

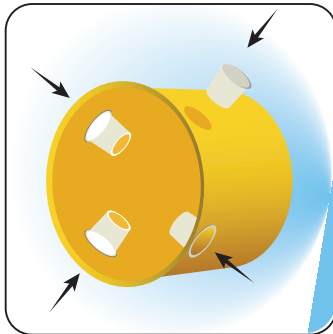


INSECT SCIENCE®

The Science of Entomology

HOW TO ASSEMBLE THE McPHAIL TRAP

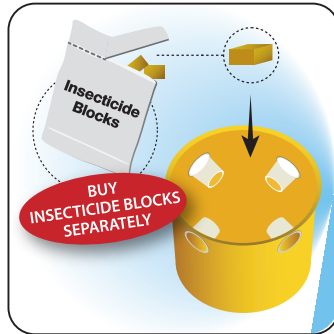
Use the McPhail Trap to efficiently monitor fruit flies in area-wide monitoring programmes, sterile insect technique (SIT) programmes, orchards, and quarantine areas globally.



STEP 1

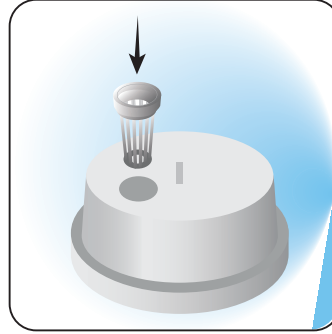
Hold trap bucket and push one clear cylindrical insert into each hole until they click in place and lie flush with the bucket.

Repeat for all 4 plastic inserts. The inserts provide an entrance to the trap, but are difficult for insect pests to exit.



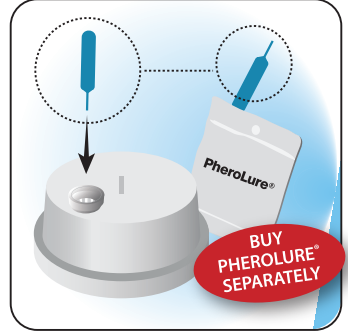
STEP 2

Tear open the foil bag containing insecticide blocks. Remove one insecticide block from the pouch and place at the bottom of the bucket.



STEP 3

Insert the empty pheromone cage into the hole on the top of the clear lid.

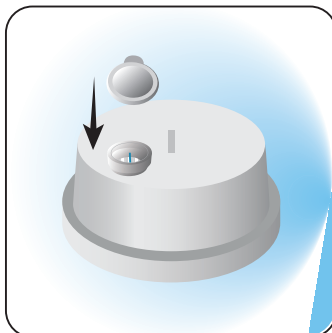


STEP 4

Insert the **PheroLure®** bulb tail end first into the cage in the bucket lid, ensuring the tail goes through the hole at the bottom.

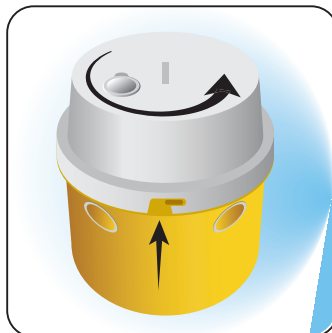
WEAR GLOVES WHEN HANDLING PHEROLURE®

NOTE: Do not puncture, open or cut the plastic lure. It is made from material that allows the pheromone to be released at a specific rate.



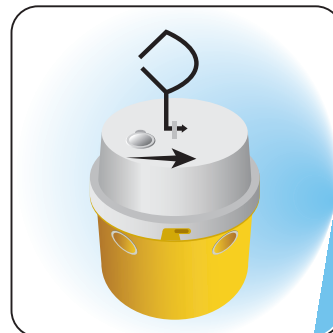
STEP 5

Push cage lid onto the top of the **PheroLure®** cage to close and secure the lure.



STEP 6

Close the trap by inserting the bucket tabs into the lid slots. Twist closed until the tabs are securely locked into the lid



STEP 7

Push the L-shaped end of the tree clip into the hanging hole on the lid.

The trap is now ready for field placement.

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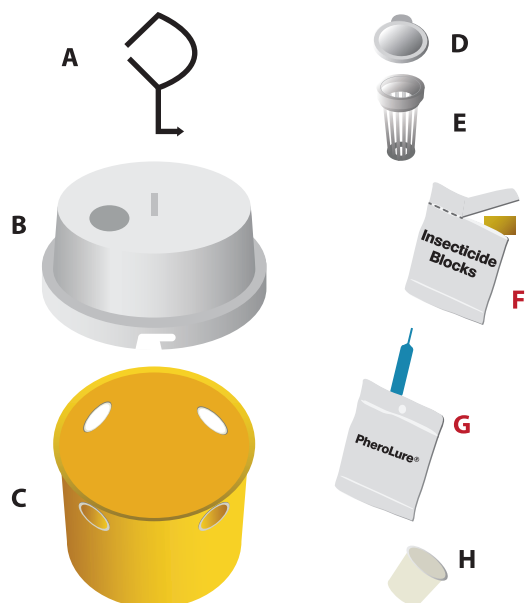
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THE McPHAIL TRAP COMPONENTS



- A** 1 x Black tree hook
- B** 1 x Clear trap lid
- C** 1 x Yellow funnel-shaped bucket
- D** 1 x PheroLure® cage lid
- E** 1 x PheroLure® cage
- F** 2 x Insecticide blocks in foil bag – **SOLD SEPARATELY**
- G** 1 x PheroLure® – **SOLD SEPARATELY***
* Refrigerate remaining lures and keep all unused bags sealed.
- H** 4 x Clear cylindrical inserts

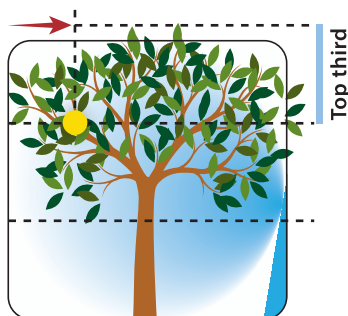
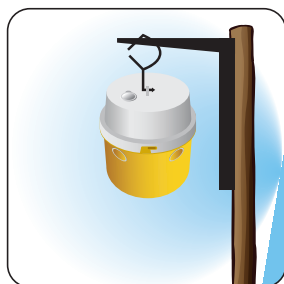
THE McPHAIL TRAP PLACEMENT

WHEN TO USE THE McPHAIL TRAP

- Two weeks before fruit ripens.
- When fruit colour breaks.

TRAP PLACEMENT OF THE TRAP IN TREES

- Choose tallest fruit tree or secure trap to a T-bar erected in the garden or field.
- Place trap in the top third of the tree.
- Secure the trap firmly to the tree/pole/stand so that it does not sway in the wind.
- Place 1 trap per 150 m² or 1 trap per 5 trees.



GENERAL PLACEMENT OF THE TRAP

- Increase trap number where area has steep slopes.
- Prevailing winds may affect the effectiveness of the pheromone. More traps may be required.
- Place trap as close to the middle of the area as possible.

INSPECTION AND MAINTENANCE

- Count and record relevant catches every week to monitor changes in pest population over time.
- Clean buckets regularly, even if no flies are caught. Remove dust and debris.
- Replace the insecticide block every 6 weeks, and the **PheroLure®** every 20 weeks.

PLEASE NOTE

- Wear protective clothing when handling products. Read the label of each product.
- Refrigerate the remaining **PheroLures®** and keep bags sealed.
- Seal bag and store the remaining insecticide block in a cool area, away from children, uninformed persons and animals.

DISPOSAL

- Used **PheroLures®** can be disposed of in garbage, as no special precautions are required.
- Insecticide blocks must be disposed of according to local regulations for disposal of hazardous waste.

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