


| Trees Recommended for Southeastern Colorado<br>by Size Class and then Alphabetically by Common Name<br><br>All trees listed have some degree of drought tolerance after establishment*  | Drought Tolerance |          |      | High Soil pH/alkalinity Tolerance<br>(pH of 7 or higher) |          |      | Soil Texture Tolerance<br>Well Drained ← → Poorly Drained |            |      |           |      | Protected Site Recommended | Good Windbreak Component | Recommended Cultivars   | Comments  |   |
|--|-------------------|----------|------|--|----------|------|---|------------|------|-----------|------|----------------------------|--------------------------|---|---|---|
|  | High              | Moderate | Fair | High   | Moderate | Fair | Sandy   | Sandy Loam | Loam | Clay Loam | Clay | Yes                        | Yes                      | Some varieties have shown superior qualities compared with others | Other items of note   |   |
|  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <b>Large Shade Trees - 50'+ at maturity</b>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">catalpa, northern (same as western)</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         | X    |                            |                          |   |   | Can have weak wood; <a href="#">prune for good structure</a> and eliminate codominant stems (stems growing too close together).                             |
| <a href="#">cottonwood, plains</a>   |                   |          | X    | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | Male cultivars are seedless: 'Jeronimus', or ask for Sargent cottonwood   | Not for residential use. Do not plant near structures due to weak wood and breakage potential. Good for riparian area planting, or out in large open areas. |
| <a href="#">elm, American (Dutch elm disease resistant hybrids)</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Liberty', 'Valley Forge', 'Princeton', 'Jefferson', 'Delaware #2', 'Accolade'  |   |
| <a href="#">elm, English</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | limited commercial availability   | State champion trees in Rocky Ford and La Junta.  |
| <a href="#">elm, 'Frontier' (Chinese (lacebark) elm hybrid)</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   |   |
| <a href="#">elm, lacebark (true Chinese elm)</a>   |                   | X        |      | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   |   | State champion tree in Rocky Ford.  |
| <a href="#">elm, 'Patriot'</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | High tolerance to elm leaf beetle. More upright form.   |
| <a href="#">elm, 'Prospector'</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | Good choice if looking for a somewhat smaller version of American elm.  |
| <a href="#">ginkgo (male cultivars with no fruit)</a>  |                   | X        |      |  | X        |      |   | X          | X    | X         |      | X                          |                          |   | 'Presidential Gold', 'Autumn Gold'  |   |
| <a href="#">hackberry, common</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   |   |   |
| <a href="#">honeylocust</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   | 'Shademaster', 'Skyline', plant 'Sunburst' in area protected from south west exposure   | Avoid over-watering.  |
| <a href="#">Kentucky coffeetree</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   |   |
| <a href="#">linden, American</a>   |                   |          | X    |  | X        |      | X   | X          | X    | X         |      | X                          |                          |   | 'Legend', 'American Sentry'   | Not tolerant of de-icing or road salts.   |
| <a href="#">London planetree</a>   |                   |          | X    | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   | 'Columbia', 'Liberty'   |   |
| <a href="#">oak, bur</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   |   |   |
| <a href="#">oak, English</a>   |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   |   |
| <a href="#">pecan</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Pawnee', others  |   |
| <a href="#">persimmon, common</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         |      | X                          |                          |   | Limited commercial availability   | State champion tree in Rocky Ford.  |
| <a href="#">sycamore, American</a>   |                   |          | X    |  | X        |      | X   | X          | X    | X         |      |                            |                          |   |   | State champion tree in Rocky Ford. Potentially affected by antracnose.  |
| <b>Medium Shade Trees - 30' to 40' at maturity</b>   |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">boxelder, 'Sensation'</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Sensation'   | 'Sensation' is the only cultivar recommended as it is a male cultivar with no seeds and has superior growth habit.  |
| <a href="#">Chinese pistache</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   |   |   |
| <a href="#">filbert, Turkish</a>   | X                 |          |      |  | X        |      |   | X          | X    | X         |      | X                          |                          |   |   |   |
| <a href="#">golden raintree</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | Can be a prolific re-seeder in moist, sandy-loam soils.   |
| <a href="#">hackberry, netleaf</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | Limited commercial availability   | State champion trees in Las Animas County.  |
| <a href="#">Japanese pagodatree</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   |   |   |
| <a href="#">linden, littleleaf</a>   |                   |          | X    |  | X        |      | X   | X          | X    | X         |      |                            |                          |   |   | Not tolerant of de-icing or road salts.   |
| <a href="#">oak, gambel</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   |   | May have problems with suckers.   |
| <a href="#">Osage-orange</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   | Male cultivars are fruitless and thornless: 'Wichita', 'Pawhuska', 'Chetopa'.   |   |
| <a href="#">pear, ornamental</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Aristocrat', 'Chanticleer', 'Cleveland Select', 'Autumn Blaze'   |   |
| <a href="#">soapberry, western</a>   |                   |          | X    | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | Limited commercial availability   | State champion tree in Baca County - Picture Canyon, USFS Comanche National Grassland.  |
| <a href="#">mulberry, white</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   | 'Fruitless' cultivar is fruitless. <a href="#">Russian mulberry</a>   | Consider planting fruit-bearing trees in windbreaks to add wildlife value.  |
| <b>Small Ornamental Trees - 25' or less at maturity</b>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">apricot</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Moorpark', 'Moongold'  | Very rarely sets fruit due to early blossom, but makes a hardy ornamental tree.   |
| <a href="#">chokecherry, Canada red</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         |      |                            |                          |   |   | Can have a problem with suckers at base.  |
| <a href="#">crabapple</a>  |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Spring Snow', 'Profusion', 'Radiant', 'Centurion', 'Coralburst', 'Prairiefire'   | Choose cultivars that are fireblight resistant.   |
| <a href="#">euonymus, winterberry</a>  |                   |          | X    | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   | 'Pink Lady'   | State champion tree in La Junta. Limited commercial availability.   |
| <a href="#">hawthorn, English</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Paul's Scarlet', 'Crimson Cloud'   | Thornless. Takes annual pruning to maintain tree form, or do not prune for more of a large shrub form. Can have suckers at base.                            |
| <a href="#">hawthorn, Washington</a>   |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | Has thorns. Takes annual pruning to maintain tree form, or do not prune for large shrub form. Can have suckers at base.                                     |
| <a href="#">Japanese tree lilac</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         |      | X                          |                          |   | 'Ivory Silk'  |   |
| <a href="#">maple, bigtooth</a>  |                   |          | X    |  | X        |      | X   | X          | X    | X         |      |                            | X                        |   |   |   |
| <a href="#">maple, tartarian</a>   |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Hotwings'  |   |
| <a href="#">mulberry, weeping</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   | 'Chapparral' is fruitless weeping form.   | State champion tree in Rocky Ford.  |
| <a href="#">redbud, eastern</a>  |                   |          | X    | X  |          |      | X   | X          | X    | X         |      | X                          |                          |   | 'Lavender Twist', 'Don Eolf' (seedless, small)  |   |
| <a href="#">serviceberry</a>   |                   |          | X    |  |          | X    | X   | X          | X    | X         |      | X                          |                          |   | 'Saskatoon', 'Shadblow', 'Princess Diana', others   | Best used as a multi-stemmed large shrub/small tree.  |
| <a href="#">silver buffaloberry</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         |      |                            | X                        |   |   | Can be large shrub or small tree, depending upon how pruned.  |
| <b>Large Evergreen Trees - 30' to 60' at maturity<br/>Do Not use as street trees!</b>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">fir, white</a>   |                   |          | X    |  |          | X    |   | X          | X    | X         |      | X                          |                          |   |   |   |
| <a href="#">pine, Austrian</a>   |                   | X        |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   |   |   |
| <a href="#">pine, ponderosa</a>  |                   | X        |      |  | X        |      | X   | X          | X    | X         |      |                            | X                        |   |   |   |
| <a href="#">spruce, Colorado blue</a>  |                   |          | X    |  |          | X    |   | X          | X    | X         |      | X                          |                          |   |   |   |
| <b>Small Evergreen Trees - 15' to 25' at maturity</b>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">juniper spp.:</a>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">Rocky Mountain</a> <a href="#">eastern redcedar</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            | X                        |   | Many cultivars are available in many shapes, sizes, and coloration. Choose the best one for its purpose; windbreak or landscape ornamental. | State champion one-seed juniper located in Las Animas County - USFS Comanche National Grassland.  |
| <a href="#">Utah</a> <a href="#">one-seed</a>  |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| <a href="#">pine, mugo</a>   | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | wide growing, give plenty of room to spread.  |
| <a href="#">pine, piñon</a>  | X                 |          |      | X  |          |      | X   | X          | X    | X         |      |                            |                          |   |   | Avoid over-watering.  |
| <b>* All newly planted trees, regardless of drought tolerance, must be frequently deep watered to become established. Established trees must be consistently deep watered for the life of the tree. Deep watering means establishing soil moisture to a depth of 12 to 18 inches within the drip line of the tree.</b> |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |
| Created by S.Simmons   |                   |          |      |  |          |      |   |            |      |           |      |                            |                          |   |   |   |