

# Celebrate Trees at Home

## Benefits of Trees

### Trees Shade & Cool

Shade from trees reduces the need for air-conditioning in summer. Well placed trees can reduce summer air-conditioning costs by 15 to 30 percent.



### Trees Act as Windbreaks

In winter, trees break the force of cold winter winds. An effective windbreak can lower heating bills up to 30 percent.

### Trees Help Increase Property Values

Prepare a planting area as deep as the root ball and 3-5 times its diameter by loosening the soil.

### Trees protect soil.

By holding soil in place with their root system and adding nutrients each fall with their leaves, trees are crucial to sustaining and replenishing our soil.

### Trees help us breathe easier.

Trees clean the air and return pure oxygen.

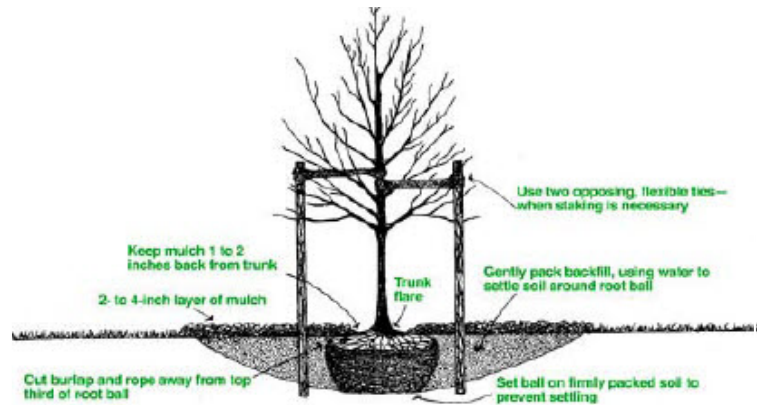
### Trees fight climate change.

Planting trees helps offset greenhouse gases.

### Trees clean our water and air.

From air pollutants to pesticides and fertilizer runoff, trees absorb many harmful pollutants.

## How to Plant Your Tree



**If a tree is planted correctly, it will grow faster and live longer than one that is planted incorrectly.**

1. Select a site with enough room for roots and branches to reach full size. Avoid overhead and underground utilities.
2. Prepare a planting area as deep as the root ball and 3-5 times its diameter by loosening the soil.
3. Dig a hole in the middle of the area and set the root ball even with the ground level. Be careful not to plant your tree too deep. Always handle your tree by the ball, not the trunk or branches.
4. Backfill the hole. Tamp the soil and water to remove air pockets. Be sure your tree is planted straight.
5. Stake your tree only if it is unable to stand up to high wind, or is in danger of vandalism.
6. Spread a 2-4" layer of mulch on entire area, but not within 1-2" of the tree trunk.
7. Water well when planted. Take care of your tree by watering it weekly, two times a week if no rain.
8. Ask a nursery professional for any further care instructions for your specific tree.

## Celebrate Trees at Home: Tree Coupon

**\$10 off the purchase of any tree valued at \$25 or more at the following locations:**

Daniel's Lawn & Garden  
4900 Colley Avenue  
Norfolk, VA 23508  
(757) 423-7332

Gardens in a Flower Pot  
941 W Little Creek Road  
Norfolk, VA 23518  
(757) 489-8972

Tanner's Creek Garden Center  
110 LaValette Avenue  
Norfolk, VA 23504  
757-625-2044

Bizzy "B" LawnCare & Landscaping  
8459 Chesapeake Boulevard  
Norfolk, VA 23518  
(757) 439-8380

**Terms of Coupon:** This coupon is worth \$10 off the purchase of one tree from the above listed nursery & garden center retailers. For a list of trees that thrive in Norfolk's environment, visit <http://celebratetrees.norfolk.gov>. The tree must have a pre-discount retail rate of at least \$25. The \$10 discount will be taken at the register at the time of sale. This coupon is for retail sales only, wholesale tree sales do not qualify.

Coupon valid October 1, 2010 through March 1, 2011.

For more information, visit <http://celebratetrees.norfolk.gov> or find Celebrate! Trees on Facebook and Twitter

# Recommended Trees

Common Name	Botanical Name	Native/ Non-Native	Mature Height
<b>Small</b>			
Eastern Redbud	<i>Cercis canadensis</i>	Native	Less Than 30'
Fringe Tree	<i>Chionanthus virginicus</i>	Native	Less Than 30'
Dogwood	<i>Cornus florida</i>	Native	Less Than 30'
Kousa Dogwood	<i>Cornus kousa</i>	Non-Native	Less Than 30'
American Smoketree	<i>Cotinus obovatus</i>	Native	Less Than 30'
Witchhazel	<i>Hamamelis virginiana</i>	Native	Less Than 30'
Crape Myrtle	<i>Lagerstroemia indica</i>	Non-Native	Less Than 30'
Sweetbay Magnolia	<i>Magnolia virginiana</i>	Native	Less Than 30'
Saucer magnolia	<i>Magnolia X soulangiana</i>	Non-Native	Less Than 30'
Prariefire Flowering Crabapple	<i>Malus 'prariefire'</i>	Native	Less Than 30'
Tree Lilac	<i>Syringa japonica</i>	Non-Native	Less Than 30'
Trident Maple	<i>Acer buergeranum</i>	Non-Native	Less Than 30'
Japanese Snowbell	<i>Styrax japonicus</i>	Non-Native	Less Than 30'
<b>Medium to Large</b>			
Black Gum	<i>Nyssa sylvatica</i>	Native	40 to 100'
Willow Oak	<i>Quercus phellos</i>	Native	40 to 100'
Northern Red Oak	<i>Quercus rubra</i>	Native	40 to 100'
Southern Red Oak	<i>Quercus falcata</i>	Native	40 to 100'
Swamp White Oak	<i>Quercus bicolor</i>	Native	40 to 100'
Southern Live Oak	<i>Quercus virginiana</i>	Native/Introduced	40 to 100'
Overcup Oak	<i>Quercus lyrata</i>	Native	40 to 100'
Hedge Maple	<i>Acer campestre</i>	Non-Native	40 to 100'
American Elm	<i>Ulmus americana 'Princeton' or 'Valley Forge'</i>	Native	40 to 100'
Winged Elm	<i>Ulmus alata</i>	Native	40 to 100'
Japanese Stewartia	<i>Stewartia pseduocamellia</i>	Non-Native	40 to 100'
American Persimmon	<i>Diospyros virginiana</i>	Native	40 to 100'
Bald Cypress	<i>Taxodium distichum</i>	Native	40 to 100'
Pond Cypress	<i>Taxodium ascendens</i>	Native	40 to 100'
Sourwood	<i>Oxydendron arboreum</i>	Native	40 to 100'
<b>Windbreakers or Ornamental</b>			
Atlantic White Cedar	<i>Chamaecyparis thyoides</i>	Native	
American Holly	<i>Ilex opaca</i>	Native	
Southern Magnolia	<i>Magnolia grandiflora</i>	Native	
Loblolly Pine	<i>Pinus taeda</i>	Native	
Longleaf Pine	<i>Pinus palustris</i>	Native	
Cabbage Palm	<i>Sabal palemetto</i>	Introduced	
Mediterranean Fan Palm	<i>Chamaerops humilis</i>	Non-Native	
American Arborviate	<i>Thuja occidentalis</i>	Native	

# Partners



Archbell Signs

Chesapeake Bay Foundation

Elizabeth River Project

Friends of Norfolk's Environment

Keep Norfolk Beautiful

National Fish and Wildlife Foundation

Norfolk Botanical Gardens

Norfolk Portsmouth Bar Association

Norfolk Public Schools

Norfolk Redevelopment & Housing Authority

Tag-Ink

The National Arbor Day Foundation