

Trees for Schools													
Native													
****The planting of native species is preferred													
Common Name	Botanical Name	Water Use	Tree Height - Full Grown	Tree Canopy Width Diameter- Full Grown	Powerline Friendly - SRP/APS recommendation	Annual Growth Rate	Root Damage Potential	Allergenic	Heaviest Bloom Season	Flower Color	Thorny	Tree Type	Special Consideration
Casahuate	Caesalpinia cacalaco	Low	15'	15'	Tree can be planted under a powerline	Slow	Low	Moderate	Winter	Yellow	Thorny	Evergreen	Thorns are on trunk, similar to a rose bush
Smoothie Casahuate	Caesalpinia cacalaco 'Smoothie'	Low	18'	18'	Tree can be planted under a powerline	Slow	Low	Moderate	Winter	Yellow	No Thorns	Evergreen	
Desert Willow	Chilopsis linearis	Low	25'	20'	Tree can be planted under a powerline	Fast	Low	Low	Midsummer	Pink	No Thorns	Deciduous	yields 10" seed pods
Ironwood	Olivya tesota	Low	25'	25'	Tree can be planted under a powerline	Slow	Low	Low	Spring	Pale purple rose to lavender	Thorny	Briefly deciduous	
Blue Palo verde	Parkinsonia florida	Low	25'	20'	Tree can be planted under a powerline	Fast	Low	High	Spring	Yellow	Thorny	Deciduous	State Tree. Will need more pruning in the first 2-3 years.
Palo Brea	Parkinsonia praecox	Low	20'	20'	Tree can be planted under a powerline	Fast	Low	High	Spring	Yellow	Thorny	Deciduous	Overwatering can lead to vigorous growth habit that is prone to failure
Thornless Hybrid Palo Verde	Parkinsonia thornless hybrid	Low	25'	25'	Tree can be planted under a powerline	Fast	Low	High	Spring	Yellow	No Thorns	Semi evergreen	Overwatering can lead to vigorous growth habit that is prone to failure
Hybrid native thornless mesquite	Prosopis thornless	Low	30'	30'	Tree should not be planted within 15' of a powerline	Moderate	Low	Moderate	Summer	N/A	No Thorns	Deciduous	Will need more pruning in the first 2-3 years
Velvet mesquite	Prosopis velutina	Low	25'	25'	Tree should not be planted within 15' of a powerline	Moderate	Low	Moderate	Summer	Cream	Thorny	Deciduous	Will need more pruning in the first 2-3 years
Desert Sweet Acacia	Vachella farnesiana	Low	20'	20'	Tree can be planted under a powerline	Fast	Low	Low	Spring and Summer	Small yellow powder puff	Thorny	Semi-deciduous	Has a very sweet fragrance
Non-Native													
Common Name	Botanical Name	Water Use	Tree Height - Full Grown	Tree Canopy Width Diameter- Full Grown	Powerline Friendly - SRP/APS recommendation	Annual Growth Rate	Root Damage Potential	Allergenic	Heaviest Bloom Season	Flower Color	Thorny	Tree Type	Special Consideration
Mulga Tree	Acacia aneura	Low	15'	15'	Tree can be planted under a powerline	Moderate	Low	Moderate	Spring and Summer	Yellow	No Thorns	Evergreen	Flowers are catarrhal shaped blooms
Shoestring Acacia	Acacia stenophylla	Low	30'	20'	Tree should not be planted within 15' of a powerline	Fast	Low	Moderate	Spring	Pale yellow	No Thorns	Evergreen	Maroon colored bark
Texas Olive	Cordia boissieri	Low	10'	10'	Tree can be planted under a powerline	Moderate	Low	Low	Spring	White	No Thorns	Evergreen	Does not produce fruit that people find palatable, but wildlife does love this tree
Indian Rosewood	Dalbergia sissoo	Low	40'	30'	Tree should not be planted within 15' of a powerline	Fast	High	Low	Spring	White	No Thorns	Evergreen	Should only be planted in large fields, not near any infrastructure as the roots can damage surrounding buildings, sidewalks, etc.
Olive, all non fruiting varieties	Olea sp.	Low	25'	25'	Tree can be planted under a powerline	Moderate	Moderate	Low	Spring	Cream	No Thorns	Evergreen	
Mastic Tree	Pistacia lentiscus	Low	12'	8'	Tree can be planted under a powerline	Slow	Low	Low	Spring	Inconspicuous	No Thorns	Evergreen	Female trees produce inedible red berries in the fall that turn black when ripe.
Red Push Pistache	Pistacia X 'Red Push'	Low	40'	35'	Tree should not be planted within 15' of a powerline	Slow	Low	Low	N/A	N/A	No Thorns	Deciduous	Leaves turn bright red in the fall
Southern Live Oak	Quercus virginiana	Moderate	40'	50'	Tree should not be planted within 15' of a powerline	Fast	Moderate	High	Spring	Inconspicuous	No Thorns	Evergreen	Produces acorns
Texas Mountain Laurel	Sophora secundiflora	Low	15'	15'	Tree can be planted under a powerline	Slow	Low	Low	Spring	Purple	No Thorns	Semi-deciduous	Flowers smell like grape kool-aid
Chinese Elm	Ulmus parvifolia	Moderate	35'	35'	Tree should not be planted within 15' of a powerline	Fast	Moderate	Moderate	N/A	N/A	No Thorns	Semi-deciduous	May or may not lose leaves in the winter depending on where it is planted.
Chaste Tree	Vitex agnus-castus	Low	15'	15'	Tree can be planted under a powerline	Moderate	Low	Low	Summer	White, to pink or violet blue flower plumes	No Thorns	Deciduous	
<p>***This list and data is referencing the Tree Reference Guide for Maricopa County found below:</p> <p>https://extension.arizona.edu/tree-reference-guide-maricopa-county</p>													