desert Willow	Generally Recommended	Low to Medium	20' X 25'	Deciduous	Sun	Ornamental accent, storm water catchments; medians. Appropriate for overhead utilities. Can be used as parking lot tree. Good tolerance to adverse conditions.
<i>Chilopsis linearis</i> X <i>Catalpa bignonioides</i>	Chitalpa	Not Recommended	Medium	20' X 20'	Deciduous	Sun	Almost all exhibit severe leaf necrosis by midsummer. Tested positive for disease & may fail.
<i>Cotinus coggygria</i>	Smoketree	Generally Recommended	Medium	15' X 15'	Deciduous	Sun	Ornamental tree, screening; medians. Appropriate for overhead utilities.
<i>Craetaegus laevigata</i>	English Hawthorn	Conditionally Recommended	Medium to High	20' X 20'	Deciduous	Sun/Shade	Ornamental tree, storm water basins, accent specimen, where harvesting rainwater. Best in cooler wetter places. Appropriate for overhead utilities.
<i>Craetaegus</i>	Washington Hawthorn	Generally Recommended	Medium to High	20' X 20'	Deciduous	Sun/Shade	Ornamental tree, storm water basins, accent specimen, where harvesting rainwater. Best in cooler wetter places. Appropriate for overhead utilities.
<i>Craetaegus</i> X <i>lavallei</i>	Carriere Hawthorn	Conditionally Recommended	Medium to High	25' X 25'	Deciduous	Sun	Ornamental tree, storm water basins, accent specimen; where harvesting rainwater. Best in cooler wetter places. Appropriate for overhead utilities.
<i>Craetaegus monogyna</i>	Common Hawthorn	Conditionally Recommended	Medium to High	20' X 20'	Deciduous	Sun	Ornamental tree, storm water basins, accent specimen, where harvesting rainwater. Best in cooler wetter places. Appropriate for overhead utilities.
<i>Craetaegus ambigua</i>	Russian Hawthorn	Generally Recommended	Medium	20' X 20'	Deciduous	Sun/Shade	Ornamental tree, storm water basins, accent specimen, where harvesting rainwater. Best in cooler wetter places. Appropriate for overhead utilities.
* <i>Cupressus</i> species	Cypress species	Prohibited					Prohibited by COA Zoning Code 9-12-5.
<i>Eucommia ulmoides</i>	Hardy Rubber Tree	Potential/ Unproven	Medium	45' x 45'	Deciduous	Sun	Street tree and shade tree.
<i>Ficus carica</i>	Edible Fig	Conditionally Recommended	Medium	12' X 15'	Deciduous	Sun	Warm microclimates restaurants and residential. Appropriate for overhead utilities.
<i>Forestiera neomexicana</i>	New Mexico Olive	Generally Recommended	Medium	15' X 15'	Deciduous	Sun/Shade	Ornamental tree, storm water basins, and screening. Appropriate for overhead utilities.

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*Fraxinus americana	American Ash	Conditionally Recommended	High	50 X 50	Deciduous	Sun	Existing population of eastern/American ash have been dying out due to heat and drought. Can only be sold if labeled as high allergen potential.
*Fraxinus angustifolia oxycarpa	Claret or Raywood Ash	Conditionally Recommended	Medium to High	35' X 25'	Deciduous	Sun	Shade tree, street tree, and storm water basins. More heat and insect resistant than other large ash. Can only be sold if labeled as high allergen potential.
*Fraxinus cuspidata	Fragrant Ash	Conditionally Recommended	Medium	20' X 20'	Deciduous	Sun	storm water basins, ornamental trees, screening, and habitat. Can only be sold if labeled as high allergen potential.
*Fraxinus pennsylvanica	Red Ash	Conditionally Recommended	High	50 X 50	Deciduous	Sun	Existing population of eastern/American ash have been dying out due to heat and drought. Shade tree, street tree, and storm water basins. Can only be sold if labeled as high allergen potential.
*Fraxinus pennsylvanica lanceolata	Green Ash	Conditionally Recommended	High	50 X 50	Deciduous	Sun	Existing population of eastern/American ash have been dying out due to in heat and drought. Shade tree, street tree, and storm water basins. Can only be sold if labeled as high allergen potential.
*Fraxinus pennsylvanica X velutina	Fan West Ash	Conditionally Recommended	High	40' X 30'	Deciduous	Sun	Only where ample water is available, borer prone, shade tree, street tree, and storm water basins. Can only be sold if labeled as high allergen potential.
*Fraxinus texana	Texas Ash	Conditionally Recommended	High	25' X 25'	Deciduous	Sun	Only where ample water is available, borer prone, shade tree, street tree, and storm water basins. Can only be sold if labeled as high allergen potential.
*Fraxinus velutina	Arizona and Modesto Ash	Conditionally Recommended	High	40' X 35'	Deciduous	Sun	Only where ample water is available, borer prone, shade tree, street tree, and storm water basins. Can only be sold if labeled as high allergen potential.
Fruit trees	Fruit trees (Apple, Peach Pear, Quince)	Conditionally Recommended	Medium to High	25' X 25'	Deciduous	Sun	Not for commercial applications. Messy. Only where ample water is available. Some are borer prone.
Gingko biloba	Gingko	Generally Recommended	Medium to High	40 X 40	Deciduous	Sun	Very slow growing.
Gleditsia triacanthos inermis	Thornless Honey Locust	Generally Recommended	Medium to High	50' X 45'	Deciduous	Sun	Only where ample water and rooting space is available. Shade tree and street tree. storm water basins.
Gymnocladus dioica	Kentucky Coffee Tree	Generally Recommended	Medium	40' X 30'	Deciduous	Sun	Shade tree and street tree. storm water basins.
Ilex vomitoria	Yaupon Holly	Potential/ Unproven	Medium	15' X 15'	Evergreen	Sun/Shade	General use for screening and specimen in warm microclimates. Appropriate for overhead utilities.
Juglans major	Arizona Walnut	Conditionally Recommended	High	50' X 50'	Deciduous	Sun	Only where ample water is available, storm water basins, habitat.

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Juglans microcarpa	Little Walnut	Conditionally Recommended	High	30' X 30'	Deciduous	Sun	Only where ample water is available, storm water basins, habitat.
Juglans nigra	Black Walnut	Conditionally Recommended	High	80' X 50'	Deciduous	Sun	Only where ample water is available, storm water basins, habitat.
Juglans regia	English Walnut	Conditionally Recommended	Medium to High	60' X 60'	Deciduous	Sun	Limited to cooler places with ample water where nuts are desired. Residential small shade and food trees. Commercial use in restaurant landscapes.
Juglans regia 'Carpathian'	Carpathian Walnut	Conditionally Recommended	Medium	20' X 20'	Deciduous	Sun	Limited to cooler places with ample water where nuts are desired. Residential small shade and food trees. Commercial use in restaurant landscapes. Appropriate for overhead utilities.
*Juniperus chinensis, Females only	Juniper Trees, Females Only	Generally Recommended	Low to Medium	25' X 20'	Evergreen	Sun	Screening tree where space allows. Appropriate for overhead utilities. Females only.
*Juniperus deppeana, Females only	Alligator Juniper, Females only	Generally Recommended	Low to Medium	60' X 40'	Evergreen	Sun	Specimen tree where space allows. Females only.
*Juniperus monosperma, Females only	Oneseed Juniper, Females only	Generally Recommended	Low	15' X 15'	Evergreen	Sun	Specimen tree where space allows, and screening. Females only.
*Juniperus scopulorum, Females only	Rocky Mountain Juniper, Females Only	Conditionally Recommended	Low to Medium	40' X 20'	Evergreen	Sun	Vulnerable to heat stress. Only in cooler wetter spaces. Screening on large sites. Females only.
*Juniperus virginiana, Females only	Juniper Trees, Females Only	Generally Recommended	Low to Medium	20' X 10'	Evergreen	Sun	Appropriate for overhead utilities. Females only.
Koeleruteria paniculata	Golden Raintree	Generally Recommended	Medium	25' X 25'	Deciduous	Sun	Ornamental, shade and street tree, storm water basins. Susceptible to Golden Raintree bugs.
Lagerstroemia indica x fauriei	Crape Myrtle	Conditionally Recommended	High	15' X 15'	Deciduous	Sun	Warm moist microclimates, ornamental accent, storm water catchments, medians that capture stormwater. Appropriate for overhead utilities.
Leucaena retusa	Golden Ball Leadtree	Potential/ Unproven	Low to Medium	15' X 15'	Deciduous	Sun	Ornamental accent, medians, warm microclimates. Stays shrubby, not tree-like. Appropriate for overhead utilities.
Maclura pomnifera 'White Shield'	Non-fruiting Osage Orange	Generally Recommended	Medium	25' X 25'	Deciduous	Sun	Shade and street tree, storm water basins, medians. Choose thornless variety. Appropriate for overhead utilities.
Magnolia grandiflora	Southern Magnolia	Not Recommended	Medium to High	25' X 25'	Evergreen	Sun/Shade	Limited use as ornamental tree where protected from the wind. Partial shade is beneficial. Too cold in ABQ. High water requirement.

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Magnolia soulangiana	Saucer Magnolia	Conditionally Recommended	Medium	20' X 20'	Deciduous	Part Shade	Only in wind protected cooler moister microclimates. Shaded and wind buffered courtyards. Appropriate for overhead utilities.
Malus cultivars	Crabapple	Generally Recommended	High	varies	Deciduous	Sun	Residential, park and campuses. Small scale shade and ornamental tree. Limited to wetter places. Choose varieties with smaller persistent fruit. Good performer.
Melia azedarach	Chinaberry	Conditionally Recommended	Low to Medium	25' X 20'	Deciduous	Sun	Medians, shade, ornamental accent, and street tree. Appropriate for overhead utilities.
Metasequoia glyptostroboides	Dawn Redwood	Conditionally Recommended	Medium to High	60' X 40'	Deciduous	Sun	Parks and campuses. High water use.
*Morus species	Mulberry species	Prohibited					Prohibited by COA Zoning Code 9-12-5.
Parrotia persica	Persian Parrotia	Not Recommended	Medium	25' X 25'	Deciduous	Sun	Susceptible to heat and drought. Rarely available. Ornamental, street tree, and storm water basins. Appropriate for overhead utilities.
Paulownia tomentosa	Empress tree	Conditionally Recommended	Medium	30' X 30'	Deciduous	Sun/Shade	Fast growth makes them weak in the wind. Shade, ornamental tree, and storm water basins. Lots of litter and wind breakage.
Picea abies	Norway Spruce	Not Recommended	Medium to High	50' X 20'	Evergreen	Sun	Limited to large cooler sites with ample moisture. Does not like heat. Intolerant to heat and drought.
Picea engelmannii	Engelmann Spruce	Not Recommended	Medium to High	50' X 20'	Evergreen	Sun	Limited to large cooler sites with ample moisture. Grows slowly, needs rich soil and high elevation. Intolerant to heat and drought.
Picea pungens	Blue Spruce	Not Recommended	Medium to High	50' X 20'	Evergreen	Sun	Only in cooler wetter places where space allows. Limited to large cooler sites with ample moisture. High water use.
Pinus aristata	Bristlecone Pine	Conditionally Recommended	Medium	30' X 20'	Evergreen	Sun	This is an exception to the high elevation poor performance in heat. Bristlecone seem to do well at lower elevations. Slow growth rate limits usefulness.
Pinus edulis	Pinon Pine	Conditionally Recommended	Medium	30' X 20'	Evergreen	Sun	Limited to cooler sites where pesticide applications aren't a problem due to insect problem. Not for commercial applications.
Pinus eldarica	Afghan Pine	Generally Recommended	Medium	40' X 18'	Evergreen	Sun	Heat tolerant, screening, and windbreaks
Pinus flexilis	Limber Pine	Conditionally Recommended	Medium	30' X 20'	Evergreen	Sun	Only in cooler wetter spaces. Impacted by heat.

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<i>Pinus halepensis</i> var <i>brutia</i>	Aleppo Pine	Potential/ Unproven	Low to Medium	40 X 40	Evergreen	Sun	Needs to be tried. Forms canopy, so has potential as street tree.
<i>Pinus nigra</i>	Austrian Pine	Generally Recommended	Medium to High	35' X 25'	Evergreen	Sun	Use in cooler wetter spaces. Recommend Afghan Pine as alternative.
<i>Pinus pinea</i>	Italian Stone Pine	Conditionally Recommended	Medium	60' X 50'	Evergreen	Sun	Heat tolerant where space allows. Slow-growing, large park spaces. Beetles can be a problem.
<i>Pinus ponderosa</i>	Ponderosa Pine	Conditionally Recommended	Medium to High	40' X 25'	Evergreen	Sun	Large cooler park sites. Only in cooler wetter spaces. High elevation conifers are becoming significantly stressed by heat - not just summertime temps, but warmer winter temps.
<i>Pinus strobiformis</i>	Southwestern White or Border Pine	Conditionally Recommended	Medium to High	30' X 20'	Evergreen	Sun	Use in cooler wetter spaces.
<i>Pinus sylvestris</i>	Scotch Pine	Not Recommended	Medium to High	45' X 25'	Evergreen	Sun	Only in cooler wetter spaces. Only in cooler wetter spaces. High elevation conifers are becoming significantly stressed by heat - not just summertime temps, but warmer winter temps.
<i>Pistacia atlantica</i> X <i>integerrima</i> 'Red Push'	Red Push Pistache	Conditionally Recommended	Medium	40' X 40'	Deciduous	Sun	Shade and street tree, storm water basins, medians. Less cold hardy, some protection helpful.
<i>Pistacia chinensis</i>	Chinese Pistache	Generally Recommended	Medium	40' x 30'	Deciduous	Sun	Shade and street tree; storm water basins, medians.
* <i>Platanus wrightii</i>	Arizona Sycamore	Conditionally Recommended	Medium to High	60' X 70'	Deciduous	Sun	Only where ample moisture is available. Not much better than London plane. Shade tree in heavily irrigated parks and campuses. Allergenic and high water. Rarely look healthy here. Can only be sold if labeled as high allergen potential.
* <i>Platanus acerfolia</i>	London Plane Tree	Conditionally Recommended	High	70' X 50'	Deciduous	Sun	Too large and water consumptive. Existing population is dying back. Shade tree in heavily irrigated parks and campuses. Allergenic and high water use. Can only be sold if labeled as high allergen potential.
<i>Poncirus trifoliata</i>	Trifoliolate Orange	Potential/ Unproven	Medium	15' X 10'	Evergreen	Sun	Screening, borders, barrier planting. Generally too cold here for citrus. Fruit is messy for commercial applications. Appropriate for overhead utilities.
* <i>Populus acuminata</i>	Mountain/Lanceleaf Cottonwood	Conditionally Recommended	Medium to High	50' X 50'	Deciduous	Sun	Can only be sold if labeled as high allergen potential.
* <i>Populus fremontii</i> var <i>wislizenii</i>	Rio Grande Cottonwood	Conditionally Recommended	Medium to High	60' X 60'	Deciduous	Sun	Only where space allows. Shade tree and habitat in heavily irrigated parks and campuses. High water use. Can only be sold if labeled as high allergen potential.
* <i>Populus tremuloides</i>	Quaking Aspen	Not Recommended	High	60' X 30'	Deciduous	Sun	Heavily irrigated parks and campuses. High water use. Can only be sold if labeled as high allergen potential.

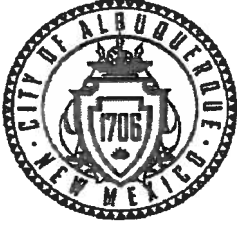
Scientific Name	Common Name	Rating	Water Use	Approx Mature Size (H x W)	Deciduous or Evergreen	Light Exposure	Comments / Suitability
Prosopis alba Colorado	Colorado Mesquite	Potential/ Unproven	Low	40' X 40'	Deciduous	Sun	Worth trying in warm microclimates - known cold hardiness is 15 degrees F.
Prosopis glandulosa	Honey Mesquite	Generally Recommended	Low	25' X 30'	Deciduous	Sun	Maverick' is thornless. Small ornamental and shade tree in medians, residential areas, habitat. Some have hardiness issues. Appropriate for overhead utilities.
Prosopis pubescens	Screwbean Mesquite	Generally Recommended	Low	20' X 20'	Deciduous	Sun	Ornamental in medians. Some have hardiness issues. Appropriate for overhead utilities.
Prosopis torreyana	Western Honey Mesquite	Conditionally Recommended	Low	18' X 20'	Deciduous	Sun	Ornamental in medians, habitat, and barrier planting. Some have hardiness issues. Appropriate for overhead utilities.
Prosopis velutina	Velvet Mesquite	Potential/ Unproven	Low	20' X 25'	Deciduous	Sun	Least cold tolerant. Appropriate for overhead utilities.
Prunus americana	American Plum	Conditionally Recommended	Medium	20' X 20'	Deciduous	Sun/Shade	Residential small shade, habitat and food trees. Commercial use in restaurant landscapes and storm water basins. Large shrub. Fruit drop and borers. Appropriate for overhead utilities.
Prunus armeniaca	Apricot	Conditionally Recommended	Medium	20' X 20'	Deciduous	Sun/Shade	Residential and commercial restaurant shade and food planting and storm water basins. Fruit drop and borers. Appropriate for overhead utilities.
Prunus armeniaca mandshurica	Manchurian Apricot	Generally Recommended	Medium	10' X 12'	Deciduous	Sun/Shade	Residential shrub, commercial restaurant large shrub, and storm water basins. Fruit drop and borers. Appropriate for overhead utilities.
Prunus cerastifera	Purpleleaf Plum	Generally Recommended	Medium	20' X 20'	Deciduous	Sun	Ornamental accent and storm water basins. Fruit drop and borers. Small and messy. Many are dying. Not for commercial applications.
Prunus virginiana	Chokecherry	Generally Recommended	Medium to High	20' X 20'	Deciduous	Sun	Aggressive root-sprouting. Useful in storm water basins, ornamental accent, and storm water basins. Appropriate for overhead utilities.
Pseudotsuga menziesii	Douglas Fir	Not Recommended	Medium to High	50' X 20'	Evergreen	Sun	High elevation conifers are becoming significantly stressed by heat - not just summertime temps, but warmer winter temps. Needs adequate space.
Ptelea trifoliata	Hoptree	Generally Recommended	Medium	20' X 20'	Deciduous	Sun/Shade	Ornamental accent, habitat, and storm water catchments. Slow-growing. Appropriate for overhead utilities.
Pyrus sp	Ornamental Pear	Generally Recommended	Medium to High	25' X 15'	Deciduous	Sun	Ornamental and shade tree. Over-used and no longer suitable for commercial applications. Tends to grow vertical and branches break. Higher water requirement.
Quercus emoryi	Emory Oak	Generally Recommended	Medium	35' X 35'	Evergreen	Sun/Shade	Street tree and parks. Slow growing.

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Quercus fusiformis	Escarpment Live Oak	Generally Recommended	Medium	25' X 30'	Evergreen	Sun/Shade	Street tree, parks, screening, and specimen planting. Tolerant of heat and alkaline soils. Appropriate for overhead utilities.
Quercus gambelii	Gambel Oak	Generally Recommended	Medium	25' X 25'	Deciduous	Sun/Shade	Ornamental and shade tree; habitat, and storm water basins. Appropriate for overhead utilities.
Quercus gravesii	Chisos Red Oak	Potential/ Unproven	Medium	25' X 25'	Deciduous	Sun/Shade	Shade and street tree; storm water basins. Uncommon. Appropriate for overhead utilities.
Quercus grisea	Gray Oak	Generally Recommended	Low to Medium	30' X 30'	Evergreen	Sun/Shade	Parks and screening. May defoliate in winter.
Quercus lobata	Valley Oak	Potential/ Unproven	Medium to High	45' X 30'	Deciduous	Sun	Shade and street tree.
Quercus macrocarpa	Bur Oak	Generally Recommended	Medium to High	60' X 70'	Deciduous	Sun/Shade	Shade tree in cooler parks and campuses. Needs more water. Less adapted to heat than the other oaks listed.
Quercus muhlenbergii	Chinquapin Oak	Generally Recommended	Medium	40' X 40'	Deciduous	Sun/Shade	Shade and street tree, habitat, and storm water basins.
Quercus oblongifolia/engelmannii	Mexican Blue / Mesa Oak	Potential/ Unproven	Medium	25' X 30'	Deciduous	Sun/Shade	Shade and street tree.
Quercus polymorpha	Mexican White Oak	Potential/ Unproven	Medium	50' X 35'	Deciduous	Sun	Not common, but has demonstrated high drought tolerance, and may work in ABQ.
Quercus robur	English Oak	Conditionally Recommended	Medium to High	50' X 50'	Deciduous	Sun/Shade	More water required and more heat stressed. Shade tree in cooler parks and campuses.
Quercus shumardii	Shumard Oak	Generally Recommended	Medium	60' X 60'	Deciduous	Sun/Shade	Shade and street tree, parks, and storm water basins.
Quercus suber	Cork Oak	Not Recommended	Low to Medium	30' X 30'	Evergreen	Sun/Shade	Only a few in ABQ and they all look stressed.
Quercus texana syn buckleyi	Texas Red Oak	Generally Recommended	Medium	40' X 40'	Deciduous	Sun/Shade	Shade and street tree, parks, and storm water basins
Quercus turbinella	Desert or Shrub Live Oak	Generally Recommended	Low to Medium	18' X 20'	Evergreen	Sun/Shade	Screening, parks, and habitat. More useful as a shrub than as a tree. Appropriate for overhead utilities.
Quercus virginiana	(Southern) Live Oak	Conditionally Recommended	Medium	35' X 40'	Evergreen	Sun/Shade	Street tree. Screening and specimen on large sites.

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Rhamnus cathartica	Common Buckthorn	Not Recommended	Medium	20' X 20'	Deciduous	Sun	Heat stressed. Shade tree in parks. Appropriate for overhead utilities.
Rhamnus frangula 'Asplenifolia'	Fernleaf Buckthorn	Conditionally Recommended	Medium	12' X 10'	Deciduous	Sun/Shade	Ornamental accent. Appropriate for overhead utilities.
Robinia neomexicana	New Mexico Locust	Not Recommended	Medium	25' X 15'	Deciduous	Sun/Shade	Heat-stressed. Aggressive root-sprouting. Erosion control in foothills, native. storm water basin. More shrub-like. Encourage propagation in the nursery industry.
Robinia pseudoacacia	Black Locust	Conditionally Recommended	Medium	40' X 25'	Deciduous	Sun	Shade and ornamental tree; storm water basins.
Robinia X ambigua	Idaho Locust	Not Recommended	Medium	40' X 25'	Deciduous	Sun	Weak wooded. Very susceptible to wind damage. Ornamental tree and storm water basins.
Robinia X ambigua idahoensis	Purple Robe Locust	Not Recommended	Medium	30' X 30'	Deciduous	Sun/Shade	Good alternative to Ash or Honey Locust.
Sambucus mexicana	Mexican Elder	Conditionally Recommended	Low to Medium	20' X 25'	Deciduous	Sun	Ornamental accent, habitat, storm water basins, and parks. Appropriate for overhead utilities.
Sapindus drummondii	Western Soapberry	Generally Recommended	Low to Medium	30' X 30'	Deciduous	Sun	Ornamental accent, pollinator habitat, medians, and storm water basins. Appropriate for overhead utilities.
Sequoia sempervirens	Coast Redwood	Not Recommended	Medium	50' X 30'	Evergreen	Sun	Limited to large spaces with higher humidity. Where space allows. Not well suited to this climate.
Sequoiadendron giganteum	Giant Sequoia	Not Recommended	Medium	75' X 30'	Evergreen	Sun	Limited to very large spaces. Where space allows. Not well suited to this climate.
Sorbus aucuparia	European Mountain Ash	Not Recommended	High	20' X 20'	Deciduous	Sun/Shade	Heat-stressed in ABQ. High water user. Ornamental in heavily irrigated cooler parks. Appropriate for overhead utilities.
Styphnolobium syn Sophora japonicum	Japanese Pagoda Tree, Scholar Tree	Generally Recommended	Medium	35' X 35'	Deciduous	Sun/Shade	Shade and street tree, parks, and storm water basins.
Syringa reticulata	Japanese Tree Lilac	Generally Recommended	Medium to High	20' X 20'	Deciduous	Sun	Ornamental tree in parks, commercial, and residential landscapes. Appropriate for overhead utilities.
Taxodium distichum	Bald Cypress	Not Recommended	Medium to High	50' X 20'	Deciduous	Sun/Shade	Requires ample water. Very few healthy specimens in ABQ. Ornamental in parks, storm water basins. Limited use.
Taxodium mucronatum	Montezuma Cypress	Not Recommended	Medium to High	60' X 40'	Deciduous	Sun/Shade	Requires ample water. Ornamental in parks and storm water basins. Limited use. High water use, allergenic, not healthy.

Scientific Name	Common Name	Rating	Water Use	Approx Mature Size (H x W)	Deciduous or Evergreen	Light Exposure	Comments / Suitability
<i>Sophora secundiflora</i>	Texas Mountain Laurel	Potential/ Unproven	Low to Medium	15 X 15	Evergreen	Sun/Shade	Slow growing.
<i>Tilia cordata</i>	Littleleaf Linden	Not Recommended	High	40' X 30'	Deciduous	Sun/Shade	Requires ample water and still declines due to heat. Ornamental and shade in heavily irrigated cooler parks. One of only very few non-host trees for xylella. Consider looking into <i>Tilia americana</i> and <i>Tilia tomentosa</i> .
<i>Trachycarpus fortunei / wagnerianus</i>	Windmill Palm	Conditionally Recommended	Medium	15' X 4'	Evergreen	Sun/Shade	Only in warm moist microclimates. Specimen planting in warm microclimates.
* <i>Ulmus americana-ascendens</i>	American Elm	Generally Recommended	Medium	35' X 35'	Deciduous	Sun	Shade and street tree, storm water basins, and medians. Very susceptible to verticillium wilt and pests. Can only be sold if labeled as high allergen potential. Other varieties prohibited by 9-12-5, Regulated Trees.
* <i>Ulmus glabra-horizontals</i>	Horizontal Elm	Generally Recommended	Medium	35' X 35'	Deciduous	Sun	Shade and street tree, storm water basins, and medians. Can only be sold if labeled as high allergen potential. Other varieties prohibited by 9-12-5, Regulated Trees.
* <i>Ulmus minor-gracilis</i>	Field Elm	Conditionally Recommended	Medium	35' X 35'	Deciduous	Sun	Shade and street tree, and medians. Very susceptible to Dutch Elm disease. Can only be sold if labeled as high allergen potential. Other varieties prohibited by 9-12-5, Regulated Trees.
* <i>Ulmus parvifolia</i>	Lacebark Elm	Generally Recommended	Low to Medium	40' X 40'	Deciduous	Sun	Shade and street tree, storm water basins, and medians. Fast-growing, good shade tree. Can only be sold if labeled as high allergen potential. Other varieties prohibited by 9-12-5, Regulated Trees.
<i>Vitex agnus-castus</i>	Chaste Tree	Generally Recommended	Medium	20' X 20'	Deciduous	Sun	Ornamental tree, storm water basins, and accent specimen.
<i>Zelkova sp.</i>	Zelkova multiple varieties	Generally Recommended	Medium	40' X 30'	Deciduous	Sun	
<i>Zizyphus jujuba</i>	Jujube or Chinese Date	Conditionally Recommended	Low to Medium	25' X 25'	Deciduous	Sun	Ornamental accent, pollinator, habitat, medians, and storm water basins.

Scientific Name	Common Name	Rating	Water Use	Approx Mature Size (H x W)	Deciduous or Evergreen	Light Exposure	Comments / Suitability	
Trees Regulated for Pollen Control								
Provision § 9-12-5, Pollen Control Ordinance - Regulated Trees, places restrictions on the following trees due to allergens								
Conditions of Use								
*Cupressus species	Cypress species	Prohibited	Low to Medium	varies	Evergreen	Sun	ALL PROHIBITED.	
*Fraxinus species	Ash species	Conditionally Recommended**	Medium to High	varies	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Juniperus species, males	Juniper species, males	Generally Recommended**	Low to Medium	varies	Evergreen	Sun	**Only females permitted.	
*Morus species	Mulberry species	Prohibited	varies	varies	varies	varies	ALL PROHIBITED.	
*Platanus species	Sycamore species	Conditionally Recommended**	Medium to High	60' X 70'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
Populus species EXCEPT:	Cottonwood species EXCEPT	Generally Prohibited					PROHIBITED EXCEPT:	
*Populus acuminata	Lance leaf or Mountain Cottonwood	Conditionally Recommended**	Medium to High	50' X 50'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Populus fremontii var wislizenii	Rio Grande Cottonwood	Conditionally Recommended**	Medium to High	60' X 60'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Populus tremuloides	Quaking Aspen	Not Recommended	High	60' X 30'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
Ulmus species EXCEPT:	Elm species EXCEPT:	Generally Prohibited					PROHIBITED EXCEPT:	
*Ulmus Americana - ascendens	American Elm	Generally Recommended**	Medium	35'x 35'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Ulmus glabra - horizontalis	Horizontal Elm or Wych Elm	Generally Recommended**	Medium	35'x 35'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Ulmus minor - gracilis	Field Elm	Conditionally Recommended**	Medium	35'x 35'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	
*Ulmus parvifolia	Lacebark Elm	Generally Recommended**	Low to Medium	40' X 40'	Deciduous	Sun	**Can be sold if individually labeled as high allergen potential.	



City of Albuquerque

Planning Department

Richard J. Berry, Mayor
Interoffice Memorandum

02 May 2017

To: Suzanne Lubar, Planning Director
From: Russell Brito, Planning Manager *RJB*
Urban Design & Development Division
Subject: Official Albuquerque Tree List per § 14-16-3-10

Intent

Zoning Code Section 14-16-3-10, Landscape Regulations, call for the Planning Director or his/her designee, appropriate staff and entities such as the ABCWUA, the local chapter of the American Society of Landscape Architects, local landscape maintenance firms, and local nurseries, to create an official, Albuquerque-specific tree and plant palette. Planning staff has coordinated and met with landscape professionals and multiple other agencies throughout 2016 to create The City of Albuquerque Tree List as the first portion of the Official Albuquerque Plant Palette and Sizing List.

Background

Council Bills O-16-5 & O-16-6 (Project 1001620, 15EPC-40022) amended the Zoning Code and revised the landscape standards to maintain, enhance, and improve the quality of the urban environment.

The Official Albuquerque Tree List results from the collaborative effort of landscape professionals and City staff to create a preferred tree list to help enhance the City's overall tree canopy with a variety of tree species. This list is intended to assist those involved in the buying, growing, selling, selection, siting, and planting of trees, with the ultimate goal of a healthy, diverse, and geographically appropriate landscape and urban forest.

The *Official Albuquerque Tree List* builds on the *Albuquerque Bernalillo County Water Utility Authority Guide* to provides property owners and landscape professionals with guidance on the appropriate plants and trees for Albuquerque. It includes hundreds of plants suited to central New Mexico.

Conclusion

The Official Albuquerque Tree List, attached to this memo, will reside on the Planning Department website and apply to private properties city-wide. It will be revisited periodically to ensure it reflects best practices for Albuquerque.

Approved:


Suzanne Lubar, Planning Director

5/3/17
Date