

The Tree Tenders Program

The Pennsylvania Horticultural Society (PHS)'s Tree Tenders® program is at the forefront of the urban tree movement across the country. It is one of the oldest, most respected volunteer urban tree planting and stewardship programs in the world. The program offers hands-on tree care training, covering biology, identification, planting and proper care.

Since 1993, the training program has graduated more than 5,000 Tree Tenders® in the Greater Philadelphia area. The strong growth in participating groups indicates not only the expanding reach of the Tree Tenders®, but also the pride and sense of purpose volunteers feel as a result of improving their neighborhoods.

Working in neighborhood groups, PHS Tree Tenders volunteers have planted 800-1,000 trees every April and November. It's a lot of trees to get in the ground, so we need your help! No experience is required!

For more information on PHS's Tree Tenders Program, go to <https://phsonline.org/programs/tree-programs/>

Q: "What is the best time to plant a tree?"

A: " 25 years ago".

Q: "What's the NEXT best time to plant a tree?"

A: "RIGHT NOW!"

Contact Information

Contact the Shade Tree Commission to learn more about this program:
lamontagnep@newbritainboro.com

Please drop off all program registrations and checks at the New Britain Borough Administration Office at 45 Keeley Avenue.



A Tree for your Yard?

**The New Britain Borough
Shade Tree Commission**
is partnering with PHS to
bring trees to our
neighborhood!

YOUR front yard is a likely
candidate for a new tree, and
we would like to talk with you
about our program.

**Pennsylvania
Horticultural Society
Tree Tenders®**

So why plant a tree???

So many reasons: for the homeowners, for the neighborhood, and for the broader community. Choose your own favorites!

Improved air quality (decreased ozone, sulfur dioxide, nitrous oxides, particulates, etc.).

Enhanced property values (people have more favorable impressions of treed properties and greened neighborhoods).

Reduced stormwater runoff (e.g., a mature tree can absorb 50-100 gallons of water during large storms).

Reduced incidence of asthma and other respiratory problems.

Improved student attention span (studies show children with ADD function better after activities in green settings, and college students with natural views from their dorm windows score higher on attention tests).

Reduced home heating/cooling costs (trees can provide shade in the summer, and cold wind protection in the winter).

Quieter neighborhoods (reduced traffic and other noises).

Reduced stress levels and anxiety.

Safer neighborhoods (significant traffic calming and accident reduction on streets with trees).



What's It All About?

First, **YOU** have to let us know of your interest in a new tree in your front yard (our contact info is on the back).

TOGETHER we will discuss appropriate tree species for your site (our grant requires trees to be near a street, e.g., front yards), and review other details of the process.

WE will submit your order with others from our neighborhood. The grant-funding subsidizes the cost of the trees so that residents provide a co-pay of only \$60 per tree (well below market value for **8-12 foot tall trees—these are not just little rooted twigs!**). We will also provide advice and assistance with both the planting and maintenance of your new tree. Our ordering deadline is September 9, 2022.

YOU will be responsible for the tree and its care, including mulching and regular watering during establishment (especially the first two summers). Planting will be in mid-November, the optimum planting season.

Need MORE reasons to plant a tree???

Being among trees can lower blood pressure, reduce stress, and increase immune functioning.

Shaded roads and driveways last longer, saving maintenance costs.

Trees absorb and store carbon (mitigating carbon dioxide emissions and resulting climate change).

Reduced urban heat island effect (largely through the indirect effect of trees' evapotranspiration).

Wildlife and biodiversity benefits (trees provide "food and furniture" for both resident and transient species, including many species of birds, bats, and beneficial insects).

(For documentation about most of the above claims, see: http://www.actrees.org/files/Research/benefits_of_trees.pdf)

Our local neighborhoods have lost tree cover in recent years. Many of the original trees, planted when our houses were first built in old farm fields, are suffering from disease or "old age"; others have succumbed to storms. Open spaces have been developed, the trees cut. Our effort is to promote their replacement—

for the Next Generation

Tree Choices for New Britain Borough : Small trees are fine under power lines. Medium are better near, but not directly under wires. Large trees are great in open areas.

<i>Species</i>	<i>Common</i>	<i>Native*</i>	<i>Mature Size (ft)</i>	<i>Notes</i>
SMALL (20-30' tall), compatible near electric lines				
<i>AMELANCHIER LAEVIS**</i>	Allegheny Serviceberry	X	25x15	Edible street or lawn tree; part shade to full sun; great wildlife value; some deer resistance; some drought and salt tolerance; leaves bronze-purple turning dark green; no serious insect or disease problems. Rust, leaf spot, fire blight, powdery mildew and canker are occasional disease problems
<i>CARPINUS CAROLINIANA</i>	American Hornbeam	X	30x25	Full sun to shade, slow growth, tolerates wide range of soils and moisture levels, low salt tolerance, muscle-like trunk
<i>SYRINGA RETICULATA</i> 'SNOWCAP'	Japanese Tree Lilac		18x12	Rounded; dense symmetrical round head; tolerant of urban conditions, good pick for under wire street tree
MEDIUM (30-50')				
<i>CLADRASTIS KENTUCKEA</i>	Yellowwood	X	40x35	Broadly rounded form; may have low and tight branching; slow growing; climate change adaptable; full sun; white drooping fragrant flowers; small seedpods; prune only in summer, excessive bleeding may occur in winter/spring
<i>GLEDITSIA T.I. 'SKYLINE'</i>	Honeylocust	X	45x35	Broadly pyramidal; good central leader; uniform habit; has high potential to lift sidewalk so prepare wide pits if planting as a street tree
<i>HALESIA CAROLINA**</i>	Carolina Silverbell	X	35x25	Rounded; prefers acidic, organic, moist, well-drained soil; pest resistant
LARGE (50'-70')				
<i>QUERCUS BICOLOR</i>	Swamp White Oak	X	60x40	Rounded; tolerates wet and dry; easy transplant; exfoliating bark; 1" acorns; prefers acid soil
<i>QUERCUS ROBUR X MACRO.</i> 'HERITAGE' (very limited)	Heritage Oak		50x40	Broadly pyramidal; strong central leader; adaptable to dry and moist sites; mildew resistant leaves; great street tree; cross between bur and English oak

The program details.

New Britain Borough is working to become a walkable community. We are installing sidewalks and Bike and Hike paths to encourage this. It's our opinion that walking under trees is much more pleasant than in the beating sun, shade trees make the walk more pleasant, cool your yard, and reduce street noise.

- ◇ The subsidized cost per tree is \$60. Limit of two per home, four for a corner lot. Checks should be made out to New Britain Borough. Deadline is ***Friday, September 9th***.
- ◇ The trees are nursery grown in sand, and shipped bare rooted, 8 to 12 feet tall. In many regards, this is better than pot grown. Survival rate is well over 90%, but there is no guarantee. Trees must be planted in a hole 36" in diameter, within 5 to 10 feet of the sidewalk.
- ◇ Our Tree Tenders will dig a 36" diameter hole and assist you in planting your tree.
- ◇ We will also supply stakes and twine to brace the tree.
- ◇ You need to provide one bag of mulch.
- ◇ Planting **must** take place between November 18-21, 2022.
- ◇ The first two years are critical, and the tree will need watering from time to time. If it is inconvenient to water by hose, 36 "diameter Tree diapers are available at \$27 each, (retail cost \$45.39). These are reusable bags that fit around the tree, that when filled, dispense water over time, so you only need add more water when they are empty.

This project is an example of what our Shade Tree Commission does. We are volunteers who live in New Britain Borough, and would welcome your interest. If you would like to learn more or become a member of New Britain Borough's Shade Tree Commission visit: <https://www.newbritainboro.com/committees/>



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Jennifer Salisbury
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TREE TENDERS PROGRAM APPLICATION

RESIDENT'S INFORMATION

NAME: _____

ADDRESS: _____

PHONE: _____

EMAIL: _____

TREE SPECIES

1ST CHOICE: _____

2ND CHOICE: _____

SIZE: _____

NUMBER OF TREES: Limit 2 per property (unless corner lot 4): _____