

# YELLOW STICKY TRAP

Olive Fruit Fly Management

## BACKGROUND

Yellow Sticky traps are designed to attract and capture a variety of insects such as winged aphids, fungus gnats, whiteflies, olive fruit flies and cucumber beetles. They can also be used to detect for the presence of the glassy winged sharpshooter along Pierce's disease risk habitat. These traps are made of a durable cardboard material which is colored with the proven insect attractant yellow and coated with an odor free sticky surface. Dimensions of the panel coated with sticky surface: 9 x 11 inches. In yellow.

## INSTRUCTIONS

Preparing the yellow sticky trap:

1. Open the yellow sticky trap by peeling open the cardboard panel (like opening a book) exposing the sticky adhesive material inside.
2. Carefully fold the panel back onto itself so it is again folded in half; this time the sticky surface is exposed on both sides of the panel and the non-sticky surface of the panel is now on the inside of the fold.
3. Fold the pre-punched tabs (shape of an arrow) from one side of this panel so the barbed tip passes through the square opening on the other side. These tabs help to maintain the panel in an open position.
4. Traps are hung on the south side of the tree in winter and on the north side in the summer. Place the panel trap on the inside of the canopy in trees with fruit, in open shade, with 8-10 inches of clearance from foliage at the edge of the grove. Trap should be replaced when it becomes overcrowded with insects and/or dirt.

For monitoring purposes, it is suggested that traps be spaced at a rate of about 8-10 per acre in the early part of the season and doubled in October if sting levels go above the monitoring threshold of 3%. For mass trapping purposes, depending on the level of infestation, a density of 1 to 2 traps per tree is suggested.

### Activating pheromone lure for Olive Fruit Fly:

1. **Activating capsule:** Before hanging capsule containing the pheromone lure to sticky panel trap, puncture the top lid of capsule by using a small Phillips screw driver (1/8" or 3mm diameter shank) an ice pick or any other device that will leave a small puncture hole (1/16"-1/8" or 2-3mm) in the lid of the capsule.
2. **Attaching capsule to sticky panel trap:** There is a hole punched into the center top & bottom of the panel. Pass the wire tie (or any string can be used instead) through both holes on either the top or bottom of the panel. Then thread the wire tie through the plastic hinge of the capsule (hinge attaches the lure capsule lid to the capsule). The lure capsule can be positioned between the panels of the trap, hung from the wire tie. Create a small loop with the end of the wire tie and twist to secure the capsule and panel trap together. When creating this loop remember to leave the majority of the wire tie to secure the assembly to a branch on the olive tree.

**PRODUCT CODE:** AR914 Yellow Sticky Trap

**FIELD LIFE:**

4 to 8 weeks depending on environmental conditions, or when trap become saturated and loses stickyness.

**SHELF LIFE:**

2 years or more if properly stored.

**UPDATED:** October 2011

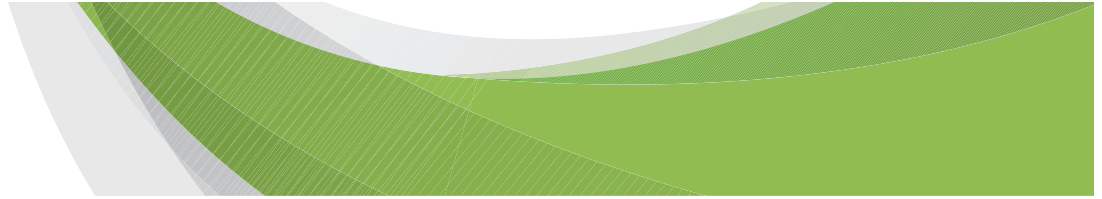
### Pictures and Illustrations:



Yellow Sticky Tap



Pheromone lure vials (optional)



# YELLOW STICKY TRAP (CONTINUED)

## Olive Fruit Fly Management

- 3. Duration of lure:** Depending upon weather conditions, the olive fruit fly pheromone lure (40 mg) is designed to last about 10 to 14 weeks, and the ammonium carbonate lure is designed to last about 6 to 8 weeks in the field.

### STORAGE INFORMATION

1. Unopened pheromone lures should be stored in air-tight bags e.g. Ziploc bags, and placed in the refrigerator, or preferably in the freezer. In a refrigerator, the shelf life is approximately 1 to 2 years, and in the freezer, the shelf life is more than 2 years.
2. Unused yellow sticky traps should be stored in a cool, dry place, preferably in a closed box to prevent dust build up.

### RESEARCH BASIS AND OTHER INFORMATION

1. The standard disclaimer for the information and use of ISCA's products can be found in the ISCA Technologies Standard Terms and Conditions of Sale. You may request that a copy be sent to you or you can view this at the ISCA website at : <http://www.iscatech.com/exec/sales.htm> .
2. Please feel free to view the latest ISCA Olive Fruit Fly Management Products catalog and other customer support material at the ISCA website : <http://www.iscatech.com/exec/customersupport.htm> .

