

APPENDIX C

The following plants were researched and approved by the Board of Directors and the Savannah Landscape Committee for optimal growth for the Denton Climate.

Recommended Grass

Bermuda
Fescue
Rye
St. Augustine
Zoysia

Recommended Trees: Large Shade and Canopy Trees

<u>COMMON NAME</u> (Botanical Name)	<u>Hardiness</u> <u>Wind Tolerance</u> <u>Drought Tolerance</u>	<u>Average Size</u> Growth Rate / Plant Type	<u>Minimum</u> <u>Planting Size</u>
Bald Cypress <i>(Taxodium distichum)</i>	Hardiness: Zone 4-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 60-80 ft. x 20-40 ft. wide Growth Rate: Fast Type: Deciduous	3” caliper, B&B or container
Bur Oak <i>(Quercus macrocarpa)</i>	Hardiness: Zone:3-9 Wind Tolerance: Medium Drought Tolerance: High	Avg. Size: 60-80 ft. tall & wide Growth Rate: Slow to Moderate Type: Deciduous	3” caliper, B&B or container
Chinese Pistache <i>(Pistacia chinensis)</i>	Hardiness: Zone: 6-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size:30-40 ft. tall x 20-30 ft. wide Growth Rate: Medium Type: Deciduous	3” caliper, B&B or container
Chinquapin Oak (seedless) <i>(Quercus muhlenbergii)</i>	Hardiness: Zone: 4-7 Wind Tolerance: Mod-High Drought Tolerance: Medium	Avg. Size: 40-60 ft. tall x 50-60 ft. wide Growth Rate: Slow to Medium Type: Deciduous	3” caliper, B&B or container
Cottonwood (seedless) <i>(Populus deltoidesa,</i> <i>var. ‘Siouxland’)</i>	Hardiness: Zone: 3-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 70-80 ft. tall x 30-40 ft. wide Growth Rate: Fast Type: Deciduous	3” caliper, B&B or container
Magnolia <i>(Magnolia grandiflora)</i> *Winter burn at zone 6	Hardiness: Zone: 6-9 Wind Tolerance: High Drought Tolerance: Mod-Hi	Avg. Size: 60-80 ft. tall x 30-45 ft. wide Growth Rate: Medium 1-2 ft/yr. Type: Evergreen	3” caliper, B&B or container
Pecan Tree <i>(Carya illinoensis)</i>	Hardiness: Zone: 5-9 Wind Tolerance: Medium Drought Tolerance: High	Avg. Size: 66-132 ft. tall x 40-75 ft. wide Growth Rate: Medium, 13-24 in/yr. Type: Deciduous. Hickory	3” caliper, B&B or container
Persimmon <i>(Diospyros virginiana)</i> American persimmon	Hardiness: Zone 4a-9b Wind Tolerance: High Drought Tolerance: High	Avg. Size:30-80 ft. x 20-35 ft. wide Growth Rate: 1 ft./year Type: Deciduous	3” caliper, B&B or container
Shumard Red Oak <i>(Quercus shumardii)</i>	Hardiness: Zone: 5b-9 Wind Tolerance: Resistant Drought Tolerance: High	Avg. Size: 80-100 ft. tall x 50-60 wide Growth Rate: Moderate - Rapid Type: Deciduous	3” caliper, B&B or container
Sweetgum <i>(Liquidambar styraciflua)</i>	Hardiness: Zone: 5-9 Wind Tolerance: Medium Drought Tolerance: Medium	Avg. Size: 50-70 ft Growth Rate: Medium to Fast Type: Deciduous	3” caliper, B&B or container

Weeping Willow (<i>Salix babylonica</i>)	Hardiness: Zone: 6-8 Wind Tolerance: Good Drought Tolerance: Good	Avg. Size: 66-82 ft. Growth Rate: High/Rapid Type: Deciduous	3" caliper, B&B or container
Western** Soapberry (<i>Sapindus drummondii</i>)	Hardiness: Zone: 5-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 25-30 ft. tall x 10-20+ ft. wide Growth Rate: Medium Type: Deciduous	3" caliper, B&B or container

Note:

*Magnolia subject to winter burn at zone 6.

**Western Soapberry enhances landscapes twice a year with both Spring and Fall colors and with flowers. It is a tough medium-sized tree, well suited to smaller yards, establishes well, and is easy to grow and maintain.

Recommended Evergreen Trees

<u>COMMON NAME</u> (Botanical Name)	<u>Hardiness</u> <u>Wind Tolerance</u> <u>Drought Tolerance</u>	<u>Average Size</u> Growth Rate / Plant Type	<u>Minimum</u> <u>Planting Size</u>
Taylor Juniper (<i>Juniperus virginiana 'Taylor'</i>)	Hardiness: Zone: 5-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 15-20 ft. Growth Rate: Fast Type: Evergreen	3" caliper, B&B or container
Spartan Juniper (<i>Juniperus chinensis 'Spartan'</i>)	Hardiness: Zone: 4-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size 12-15 ft. Growth Rate: Fast Type: Evergreen	3" caliper, B&B or container

Ornamental and Small Canopy Tree Recommendation Plant List

<u>COMMON NAME</u> (Botanical Name)	<u>Hardiness</u> <u>Wind Tolerance</u> <u>Drought Tolerance</u>	<u>Average Size</u> Growth Rate / Plant Type
Aristocrat Pear ¹ (<i>Pyrus calleryana 'Aristocrat'</i>)	Hardiness: Zone: 5-9 Wind Tolerance: Medium Drought Tolerance: High	Avg. Size: 25-35 ft. tall Growth Rate: Fast Type: Deciduous
Crape-myrtle (<i>Lagerstroemia indica</i>)	Hardiness: Zone: 6-10 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 3-25 ft. tall Growth Rate: Medium Type: Deciduous
Natchez Crape-myrtle (<i>Lagerstroemia indica 'Natchez White'</i>)	Hardiness: Zone: 6-10 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 20-30 ft. tall Growth Rate: Fast Type: Deciduous
Mexican Redbud ² (<i>Cercis canadensis 'mexicana'</i>)	Hardiness: Zone: 5-9 Wind Tolerance: Medium Drought Tolerance: High	Avg. Size: 10-15 ft. tall Growth Rate: Medium Type: Deciduous
Royal Purple Smoke Tree (<i>Continus coggyria 'Royal Purple'</i>)	Hardiness: Zone: 5-8 Wind Tolerance: Medium Drought Tolerance: Medium	Avg. Size: 10-15 ft. tall Growth Rate: Fast Type: Deciduous
Savannah Holly (tree shape) (<i>Ilex opaca 'Savannah'</i>)	Hardiness: Zone: 6-9 Wind Tolerance: Medium Drought Tolerance: High	Avg. Size: 25-30 ft. tall Growth Rate: Fast Type: Evergreen
Shantung maple ³ (<i>Acer truncatum</i>)	Hardiness: Zone: 4-8 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 15-25 ft. tall Growth Rate: Medium Type: Deciduous

Sweetbay Magnolia ⁴ (<i>Magnolia virginiana</i> , 'Henry Hicks' or 'Appalachian')	Hardiness: Zone: 5-10 Wind Tolerance: High Drought Tolerance: Medium-High	Avg. Size: 10-20+ ft. tall Growth Rate: Moderate Type: Evergreen
Vitex, Chase Tree ⁵ (<i>Vitex agnus-castus</i>)	Hardiness: Zone: 6-9 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 10-15 ft. tall Growth Rate: Fast Type: Deciduous
Wax Myrtle ⁵ (<i>Myrica cerifera</i>)	Hardiness: Zone: 6b-10 Wind Tolerance: High Drought Tolerance: High	Avg. Size: 10-15 ft. tall (Dwarf grows to 6ft) Growth Rate: Fast Type: Evergreen

Note:

1. Aristocrat Pear: Due to its fast growth rate and medium wind tolerance, the Aristocrat Pear needs to be pruned regularly.
2. This Mexican Redbud variety meets local hardiness requirements and is recommended over other more weather-challenged Redbud varieties.
3. Shantung maple (*Acer truncatum*) is recommended over Japanese Maple because of its high cold, wind, and drought tolerance. Shantung maple is a designated Texas Superstar tree.
4. Sweetbay Magnolia was added to the recommendation list because it is a smaller and more hardy magnolia which may better fit in small areas.
5. Vitex (Chase Tree), and the Wax myrtle trees are recommended because of their winter hardiness and their wind/drought tolerance. Both the Vitex and the Wax myrtle must be pruned as a tree or they become shrub-like.

Recommended Shrubs

<u>COMMON NAME</u> (Botanical Name)	<u>Zone</u>
Abelia (all varieties) (<i>Abelia Grandiflora</i>)	5-9
Anthony Waterer Spirea (<i>Spiraea bumalda</i> 'Anthony Waterer')	4-8
Armstrong Juniper	3b-9
Bridal Wreath Spiraea	4-9
Boxwood (check variety) (<i>Buxus</i>)	5-9
Columnar Juniper	4-9
Compact Nandina	6-10
Cotoneaster	4-8
Crimson Pygmy Barberry (<i>Berberis thunbergii</i> 'Crimson')	4-8
Dwarf Crape-myrtle (<i>Lagerstroemia indica</i>)	6-10
Dwarf Yaupon Holly (<i>Ilex Vomitoria</i> 'Nana')	6-9
Foster Holly (<i>Ilex Attenuate</i> 'Foster')	6-9
Gulf Stream Nandina (<i>Nandina domestica</i> 'Gulf Stream')	6-11

Harbor Dwarf Nandina	6a-9
Nandina (Standard) <i>(Nandina domestica)</i>	6-9
Spirea (all varieties) <i>(Spiraea spp.)</i>	4-8
Sunshine Ligustrum	6-10
Texas Barberry <i>(Berberis swaseyi)</i>	4-8