

Free Trees in the Critical Area



Critical Area Reforestation Application

The Calvert County Critical Area Program, implemented in December 1988, requires the County to maintain 100% of existing forest cover within the Critical Area (land within 1,000 feet of tidal waters). When maintenance or replacement of forest cover on site is not possible, a fee is collected to cover the cost of replacement on another tract within the critical area. These fees-in-lieu of replanting are held in the Critical Area Reforestation Fund and subsequently used to plant appropriate sites. The Critical Area Reforestation Evaluation (CARE) Committee reviews all applications for reforestation or tree planting using the Critical Area Reforestation Fund.

The reforestation application is for any critical area property owner who has an area on their property they would like to replant with trees to help the County maintain its 100% forest-cover goal.

1. Trees will be supplied and planted for all approved applications, absolutely free, in the following cases.

- (a) For all sites greater than one acre.
- (b) For sites smaller than one acre which require more than 10 sapling-sized trees.
- (c) For sites smaller than one acre, which require less than 10 sapling-sized trees, the applicant will have to justify request.

2. Priority will be given to reforestation sites greater than one acre and sites within 100 feet of tidal water.

3. The following sizes of trees will be available:

- (a) Tree seedlings -- seedlings are normally 18-24 inches tall, planted bare-root, and can be used for planting sites greater than 1 acre and planted on 10-ft. centers (430 seedlings per acre).
- (b) Tree saplings-- saplings are normally 4-8 feet tall, planted with a balled and burlapped root-ball, typically used for planting sites smaller than one acre, and planted on 20-ft. centers.
- (c) Shrubs – 3-gallon container and spaced 6-12 ft on center.

4. Native tree and shrub species from the approved *Calvert County Native Plants* can be provided through this program. **Species availability varies from year to year.** Shrub species will be considered for up to 15 percent of total application request. Non-native species are discouraged. Invasive species are not allowed. The CARE committee must approve all applications

5. Proposals will also be accepted for the following types of reforestation projects:

- (a) Projects that improve water quality or create, improve or restore fish, wildlife or plant habitat.
- (b) Education or public information activities that create awareness and understanding of the County Critical Area Program.
- (c) Urban Forestry

6. As every reforestation site is different, exceptions to these general requirements can be made if determined necessary by the CARE Committee. Complete the reforestation application and use additional sheets as required to explain your project.

CRITICAL AREA REFORESTATION APPLICATION

***** Deadline for submission is November 1, for Spring planting*****

**** Deadline for submission is May 1, for Fall planting ****

NAME _____ PHONE(H) _____

ADDRESS _____ PHONE(W) _____

CITY _____ STATE _____ ZIP _____

TAX MAP# _____ PARCEL # _____ LOT # __

Please check the approximate size of your reforestation site - one (1) acre is an area approximately 200 feet x 200 feet, or 40,000 square feet):

less than 1/2 acre less than 1 acre _____ between 1 acre and 5 acres _____ greater than 5 acres

Is your reforestation site:

_____ Within 100 feet of tidal water? _____ Within 1,000 feet of tidal water (within Critical Area)?

(If outside of the Critical Area, your application will not qualify)

Is your reforestation site (check all that apply):

_____ Abandoned pasture/fields? _____ Homesite lawn area? _____ Community open space?

_____ Steeply sloping land? _____ Adjacent to streams or wetlands?

Please indicate the species (type of tree) and **quantity** for each below.

On a separate sheet of paper, please draw an approximate map of your property and indicate the location of where you wish to plant your trees and the species of trees. **Each application is required to have a planting plan and cannot be considered without one.** Changes can be made to these plans prior to planting time if necessary.

I agree to maintain all trees received and planted through this program for 10 years.

Signed _____ Date _____

Return Application to: Critical Area Reforestation Planner
Department of Planning & Zoning
150 Main Street, County
Services Plaza Prince Frederick,
MD 20678

Critical Area Reforestation Process

1. The property owner or authorized agent submits an application for **Free Trees in the Critical Area** to the Department of Planning & Zoning. Specify the species (type) of trees and shrubs and the quantity for each species.
http://www.co.cal.md.us/assets/Planning_Zoning/P&ZForms/Reforestationapplicationwtreelist080710.pdf
2. **Attach a planting plan showing the planting location for each tree and shrub requested.** The application deadline is November 1 for a spring planting and May 1 for a fall planting.
3. The Critical Area Reforestation Evaluation (CARE) committee meets to review and approve the applications (December for spring planting & June for fall planting).
4. After CARE committee approval, the County advertises the project, solicits bids and awards the contract (during a 2-3 month time period). Once the County advertises the project, the quantity and species of plants can't be changed by the applicant.
5. The Critical Area Reforestation Planner (Robin Munnikhuysen) will notify each applicant approximately 1 month before planting with a tentative planting time. The spring planting usually occurs in early May and the fall planting in mid November.
6. Prior to planting time, the Reforestation Planner will deliver to pin flags labeled with the trees and shrubs to be planted (~2-ft. in height & neon pink) to each site.
7. Prior to planting time, each property must be flagged by the applicant to identify the planting location for each tree and shrub as per the approved planting plan. If flagged plant locations vary from the planting plan, please notify the Reforestation Planner prior to planting date.
8. Prior to planting, the contractor will notify each applicant as to planting day and time (ideally at least 2-3 days but subject to change).
9. The Reforestation Planner will inspect the plant material and installation for each site.
10. The County provides free plant material and installation (including mulch). The property owner is responsible for watering and maintaining the plants as instructed for at least 10 years.
11. Please contact the Critical Area Reforestation Planner (410-535-1600, ext. 2502) if you have any questions.

CALVERT COUNTY NATIVE PLANTS

Large Canopy Trees (Size: 2-inch caliper in size spaced 20-40 ft. on center)		
Common Name	Species	
Box Elder	<i>Acer negundo</i>	
Red Maple	<i>Acer rubrum</i>	
Silver Maple	<i>Acer saccharinum</i>	
River Birch	<i>Betula nigra</i>	
Bitternut Hickory	<i>Carya cordiformis</i>	
Pignut Hickory	<i>Carya glabra</i>	
Shagbark Hickory	<i>Carya ovata</i>	
Mockernut Hickory	<i>Carya tomentosa</i>	
Common Hackberry	<i>Celtis occidentalis</i>	
American Beech	<i>Fagus grandifolia</i>	
Black Walnut	<i>Juglans nigra</i>	
Sweetgum	<i>Liquidambar styraciflua</i>	
Tulip Poplar	<i>Liriodendron tulipifera</i>	
American Crabapple	<i>Malus coronaria</i>	
Red Mulberry	<i>Morus rubra</i>	
Black Gum	<i>Nyssa sylvatica</i>	
Eastern Hophornbeam	<i>Ostrya virginiana</i>	
American Sycamore	<i>Platanus occidentalis</i>	
Black Cherry	<i>Prunus serotina</i>	
Choke Cherry	<i>Prunus virginiana</i>	
White Oak	<i>Quercus alba</i>	
Swamp White Oak	<i>Quercus bicolor</i>	
Scarlet Oak	<i>Quercus coccinea</i>	
Southern Red Oak	<i>Quercus falcata</i>	
Blackjack Oak	<i>Quercus marilandica</i>	
Chinkapin Oak	<i>Quercus muehlenbergii</i>	
Water Oak	<i>Quercus nigra</i>	
Pin Oak	<i>Quercus palustris</i>	
Willow Oak	<i>Quercus phellos</i>	
Chestnut Oak	<i>Quercus prinus</i>	
Northern Red Oak	<i>Quercus rubra</i>	
Post Oak	<i>Quercus stellata</i>	
Black Oak	<i>Quercus velutina</i>	
Black Willow	<i>Salix nigra</i>	
Bald Cypress	<i>Taxodium distichum</i>	
Basswood	<i>Tilia americana</i>	
American Elm	<i>Ulmus americana</i>	

CAL VERT COUNTY NATIVE PLANTS (cont.)

Understory Trees (Size: 1 ½-inch caliper in size spaced 15-25 ft. on center)		
Common Name	Species	
Downy Serviceberry	<i>Amelanchier arborea</i>	
Shadbush Serviceberry	<i>Amelanchier canadensis</i>	
Paw-Paw	<i>Asimina triloba</i>	
American Hornbeam	<i>Carpinus caroliniana</i>	
Chinquapin	<i>Castanea pumila</i>	
Eastern Redbud	<i>Cercis canadensis</i>	
White Fringetree	<i>Chionanthus virginicus</i>	
White Flowering Dogwood	<i>Cornus florida</i>	
Cockspur Hawthorn	<i>Crataegus crus-galli</i>	
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	
Southern Thorn	<i>Crataegus viridis</i>	
Common Persimmon	<i>Diospyros virginiana</i>	
Wild Crabapple	<i>Pyrus coronaria</i>	
Sassafras	<i>Sassafras albidum</i>	

Mixed Shrubs (Size: 1-3 gallon container – 2-4 ft. height spaced 6-12 ft. on center)		
Common Name	Species	
Smooth Alder	<i>Alnus serulata</i>	
Devil's Walking Stick	<i>Aralia spinosa</i>	
Red Chokeberry	<i>Aronia arbutifolia</i>	
Black Chokeberry	<i>Aronia melanocarpa</i>	
High-tide Bush	<i>Baccharis halimifolia</i>	
American Beautyberry	<i>Callicarpa americana</i>	
New Jersey Tea	<i>Ceanothus americanus</i>	
Buttonbush	<i>Cephalanthus occidentalis</i>	
Sweet Pepperbush	<i>Clethra alnifolia</i>	
Sweet Fern	<i>Comptonia peregrina</i>	
Silky Dogwood	<i>Cornus amomum</i>	
Red-Osier Dogwood	<i>Cornus sericea</i>	
Black Huckleberry	<i>Gaylussacia baccata</i>	
Dangleberry	<i>Gaylussacia frondosa</i>	
Witch Hazel	<i>Hamamelis virginiana</i>	
Winterberry	<i>Ilex verticillata</i>	

CAL VERT COUNTY NATIVE PLANTS (cont.)

Mixed Shrubs (Size: 3 gallon container – 2-3 ft. height spaced 6-12 ft. on center)		
Common Name	Species	Coverage (100 square feet)
Virginia Sweetspire	<i>Itea virginica</i>	
Marsh Elder	<i>Iva frutescens</i>	
Spicebush	<i>Lindera benzoin</i>	
Staggerbush	<i>Lyonia mariana</i>	
Northern Bayberry	<i>Morella pensylvanica</i>	
Coast Azalea	<i>Rhododendron atlanticum</i>	
Sweet Azalea	<i>Rhododendron canescens</i>	
Pinxterbloom	<i>Rhododendron periclymenoides</i>	
Swamp Azalea	<i>Rhododendron viscosum</i>	
Shining Sumac	<i>Rhus copallina</i>	
Sweet Sumac	<i>Rhus glabra</i>	
Staghorn Sumac	<i>Rhus hirta</i>	
Pasture Rose	<i>Rosa carolina</i>	
Swamp Rose	<i>Rosa palustris</i>	
Prairie Willow	<i>Salix humilis</i>	
Common Elderberry	<i>Sambucus canadensis</i>	
Steeplebush	<i>Spiraea tomentosa</i>	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	
Deerberry	<i>Vaccinium stamineum</i>	
Early Lowbush Blueberry	<i>Vaccinium vacillans</i>	
Maple-leaved Arrowwood	<i>Viburnum acerifolium</i>	
Southern Arrowwood	<i>Viburnum dentatum</i>	
Naked Witherod	<i>Viburnum nudum</i>	
Black Haw	<i>Viburnum prunifolium</i>	

CAL VERT COUNTY NATIVE PLANT LIST (cont.)

Mixed Evergreens (Size: 4 to 5 ft. height spaced 20 ft. on center)		
Large Canopy Trees		
Common Name	Species	Coverage (400 square feet)
Atlantic White Cedar	<i>Chamaecyparis thyoides</i>	
Eastern Red Cedar	<i>Juniperus virginiana</i>	
Shortleaf Pine	<i>Pinus echinata</i>	
Pitch Pine	<i>Pinus rigida</i>	
Pond Pine	<i>Pinus serotina</i>	
Loblolly Pine	<i>Pinus taeda</i>	
Virginia Pine	<i>Pinus virginiana</i>	
Mixed Evergreens (Size: 4 -6 ft. height spaced 20 ft. on center)		
Small Understory Tree		
Common Name	Species	Coverage (200 square feet)
American Holly	<i>Ilex opaca</i>	
Sweetbay Magnolia	<i>Magnolia virginiana</i>	
Mixed Evergreens (Size: 1-3 gallon container – 2-4 ft. height spaced 6-12 ft. on center)		
Shrubs		
Common Name	Species	Coverage (100 square feet)
Inkberry	<i>Ilex glabra</i>	
Sheep Laurel	<i>Kalmia angustifolia</i>	
Mountain Laurel	<i>Kalmia latifolia</i>	
Fetterbush	<i>Leucothoe racemosa</i>	
Wax Myrtle	<i>Morella cerifera</i>	