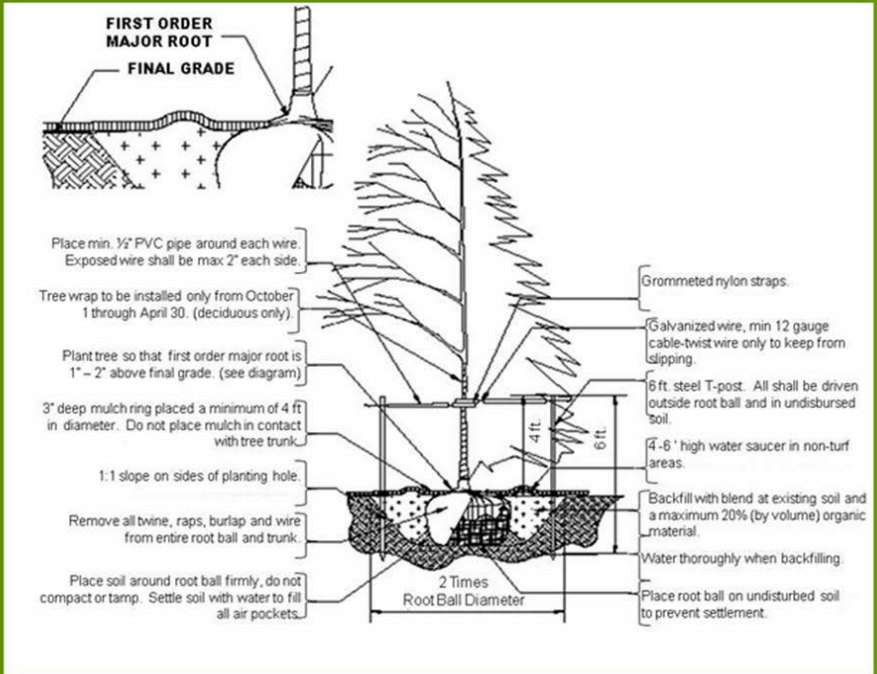




City of Brighton  
Parks & Open Space / Forestry  
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Brighton, CO 80601  
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(303) 655-2089  
[ksylvester@brightonco.gov](mailto:ksylvester@brightonco.gov)

## TIPS FOR PLANTING TREES AND SHRUBS



- *Keep newly purchased plants moist and in the shade until planting.*
- *Hole should be dug 2-4 inches shallower than the root ball.*
- *Remove ALL containers, wires, ropes, and pull back burlap, without disturbing the root ball before backfilling holes.*
- *Only prune dead and diseased branches out of newly planted trees and shrubs.*
- *Don't over water.*
- *The ideal planting time is early spring as soon as the ground can be worked before buds on the tree break dormancy.*
- *Mulching with wood chips after planting reduces need for frequent watering. Watering after planting is very important.*
- *The number one cause of death to newly planted trees is lack of winter watering....so remember to water in the winter as well as the summer.*

## WATER CONSERVING TIPS

There are 7 principles of xeriscaping that apply to establishing a new landscape in Colorado. If you follow these rules you will conserve water and maintain a successful home landscape.

1. Develop a well designed plan.
2. Reduce turf and high water areas.
3. Use a reasonable approach to soil improvements through soil amendments and aeration.
4. Select and use appropriate plant material for the climate, site, and soil.
5. Use mulch around trees and plants to improve moisture retention, reduce weak competition, and improve aesthetics.
6. Use sound watering practices by ensuring irrigation efficiency, modifying watering methods for slopes and low spots, watering at night or in the early morning, avoiding watering of sidewalks and driveways etc.

## Recommended Toughest Trees

| RATING | TREE TYPE | COMMON NAME                    | BOTANICAL NAME                      | NOTES   |
|--------|-----------|--------------------------------|-------------------------------------|---------|
| A      | O         | Tatarian Maple                 | <i>Acer tataricum</i>               | XDT     |
| A      | S         | Catalpa                        | <i>Catalpa speciosa</i>             | XDT     |
| A      | S         | Western Hackberry              | <i>Celtis occidentalis</i>          | MP, XDT |
| A      | O         | Russian Hawthorn               | <i>Crataegus ambigua</i>            | XDT     |
| A      | O         | Thornless Cockspur Hawthorn    | <i>Crataegus crus-galli inermis</i> | XDT     |
| A      | S         | Kentucky Coffee                | <i>Gymnocladus dioicus</i>          | XDT     |
| A      | E         | Upright Juniper Species        | <i>Juniperus chinensis</i>          | XDT     |
| A      | E         | One-seed Juniper               | <i>Juniperus monosperma</i>         | XDT     |
| A      | E         | Rocky Mountain Juniper Species | <i>Juniperus scopulorum</i>         | XDT     |
| A      | E         | Pinyon Pine                    | <i>Pinus edulis</i>                 | MP, XDT |
| A      | E         | Bosnian Pine                   | <i>Pinus heldreichii</i>            | XDT     |
| A      | E         | Austrian Pine                  | <i>Pinus nigra</i>                  | XDT     |
| A      | O         | Gambel Oak                     | <i>Quercus gambelii</i>             | XDT     |
| A      | S         | Bur Oak                        | <i>Quercus macrocarpa</i>           | MP, XDT |

“When we plant a tree, we are doing what we can to make our planet a more wholesome and happier dwelling-place for those who come after us if not for ourselves.”

~Oliver Wendell Holmes, Sr.~



## Less Common Recommended Trees

| RATING | TREE TYPE | COMMON NAME                 | BOTANICAL NAME  | NOTES   |
|--------|-----------|-----------------------------|---|---------|
| B      | S         | Sensation' Box Elder        | <i>Acer negundo</i> (other Box Elder species not recommended) | LB, XDT |
| B      | E         | White Fir                   | <i>Abies concolor</i>   | EX      |
| B      | O         | Rocky Mountain Maple        | <i>Acer glabrum</i>   | XDT     |
| B      | O         | Bigtooth Maple              | <i>Acer grandidentatum</i>                                    | XDT     |
| B      | S         | Ohio Buckeye                | <i>Aesculus glabra</i>  | SC      |
| B      | S         | Horsechestnut               | <i>Aesculus x carnea</i>                                      | SC      |
| B      | O         | Eastern Redbud              | <i>Cercis canadensis</i> (needs some protection)              | EX      |
| B      | S         | Yellowwood                  | <i>Cladastis kentukea</i>                                     |         |
| B      | O         | Turkish Filbert             | <i>Corylus colurna</i>  |         |
| C      | O         | Beech Species               | <i>Fagus sylvatica</i>  | EX      |
| B      | S         | Ginkgo                      | <i>Ginkgo biloba</i>  |         |
| C      | D         | European Larch (Deciduous)  | <i>Larix decidua</i>  | EX      |
| B      | S         | Amur Maackia                | <i>Maackia amurensis</i>                                      |         |
| B      | S         | Ostrya virginiana           | <i>American Hophornbeam</i>                                   | EX      |
| B      | E         | Norway Spruce               | <i>Picea abies</i>  |         |
| B      | E         | Engelmann Spruce            | <i>Picea engelmannii</i>                                      |         |
| B      | E         | Black Hills Spruce          | <i>Picea glauca</i> 'Densata'                                 |         |
| B      | E         | Southwestern White Pine     | <i>Pinus strobiformis</i>                                     | AN, XDT |
| B      | S         | London Plane Tree           | <i>Platanus acerifolia</i> 'Bloodgood'                        | FR      |
| B      | O         | Apricot                     | <i>Prunus armeniaca</i>                                       | LB, XDT |
| B      | O         | Ussurian Pear               | <i>Pyrus ussuriensis</i>                                      | FR, XDT |
| A      | S         | Chinkapin Oak               | <i>Quercus muehlenbergii</i>                                  |         |
| B      | S         | Cardinal Royal Mountain Ash | <i>Sorbus aucuparia</i>                                       |         |
| B      | S         | Japanese Pagoda             | <i>Styphnolobium japonica</i>                                 | FB,XDT  |
| B      | O         | Japanese tree lilac         | <i>Syringa reticulata</i>                                     |         |
| B      | D         | Bald Cypress (Deciduous)    | <i>Taxodium distichum</i>                                     |         |
| B      | S         | Harvest Gold Linden         | <i>Tilia mongolica</i> 'Harvest Gold'                         |         |
| A      | S         | Accolade Elm                | <i>Ulmus</i> 'Accolade'                                       |         |
| B      | S         | Valley Forge Elm            | <i>Ulmus americana</i>  | MP      |
| A      | S         | David Elm                   | <i>Ulmus davidiana japonica</i>                               |         |
| A      | S         | Discovery Elm               | <i>Ulmus japonica</i>   |         |
| B      | S         | Prospector Elm              | <i>Ulmus wilsoniana</i>                                       |         |

## Common Recommended Tress

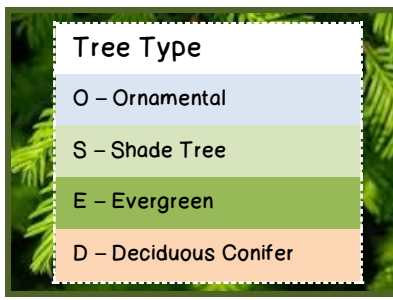
| RATING | TREE TYPE | COMMON NAME               | BOTANICAL NAME                           | NOTES       |
|--------|-----------|---------------------------|--|-------------|
| A      | O         | Saskatoon Serviceberry    | <i>Amelanchier alnifolia</i>             | XDT         |
| A      | O         | Shadblow Serviceberry     | <i>Amelanchier canadensis</i>            | XDT         |
| B      | O         | 'Washington' Hawthorn     | <i>Crataegus phaenopyrum</i>             | XDT         |
| B      | O         | 'Winter King' Hawthorn    | <i>Crataegus viridis</i>                 | LB, XDT     |
| A      | S         | Honeylocust 'Imperial'    | <i>Gleditsia triacanthos</i>             | XDT         |
| A      | S         | Honeylocust 'Shademaster' | <i>Gleditsia triacanthos</i>             | XDT         |
| A      | S         | Honeylocust 'Skyline'     | <i>Gleditsia triacanthos</i>             | XDT         |
| B      | S         | Goldenrain Tree           | <i>Koelreuteria paniculata</i>           | LB, XDT     |
| A      | O         | Crabapple 'Radiant'       | <i>Malus 'Radiant'</i>                   | FR          |
| B      | O         | Crabapple 'Spring Snow'   | <i>Malus 'Spring Snow'</i>               | FB          |
| A      | O         | Crabapple 'Thunderchild'  | <i>Malus 'Thunderchild'</i>              | FR          |
| B      | O         | Crabapple 'Coralburst'    | <i>Malus 'Coralburst'</i>                | FR          |
| B      | E         | Blue Spruce               | <i>Picea pungens</i>                     | SR          |
| B      | E         | Bristlecone Pine          | <i>Pinus aristata</i>                    | XDT         |
| B      | E         | Limber Pine               | <i>Pinus flexilis</i>                    | XDT         |
| B      | E         | Mugo Pine                 | <i>Pinus mugo</i>                        | XDT         |
| C      | E         | Ponderosa Pine            | <i>Pinus ponderosa</i>                   | BOR, XDT    |
| C      | E         | Scotch Pine               | <i>Pinus sylvestris</i>                  | BOR, XDT    |
| B      | O         | American Plum             | <i>Prunus americana</i>                  | BOR, XDT    |
| B      | O         | Canadian Red Chokecherry  | <i>Prunus virginiana 'Shubert'</i>       | SL, SU, XDT |
| B      | E         | Douglas Fir               | <i>Pseudotsuga menziesii</i>             | EX          |
| B      | O         | Pear 'Chanticleer         | <i>Pyrus calleryana</i>                  |             |
| B      | O         | Pear 'Cleveland Select'   | <i>Pyrus calleryana</i>                  |             |
| C      | O         | Pear 'Autumn Blaze'       | <i>Pyrus calleryana</i>                  |             |
| B      | S         | English Oak               | <i>Quercus bicolor</i>                   |             |
| B      | O         | Crimson Spire Oak         | <i>Quercus Crimson Spire TM</i>          |             |
| C      | S         | Swamp White Oak           | <i>Quercus robur</i>                     | CH          |
| A      | S         | American Linden           | <i>Tilia americana</i>                   |             |
| A      | S         | Linden 'Redmond'          | <i>Tilia americana</i>                   |             |
| A      | S         | Little Leaf Linden        | <i>Tilia cordata</i>                     |             |
| A      | S         | Greenspire                | <i>Tilia cordata</i>                     |             |
| A      | S         | Linden 'Glenleven'        | <i>Tilia cordata</i>                     |             |
| B      | S         | Sterling Silver Linden    | <i>Tilia tomentosa 'Sterling Silver'</i> |             |

## Non-Recommended Trees/CAUTION!

| RATING | TREE TYPE | COMMON NAME                         | BOTANICAL NAME                          | NOTES      |
|--------|-----------|-------------------------------------|---|------------|
| D      | S         | 'Celebration' Maple                 | <i>Acer x freemanii</i>                 | CH, LB, SR |
| D      | S         | 'Autumn Blaze' Maple                | <i>Acer x freemanii</i>                 | CH, LB, SR |
| C      | S         | State Street Maple                  | <i>Acer miyabei</i> 'State Street'      | FZ         |
| C      | S         | 'Norway' Maple                      | <i>Acer platanoides</i>                 | SS, SC     |
| D      | S         | Sugar Maple species                 | <i>Acer saccharum</i>                   | CH         |
| F      | S         | Silver Maple                        | <i>Acer saccharinum</i>                 | LB, SR     |
| F      | S         | Tree of Heaven                      | <i>Ailanthus altissima</i>              | M          |
| C      | O         | Birch                               | <i>Betula species</i>                   | BOR, CH    |
| C      | O         | European Hornbeam                   | <i>Carpinus betulus</i>                 | EX         |
| F      | S         | Russian Olive                       | <i>Elaeagnus angustifolia</i>           | NW, M      |
| EAB    | S         | Autumn Purple Ash/White Ash Species | <i>Fraxinus americana</i>               | BOR, EAB   |
| EAB    | S         | Black Ash                           | <i>Fraxinus nigra</i> 'Fallgold'        | BOR, EAB   |
| EAB    | S         | 'Green' Ash                         | <i>Fraxinus pennsylvanica</i>           | BOR, EAB   |
| D      | S         | Sunburst Honey Locust               | <i>Gleditsia triacanthos f. inermis</i> | SS, LB     |
| D      | S         | Black Walnut                        | <i>Juglans nigra</i>                    | BOR        |
| D      | O         | Mulberry Species                    | <i>Morus spp.</i>                       | FR, M      |
| D      | S         | Cottonwood species                  | <i>Populus species</i>                  | SR, LB     |
| F      | S         | White Poplar                        | <i>Populus alba</i>                     | LB, SR     |
| D      | S         | Aspen                               | <i>Populus tremuloides</i>              | MD, SR, SL |
| D      | O         | Bradford Pear                       | <i>Pyrus calleryana</i>                 | LB         |
| C      | S         | Red Oak                             | <i>Quercus rubra</i>                    | CH         |
| D      | S         | Black Locust                        | <i>Robinia pseudoacacia</i>             | BOR, SU    |
| F      | S         | Austree                             | <i>Salix matsudana x alba</i>           | LB, SR     |
| D      | S         | Willows                             | <i>Salix species</i>                    | LB, SR     |
| F      | O         | Tamarix or Salt Cedar               | <i>Tamarix ramosissima</i>              | NW         |
| D      | E         | Arborvitae species                  | <i>Thuja occidentalis</i>               | EX, FZ     |
| D      | S         | Frontier Elm                        | <i>Ulmus "Frontier"</i>                 | MI         |
| F      | S         | Siberian Elm                        | <i>Ulmus pumila</i>                     | MI, LB, MD |



"Someone's sitting in the shade  
 today because someone planted  
 a tree a long time ago."  
 ~Warren Buffett~



| SPECIAL NOTES |   |
|---------------|---|
| AN            | Anthraco-nose Issues                                  |
| BOR           | Severe Borer Issues                                   |
| CH            | Iron Chlorosis Issues                                 |
| EAB           | Eminent Emerald Ash Borer Threat                      |
| EX            | Does not do well with exposed sites, needs protection |
| FB            | Susceptible to Fire blight                            |
| FR            | Fruit   |
| FZ            | Susceptible to freeze damage                          |
| LB            | Prone to limb breakage                                |
| M             | Messy   |
| MD            | Multiple Disease Problems                             |
| MI            | Multiple Insect Problems                              |
| MP            | Minor Pest Issues that really don't harm the tree     |
| NW            | Noxious Weed in the State of Colorado                 |
| S             | Slow Grower   |
| SC            | Prone to leaf scorch in late summer                   |
| SL            | Short Lived   |
| SR            | Shallow Root System                                   |
| SS            | Prone to Sun Scald                                    |
| SU            | Prone to suckering                                    |
| XDT           | Xeric / Drought Tolerant                              |

| SPECIES RATING |   |
|----------------|---|
| "A"            | A highly recommended tree for Brighton. Trees on this list have minimal insect problems, and are well adapted for our soil and climate  |
| "B"            | Trees on list are generally recommended for Brighton. There may be <u>minor</u> problems associated with these species.   |
| "C"            | Trees on this list are suitable trees for Brighton but may have one or two <u>major</u> issues associated with the species.   |
| "D"            | Trees on this list are generally not recommended for most of Brighton's landscapes due to poor characteristics under most circumstances.  |
| "F"            | Trees on this list are not recommended whatsoever for Brighton. Trees on this list are either on the noxious weed list and/or cannot be found in the nursery trade due to their poor characteristics. |
| EAB            | Emerald Ash Borer Threat!   |



***Kentucky Coffeetree***



***Crimson Spire Oak***



***Tatarian Maple***