

## FOR FRUIT TREES

The apple maggot fly is a major pest for both home and commercial orchards. Apple maggots infest apples, pears, apricots, hawthorns, crabapples, and plums. Adult female flies pierce the fruit skin, depositing eggs inside the fruit. Newly hatched larvae tunnel throughout the fruit, causing brown streaks in the flesh. Trapping the female flies during this egg laying cycle reduces the damage to fruit. The trap also works with the cherry fruit worms for cherries. Tangle-Trap Red Sphere traps offer a simple but effective means of interrupting the crucial step in the insects' life cycle.

Tangle-Trap Red sphere Traps help detect the flies and they search for egg-laying sites. The apple maggot fly resembles a house fly and can be identified from other flies by the dark banding on the wings. Thinking the red traps are ripe fruit, the flies land and attempt to deposit eggs. Once the flies have landed, they are permanently trapped in the sticky Tangle-Trap coating. Tangle-Trap is specially formulated to remain sticky over wide temperature ranges and wet weather conditions. The coating is clear, odorless and completely pesticide free.

## TRAP ASSEMBLY

Separate the red sphere halves and snap two together to form a sphere. Note there is a difference between the halves. One half has a small hole in the center. Twist a metal hanger into the hole until tight. Use large pliers or jar opener to open Tangle-Trap Brush-On Insect Trap Coating can. Disposable gloves can be worn to avoid contact with the sticky material. Holding a sphere by the hanger, apply a thin coating of Tangle-Trap (*approximately 1/16 of an inch*) over the entire sphere, beginning at the top and working downward.

## Trap Placement

Using the enclosed ties, hang the coated spheres. Position the trap among the foliage of the outer third of the tree at a height easy to check from the ground (*about five to six feet and out of the reach of children and pests*). If necessary remove foliage and fruit within 12 inches of trap. For best results, traps should be in place after trees have blossomed, before petal fall. Check with your local extension agent for exact timing in your area. On a typical home fruit tree, hang approximately one trap per every 100 apples or other fruit. A semi dwarf tree usually requires two traps.

## TRAP MAINTENANCE

Check daily until the first fly is detected, then check traps at least weekly during growing season. Scrape surface when covered with insects or other debris and apply a fresh coating of Tangle-Trap. The traps must remain sticky to be effective.

## CLEANING AND STORAGE

Tangle-trap Red Sphere Traps are reusable season after season. After harvest, remove traps from trees. Prepare a work surface by covering with newspaper or other disposable material. We recommend cleaning outdoors. Wear plastic, disposable gloves while handling traps. Hold trap by hanger. Using a putty knife or similar tool, scrape from the top of the sphere downward. After each stroke, clean tool. Continue until most of the insect are removed. Rub mineral spirits or baby oil on the trap surface working it into the Tangle-Trap. Use an old cloth or paper towel to wipe off traps. Vigorously wipe trap to completely clean surface. Repeat until trap surface is clean and dry. Store traps until next season. Clean putty knife as described above. Dispose of debris in trash.

## RE-USING TRAPS

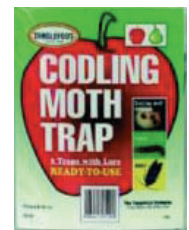
In the spring, simply coat the traps with a new layer of tangle-trap Insect trap coating. Tangle-Trap and additional Red Sphere Traps are sold separately and can be purchased from Biocontrol Network (<http://www.biconet.com/traps/AppleMaggotTrap.html>)

## EACH KIT CONTAINS:

- 6 - red sphere halves (3 traps)
- 3 - metal hook hangers
- 3 - twist ties
- 1 - 8 oz Tangle-Trap Insect Trap Coating
- 1 - Instruction Sheet

### Another threat to apples and pears is the codling moth.

The **Codling Moth Trap** will help monitor moths before they lay eggs. Kit comes with 2 coated traps ready for hanging. Ideal for monitoring potential infestations.



We appreciate your purchase of the Tanglefoot Products. If you have any question or comments, please contact Biocontrol Network.

Biocontrol Network  
5116 Williamsburg Road  
Brentwood, TN 37027  
Tel: (615) 370-4301  
Toll Free: (800) 441-2547  
FAX: (615) 370-0662  
[www.biconet.com](http://www.biconet.com)