



Where did the cankerworms go?

Ever wonder why Charlotte used to have so many cankerworms? Are you stumped over why, recently, we haven't had hardly any? **So are we!**

Become a Citizen Scientist!

We think you can help us unravel the mystery. Become a citizen scientist this winter and help us collect data on cankerworms. We will send your data to Clemson University to analyze. With your help, we hope to better understand the cankerworm population in Charlotte and possibly predict the next infestation.

Ready to get started? Follow these steps.

1. **Measure your tree** – Wrap a string or tape measure around the trunk approximately 4 ½ feet from the ground. Enter the length (circumference) in inches on the form.
2. **Band your tree** – Visit CharlotteNC.gov/Cankerworm for instructions and to locate supplies
3. **Start tracking!** Enter information about your tree and start tracking when you start seeing moths on your tree band. This is usually right after the first frost. You can track two ways:
 - COUNT all the moths on the band – Best when you don't have that many moths
 - ESTIMATE using 3"x3" squares – Best when your band is full of moths

How to estimate the number of moths using squares

Use the template provided to help you estimate the number of moths on your tree band.

1. Cut out the squares to reveal three 3"x3" holes.
2. Place the template on your tree band.
3. Count and squish all the moths inside the square holes.
4. Repeat this process on random areas of your band. How many times you do this depends on the circumference of your tree.
 - Less than 31 inches – Count three times
 - 31 to 62 inches – Count four times
 - More than 62 inches – Count six times

Continue tracking for four consecutive weeks. Mail or scan the completed form and send it back to us.

By mail

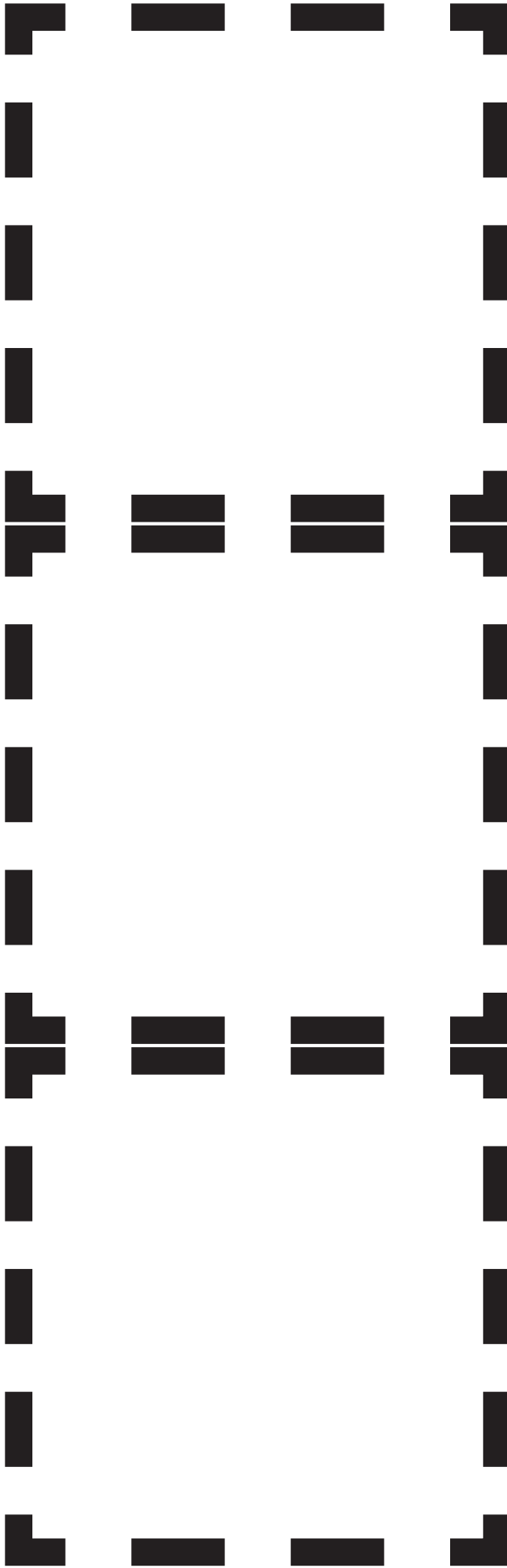
The Great Cankerworm Count
701 Tuckaseegee Road
Charlotte, NC 28208

By fax or email

704-336-4444 (fax)
eoliverio@charlottenc.gov (email)



Use the below square windows for the Great Cankerworm Count. Cut out the squares and place randomly on your band. Count and squish all the moths that are inside each square.





Your name: _____ Email or phone: _____

We may contact you if we have questions about the information you send us.

TREE #1 INFORMATION								
Date band was installed (mm/dd/yy)								
Type of tree (oak, maple, poplar, etc.)								
Location (address or GPS coordinates)								
Circumference of tree (in inches)								
TRACK THE NUMBER OF MOTHS FOR FOUR CONSECUTIVE WEEKS								
	Week 1		Week 2		Week 3		Week 4	
Date (mm/dd/yy)								
Method used	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares
Number of squares used - See instructions	N/A		N/A		N/A		N/A	
Number of moths counted								
TREE #2 INFORMATION								
Date band was installed (mm/dd/yy)								
Type of tree (oak, maple, poplar, etc.)								
Location (address or GPS coordinates)								
Circumference of tree (in inches)								
TRACK THE NUMBER OF MOTHS FOR FOUR CONSECUTIVE WEEKS								
	Week 1		Week 2		Week 3		Week 4	
Date (mm/dd/yy)								
Method used	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares	Counted all moths on band	Estimated using squares
Number of squares used - See instructions	N/A		N/A		N/A		N/A	
Number of moths counted								

MAIL OR SCAN THE COMPLETED FORM AND SEND IT BACK TO US

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