

## **LEVEL 2 COMMUNITY ORGANIZATION TREE PLANTING PROGRAM**

The form below provides individual citizens and organizations with the opportunity to suggest a location for a tree planting project within Duval County that proposes to use funds from the City of Jacksonville Tree Protection and Related Expenses Trust Fund. If a citizen or organization is interested in suggesting a planting location for the City to implement, then use this form.

### **Requirements to utilize this program:**

1. The location of the proposed planting must be:
  - a. In Duval County; and
  - b. On public property, such as a road right-of-way; a local, state or national park; Duval County School Board property, etc.
2. The number of trees requested may not exceed 200.

### **Complete the following information below:**

1. Name/title of project:
2. Legal name of organization/citizen making suggestion:
3. Organization or citizen mailing address:
4. Contact phone number:  
Contact e-mail:
5. Location/address of planting project:
6. Has project information been shared with the Council Member of the district?
7. Rationale for project (include information about the public benefit of the project):
8. Description of project:

If a citizen/organization is interested in proposing a project that they want to administer and implement, a more comprehensive application (Level 3) can be found at the following link: <http://www.coj.net/departments/public-works/tree-commission>.

**\*\*To Be Completed By City of Jacksonville/Public Works Staff Only\*\***

## Level 2 - Community Organization Tree Planting Program Staff Checklist

Total number of trees to be installed \_\_\_\_\_

Project Title: \_\_\_\_\_

Project is to be planted on Public Land

Total number of trees to be removed \_\_\_\_\_

\_\_\_\_\_

Project is located in Duval County

|    | Activity  | Complete |
|----|---|----------|
| 1  | The species of trees are appropriately located.   |          |
| 2  | The number and placement of trees is appropriate.   |          |
| 3  | Trees being planted are approved pursuant to the ' <i>Tree Commission Approved Tree Planting List</i> .'                                  |          |
| 4  | Shade Trees are preferred; if non-shade trees are proposed, the use is appropriated/acceptable.   |          |
| 5  | Less than 25% of the total species of trees being planted are palms.  |          |
| 6  | The planting will not interfere with utilities or sight line requirements.  |          |
| 7  | The project does not include incidental landscaping. If so, the applicant must justify the reason for its inclusion.                      |          |
| 8  | Construction required? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, are costs reasonable?                             |          |
| 9  | Irrigation installed? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, are costs reasonable?                              |          |
| 10 | The cost of the species of trees selected do not outweigh the benefits of the trees.  |          |
| 11 | Low maintenance plants are utilized.  |          |
| 12 | Location of plant material and irrigation (if applicable) has minimum adverse impact over time on infrastructure such as walks and roads. |          |
| 13 | Species of trees being planted are beneficial to the City's tree canopy.  |          |
| 14 | The project provides unique benefit to the neighborhood, Council District, or City.   |          |
| 15 | The project has been reviewed with and meets the needs of the requesting entity.  |          |
| 16 | The Councilmember has been notified of the project.   |          |

|                  |
|------------------|
| <b>COMMENTS:</b> |
|                  |
|                  |

**TREE COMMISSION  
APPROVED TREE PLANTING LIST**

| Tree  | Right of Way | Parks | DCPS <sup>14</sup> | Height/Spread  | <sup>1</sup> Plan Canopy Diameter | <sup>2</sup> Foilage | <sup>3</sup> Light Required | <sup>4</sup> Soil Drainage | <sup>5</sup> Drought Tolerance | <sup>6</sup> Growth Rate | Soil Tolerance (pH)        | <sup>13</sup> IFAS FL Friendly |
|---|--------------|-------|--------------------|----------------|-----------------------------------|----------------------|-----------------------------|----------------------------|--------------------------------|--------------------------|----------------------------|--------------------------------|
| <b>SMALL TREES</b>  |              |       |                    |                |                                   |                      |                             |                            |                                |                          |                            |                                |
| American Hornbeam<br><i>Carpinus caroliniana</i>  | Y            | Y     |                    | 30-35'/ 25/30' | 20'                               | DECID                | FS/PS                       | WD                         | HIGH                           | SLOW                     | (4.2-7.6)                  | Y                              |
| Ashe Magnolia<br><i>Magnolia macrophylla ssp. ashei</i>   |              | Y     |                    | 20'            | 20'                               | DECID                | PSH, SH                     | OW                         | MOD                            | MOD                      | (4.8-7.5)                  |                                |
| Eastern Redbud<br><i>Cercis canadensis</i>  | Y            | Y     |                    | 15-30'/ 15-25' | 20'                               | DECID                | FS, PSH                     | WD                         | HIGH                           | RAPID                    | (4.2-7.6)                  | Y                              |
| Flatwoods Plum<br><i>Prunus umbellata</i>   | Y            | Y     |                    | 12 – 20'       | 20'                               | DECID                | FS,PSH                      | WD                         | MOD                            | MOD                      | (4.8-7.5)                  | Y                              |
| Crape Myrtle<br><i>Lagerstroemia indica var. Natchez, Muskogee, or Tuskegee), Standard or Multi-trunk</i> | Y            | Y     | Y                  | 15-20'/ 15-25' | 18'                               | DECID                | FS                          | WD                         | HIGH                           | MOD                      | (5.0-7.5)                  | Y                              |
| Hawthorn<br><i>Crataegus spp.</i>   |              | Y     | Y                  | 25'            | 25'                               | DECID                | FS,PSH                      | WD                         | HIGH                           | MOD                      | (4.8-7.5)                  | Y                              |
| Fringe Tree<br><i>Chionanthus virginicus</i>  | Y            | Y     |                    | 12-20'/ 10-15' | 10'                               | DECID                | FS, PSH, SH                 | WD                         | MOD                            | SLOW                     | (6.0-6.5)                  | Y                              |
| Little Gem Magnolia<br><i>Magnolia grandiflora 'Little Gem'</i>   | Y            | Y     |                    | 25-35'/ 8-10'  | 15'                               | E'GRN                | FS, PSH, SH                 | AW, WD                     | MOD                            | SLOW                     | (4.5-5.0) tolerant to 7.5  | Y                              |
| Yaupon Holly<br><i>Ilex vomitoria</i>   | Y            | Y     | Y                  | 15-25'/ 15-20' | 15'                               | E'GRN                | FS, PSH, SH                 | AW, WD                     | HIGH                           | SLOW                     | (4.5- 8.2)                 | Y                              |
| Wax-Leaf Ligustrum<br><i>Ligustrum japonicum</i>  | Y            | Y     | Y                  | 8-12'/ 15-25'  | 12'                               | E'GRN                | FS, PSH                     | WD                         | MOD                            | MOD                      | (5.5-7.5)                  | Y                              |
| <sup>8</sup> Wax Myrtle<br><i>Myrica cerifera</i>   | Y            | Y     | Y                  | 15-25'/ 20-25' | 20'                               | E'GRN                | FS, PSH, SH                 | W, WD                      | HIGH                           | RAPID                    | (5.5 -7.0) tolerant to 8.2 |                                |
| Walters Viburnum<br><i>Viburnum obovatum</i>  | Y            | Y     |                    | 8-25'/ 6-12'   | 10'                               | SEMI-E'GRN           | FS, SH                      | W, OW                      | HIGH                           | MOD                      | (5.0-7.5)                  | Y                              |
| <b>MEDIUM TREES</b>   |              |       |                    |                |                                   |                      |                             |                            |                                |                          |                            |                                |
| Athena Elm<br><i>Ulmus parvifolia 'Emer I'</i>  | Y            | Y     |                    | 45'/ 50'       | 30'                               | DECID                | FS                          | OW, WD                     | MOD                            | MOD                      | (4.8-7.5)                  |                                |
| Bosque Elm<br><i>Ulmus parvifolia 'Bosque'</i>  | Y            | Y     |                    | 45'/ 50'       | 30'                               | DECID                | FS                          | OW, WD                     | MOD                            | MOD                      | (4.8-7.5)                  |                                |
| <sup>12</sup> Drake Elm<br><i>Ulmus parvifolia 'Drake'</i>  | Y            | Y     |                    | 35-40'/ 35-50' | 30'                               | DECID                | FS, PSH                     | OW, WD                     | MOD                            | MOD                      | (4.8-7.5)                  |                                |
| Dahoon Holly<br><i>Ilex cassine</i>   | Y            | Y     | Y                  | 20-30'/ 8-12'  | 15'                               | E'GRN                | FS, PSH                     | W, OW                      | MOD                            | SLOW                     | (3.5-6.5)                  | Y                              |
| Eagleston Holly<br><i>Ilex attenuata 'Eagleston'</i>  | Y            | Y     | Y                  | 30-45'/ 15-25' | 20'                               | E'GRN                | FS, PSH                     | WD                         | MOD                            | MOD                      | (4.0-6.0) tolerant to 7.5  |                                |
| Japanese Blueberry Tree<br><i>Elaeocarpus decipiens</i>   | Y            | Y     |                    | 40'/ 40'       | 20'                               | E'GRN                | FS, PSH                     | WD                         | MOD                            | MOD                      | (4.0-6.0) tolerant to 7.5  | Y                              |
| Loquat<br><i>Eriobotrya japonica</i>  |              | Y     |                    | 20 - 30'       | 30'                               | DECID                | FS, PSH                     | WD                         | MOD                            | SLOW                     | (4.8-7.5)                  | Y                              |
| East Palatka Holly<br><i>Ilex attenuata 'East Palatka'</i>  | Y            | Y     | Y                  | 30-45'/ 15-25' | 20'                               | E'GRN                | FS, PSH                     | WD                         | MOD                            | MOD                      | (4.0-6.0) tolerant to 7.5  | Y                              |
| Sand Pine<br><i>Pinus clausa</i>  |              | Y     |                    | 25 – 40'       | 15 – 25'                          | E'GRN                | FS, PSH                     | WD                         | HIGH                           | SLOW                     | (4.8-7.5)                  | Y                              |
| Sweetbay Magnolia<br><i>Magnolia virginiana</i>   | Y            | Y     |                    | 40 - 50'       | 40'                               | DECID                | FS,PSH                      | OW, WD                     | MOD                            | MOD                      | (4.8-7.5)                  | Y                              |

**TREE COMMISSION  
APPROVED TREE PLANTING LIST**

| Tree   | Right of Way | Parks | DCPS <sup>14</sup> | Height/Spread   | <sup>1</sup> Plan Canopy Diameter | <sup>2</sup> Foliage | <sup>3</sup> Light Required | <sup>4</sup> Soil Drainage | <sup>5</sup> Drought Tolerance | <sup>6</sup> Growth Rate | Soil Tolerance (pH)              | <sup>13</sup> IFAS FL Friendly |
|--|--------------|-------|--------------------|-----------------|-----------------------------------|----------------------|-----------------------------|----------------------------|--------------------------------|--------------------------|----------------------------------|--------------------------------|
| Southern Red Cedar<br><i>Juniperus silicola</i>      | Y            | Y     |                    | 30-40'/ 20-30'  | 20'                               | E'GRN                | FS, PSH                     | WD                         | HIGH                           | SLOW                     | (5.5-7.5)<br>tolerant to 8.0     | Y                              |
| American Hophornbeam<br><i>Ostrya virginiana</i>     | Y            | Y     |                    | 30 – 40'        | 25 – 30'                          | DECID                | FS, PSH, SH                 | WD                         | MOD                            | MOD                      | (3.5-6.5)                        | Y                              |
| <sup>8</sup> River Birch<br><i>Betula nigra</i>      | Y            | Y     | Y                  | 40-50'/ 25-35'  | 20'                               | DECID                | FS, PSH                     | W, OW                      | LOW                            | RAPID                    | (4.0-6.5)<br>tolerant to <4.0    | Y                              |
| Winged Elm<br><i>Ulmus alata</i>                     | Y            | Y     |                    | 40-50'/ 30-40'  | 30'                               | DECID                | FS, PSH                     | OW, WD                     | LOW                            | MOD                      | (5.0-7.0)<br>tolerant to 8.0     | Y                              |
| <b><sup>10</sup> LARGE TREES</b>                     |              |       |                    |                 |                                   |                      |                             |                            |                                |                          |                                  |                                |
| Allee Elm<br><i>Ulmus parvifolia</i> 'Emer II'       | Y            | Y     |                    | 75'/ 60'        | 30'                               | DECID                | FS                          | OW, WD                     | MOD                            | MOD                      | (4.8-7.5)                        |                                |
| Bald Cypress<br><i>Taxodium distichum</i>            | Y            | Y     | Y                  | 60-80'/ 25-30'  | 25'                               | DECID                | FS, PSH                     | W, OW, WD                  | MOD                            | RAPID                    | (4.0 to 6.0),<br>tolerant to 7.5 | Y                              |
| Hickory<br><i>Carya sp.</i>                          |              | Y     |                    | 50 - 60'        | 35'                               | DECID                | FS, PSH                     | WD                         | MOD                            | SLOW                     | (4.8-7.5)                        | Y                              |
| Blackgum<br><i>Nyssa sylvatica</i>                   | Y            | Y     |                    | 75'/ 25-30'     | 30'                               | DECID                | FS, PSH, SH                 | W, OW, WD                  | HIGH                           | SLOW                     | (6.0-7.0)                        | Y                              |
| Catalpa<br><i>Catalpa bignonioides</i>               |              | Y     | Y                  | 60'/40-60'      | 35'                               | DECID                | FS, PSH                     | W, OW, WD                  | MOD                            | RAPID                    | (4.5-6.0)                        |                                |
| <sup>7</sup> Live Oak<br><i>Quercus virginiana</i>   | Y            | Y     | Y                  | 60-80'/ 60-120' | 50'                               | E'GRN                | FS, PSH                     | OW, WD                     | HIGH                           | MOD                      | (4.5-6.5)<br>tolerant to 8.0     | Y                              |
| Swamp Chestnut Oak<br><i>Quercus michauxii</i>       | Y            | Y     | Y                  | 60-70'/ 30-50'  | 35'                               | DECID                | FS, PSH                     | W, OW, WD                  | LOW                            | MOD                      | (4.5-6.0)                        | Y                              |
| Overcup Oak<br><i>Quercus lyrata</i>                 | Y            | Y     | Y                  | 35-50'/ 30-50'  | 35'                               | DECID                | FS, PSH                     | W, OW, WD                  | LOW                            | MOD                      | (4.5-6.0)                        | Y                              |
| Laurel Oak<br><i>Quercus laurifolia</i>              | Y            | Y     | Y                  | 60'/40-60'      | 35'                               | DECID                | FS, PSH                     | W, OW, WD                  | MOD                            | RAPID                    | (4.5-6.0)                        |                                |
| Nuttall Oak<br><i>Quercus nuttallii</i>              | Y            | Y     | Y                  | 60-80'/ 35-50'  | 35'                               | DECID                | FS                          | OW, WD                     | LOW                            | MOD                      | (4.5-5.5)                        | Y                              |
| Shumard Oak<br><i>Quercus shumardii</i>              | Y            | Y     | Y                  | 80'/50-60'      | 35'                               | DECID                | FS, PSH                     | W, OW, WD                  | HIGH                           | RAPID                    | (4.5-5.5)                        | Y                              |
| Persimmon<br><i>Diospyros virginiana</i>             |              | Y     |                    | 30 - 60'        | 30'                               | DECID                | FS, PSH                     | WD                         | MOD                            | SLOW                     | (3.5-6.5)                        |                                |
| <sup>8</sup> Red Maple<br><i>Acer rubrum</i>         | Y            | Y     | Y                  | 60-75'/ 25-35'  | 30'                               | DECID                | PSH                         | W, OW                      | LOW                            | MOD                      | (5.4-7.1)                        | Y                              |
| Loblolly Bay<br><i>Gordonia lasianthus</i>           |              | Y     |                    | 70'             | 20'                               | E'GRN                | FS,PSH                      | W, OW, WD                  | MOD                            | MOD                      | (4.8-7.5)                        | Y                              |
| Leyland cypress<br><i>Curpressocyparis leylandii</i> | Y            | Y     |                    | 30-40'/ 20-30'  | 20'                               | E'GRN                | FS, PSH                     | WD                         | HIGH                           | SLOW                     | (5.5-7.5)<br>tolerant to 8.0     | Y                              |
| Slash Pine<br><i>Pinus elliotii</i>                  |              | Y     |                    | 60-80'/ 30-40'  | 20'                               | E'GRN                | FS, PSH                     | OW, WD                     | HIGH                           | RAPID                    | (4.5-7.0)                        | Y                              |
| Long Leaf Pine<br><i>Pinus palustris</i>             | Y            | Y     |                    | 60-80'/ 30-40'  | 20'                               | E'GRN                | FS                          | WD                         | HIGH                           | MOD                      | (4.5-7.0)                        | Y                              |
| Southern Magnolia<br><i>Magnolia grandiflora</i>     | Y            | Y     |                    | 30-100'/ 20-40' | 30'                               | E'GRN                | FS, PSH                     | OW, WD                     | MOD                            | MOD                      | (5.5-6.5)<br>tolerant to 7.5     | Y                              |
| Sweetgum<br><i>Liquidambar straciflua</i>            | Y            | Y     | Y                  | 60-75'/ 35-50'  | 30'                               | DECID                | FS, PSH                     | W, OW                      | LOW                            | MOD                      | (4.5-7.0)<br>tolerant to 7.5     | Y                              |

**TREE COMMISSION  
APPROVED TREE PLANTING LIST**

| Tree  | Right of Way | Parks | DCPS <sup>14</sup> | Height/Spread   | <sup>1</sup> Plan Canopy Diameter | <sup>2</sup> Foilage | <sup>3</sup> Light Required | <sup>4</sup> Soil Drainage | <sup>5</sup> Drought Tolerance | <sup>6</sup> Growth Rate | Soil Tolerance (pH)           | <sup>13</sup> IFAS FL Friendly |
|---|--------------|-------|--------------------|-----------------|-----------------------------------|----------------------|-----------------------------|----------------------------|--------------------------------|--------------------------|-------------------------------|--------------------------------|
| Sycamore<br><i>Platanus occidentalis</i>                              | Y            | Y     |                    | 75-90'/ 50-70'  | 30'                               | DECID                | FS                          | W, OW, WD                  | MOD                            | RAPID                    | (4.9-6.5), tolerant up to 8.0 | Y                              |
| Tulip Poplar<br><i>Liriodendron tulipifera</i>                        | Y            | Y     |                    | 80-100'/ 30-50' | 30'                               | DECID                | FS,PSH                      | OW, WD                     | MOD                            | RAPID                    | (4.5-6.5) tolerant up to 7.5  | Y                              |
| <sup>8</sup> Weeping Willow<br><i>Salix babylonica</i> or <i>alba</i> |              | Y     |                    | 45-70'/4 5-70'  | 30;                               | DECID                | FS,PSH                      | OW, WD                     | MOD                            | RAPID                    | (4.5-7.5)                     |                                |
| <b>PALMS</b>  |              |       |                    |                 |                                   |                      |                             |                            |                                |                          |                               |                                |
| Washington Palm<br><i>Washingtonia robusta</i>                        | Y            | Y     |                    | 60-100'/ 10-15' | 12'                               | E'GRN                | FS, PSH                     | OW, WD                     | HIGH                           | RAPID                    | (5.5-7.5) tolerant up to 8.0  | Y                              |
| Cabbage Palm<br><i>Sabal palmetto</i>                                 | Y            | Y     | Y                  | 40-50'/ 10-12'  | 10'                               | E'GRN                | FS                          | OW, WD                     | HIGH                           | MOD                      | (6.0-6.8) tolerant up to 8.0  | Y                              |
| Ribbon Palm<br><i>Livistona decipiens</i>                             | Y            | Y     |                    | 30-50'/ 18-25'  | 15'                               | E'GRN                | FS                          | WD                         | HIGH                           | MOD                      | (5.5-7.5)                     |                                |

**TREE COMMISSION  
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| Tree | Right of Way | Parks | DCPS <sup>14</sup> | Height/Spread | <sup>1</sup> Plan Canopy Diameter | <sup>2</sup> Foilage | <sup>3</sup> Light Required | <sup>4</sup> Soil Drainage | <sup>5</sup> Drought Tolerance | <sup>6</sup> Growth Rate | Soil Tolerance (pH) | <sup>13</sup> IFAS FL Friendly |
|------|--------------|-------|--------------------|---------------|-----------------------------------|----------------------|-----------------------------|----------------------------|--------------------------------|--------------------------|---------------------|--------------------------------|
|------|--------------|-------|--------------------|---------------|-----------------------------------|----------------------|-----------------------------|----------------------------|--------------------------------|--------------------------|---------------------|--------------------------------|

**LEGEND**

<sup>1</sup> Draw each tree symbol on the landscape plan to the diameter shown above to match the normal mature (20 year) canopy of each tree species. Do not overlap tree canopies of different species (ie, do not show the canopy circle of a sun loving crape myrtle overlapping the mature canopy circle of a live oak). However, tree canopy circles of the same species can overlap to create tree clusters or to create a solid, closely spaced row of trees. Also, new understory trees can be shown under existing shade trees if existing trees have high branching.

<sup>2</sup> Foilage: DECID = Deciduous, E'GRN = Evergreen

<sup>3</sup> Light Requirement: FS = Full Sun, PSH = Partial Shade (2-5 hrs. of sun or filtered sun), SH = Full Shade (<2 hrs. sun)

<sup>4</sup> Soil Drainage: W=Always Wet (soil saturated for more than several days during growing season), OW=occasionally Wet (Soil saturated for several days during several days of growing season), WD=Well Drained

<sup>5</sup> Drought Tolerance: HIGH=High (no watering required once well established), MOD= Moderate (occasional watering required during dry periods in growing season), LOW= Low (frequent watering required during dry periods of growing season)

<sup>6</sup> Growth Rate: SLOW=Slow (<1ft/ yr.), MOD=Moderate (1-2 ft/ yr.), FAST=Fast (>2ft/ yr.)

<sup>7</sup> Use Live Oak cultivars (Q. v. 'SDLN' ('Cathedral' Live Oak) or Q. v. 'QVTIA' ('Highrise' Live Oak)) in medians when a single row of oaks with uniform spacing is desired. Use 'Highrise' Oak where oaks are near overhead power lines. Use common live oak for informal groupings.

<sup>8</sup> **Limit use of River Birch, Red Maple, and Weeping Willow** to clusters around retention ponds and in areas of R.O.W. undisturbed by construction. Do not use in medians or within 20' of pavement. These trees don't do well in alkaline conditions generally found near pavement. Because River Birch and Willows have a short life span, use these tree sparingly. Generally, cluster with longer lived tree types.

<sup>9</sup> **Use Wax Myrtle** only in mass planting for visual screening and transition into natural areas.

<sup>10</sup> Provide 6'-8' minimum between Large Trees and pavement, curbs and other structures.

<sup>11</sup> Trees not on the above approved list may be considered for approval by the Tree Commission. ([www.coj.net/departments/public-works/tree-commission](http://www.coj.net/departments/public-works/tree-commission))

<sup>12</sup> Because of weeping nature of Drake Elm, limit use to medians 30' wide or greater, measured from the edge of travel lane (i.e. two 1.5' curb & gutter & 27' grassed median) and where the tree can be set back 15' from the travel lane, if planted on the side of the street.

<sup>13</sup> The definition of **Florida-Friendly Landscaping™** in Florida Statutes section 373.185 (adopted in 2009 in Senate Bill 2080) addresses "quality landscapes that conserve water, protect the environment, are adaptable to local conditions, and are drought tolerant. The principles of such landscaping include planting the right plant in the right place, efficient watering, appropriate fertilization, mulching, attraction of wildlife, responsible management of yard pests, recycling yard waste, reduction of stormwater runoff, and waterfront protection. Additional components include practices such as landscape planning and design, soil analysis, the appropriate use of solid waste compost, minimizing the use of irrigation, and proper maintenance."

<sup>14</sup> **DCPS=Duval County Public Schools.** When landscaping on Public Educational Facilities in Florida (including colleges and universities), please refer to **State Requirements for Educational Facilities** manual for a comprehensive description of planting standards at [www.flrules.org](http://www.flrules.org).