




ANGLER CARPOPHILUS TRAPPING SYSTEM

Carpophilus Beetle is a major pest in stone fruit.

The beetle bores into ripening fruit creating a lesion that drastically decreases the marketability of fruit. The lesions then make the fruit more susceptible to disease.

TARGET SPECIES

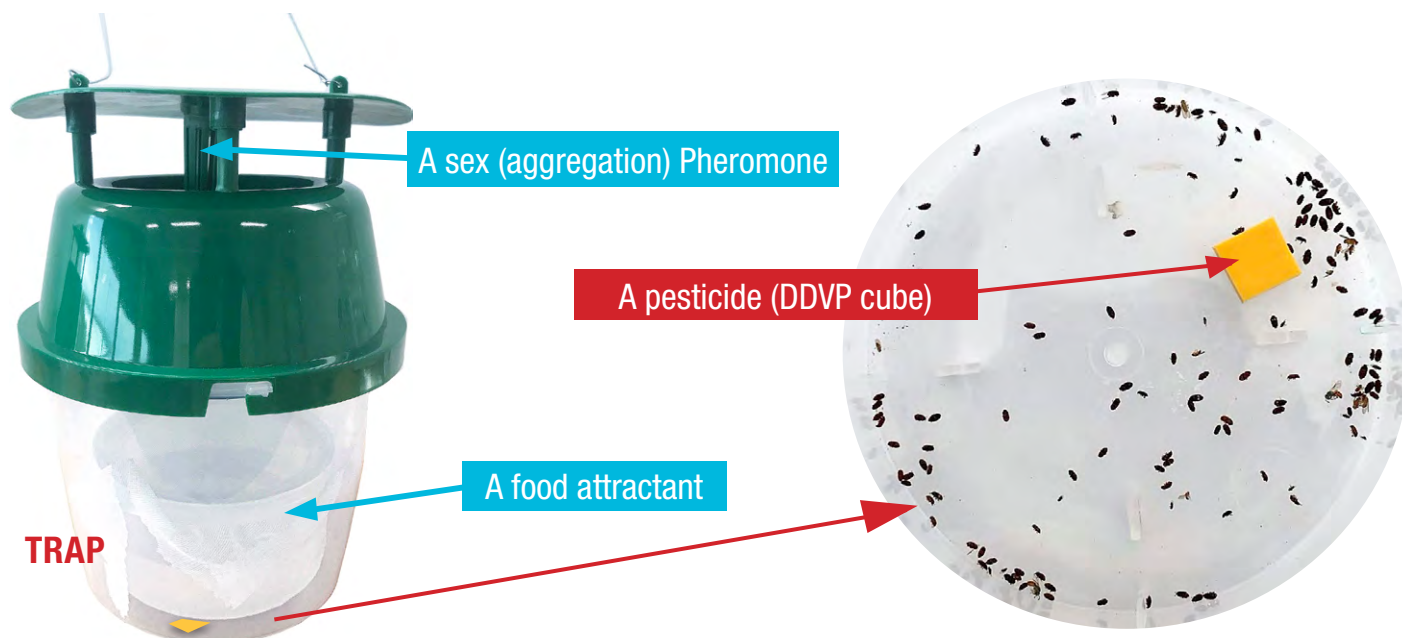
Carpophilus Beetles:

-  *C. davidsoni*
-  *C. hemiptera*
-  *C. mutalis*

Advantages of the Angler Traps

- Clear trap allows ability to quickly check and monitor catch without opening and disturbing trap.
- Pheromone basket making replacing pheromone buttons simple and contaminant free.
- Hanging wire allows traps to be easily moved from patch to patch from early to late varieties.

Attract and Kill



The attract and kill method works by using an aggregation pheromone to draw the **Carpophilus beetle** towards the trap. As the Carpophilus beetle nears it is then drawn to a **food attractant** which is located at the base of the trap. A **Dichlorvos (DDVP)** embedded cube then kills the beetle when inside the trap.

The Trapping system has 2 major components to it:

- 1 Angler Carpophilus Trap**
- a. 1 x Bucket Trap
 - b. 1 x Solution container with lid



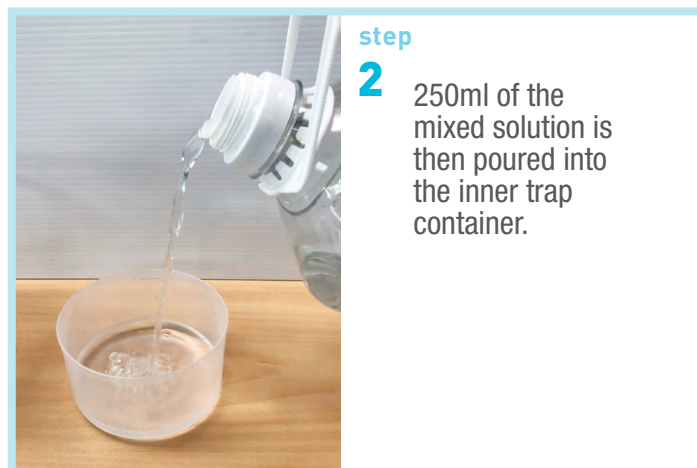
- 2 Angler Carpophilus Trapping System Kit**
- a. Solution Part A (3L)
 - b. Solution Part B (30mL)
 - c. 12 x Carpophilus Pheromone Lures
 - d. 3 x Replacement mesh
 - e. 2 x Biotrap DDVP cubes



Each Angler Carpophilus trap requires:

Attractant Solution Formulation	250mL every 2 weeks	(3L = 12 refills = 24 weeks)
1 x Carpophilus Pheromone Lure	every 2 weeks	(12 Lures = 12 replacements = 24 weeks)
1 x Biotrap DDVP cube	every 3 months	(2 DDVP cubes = 2 replacements = 24 weeks)

Step by Step





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DIRECTIONS FOR USE

CROP	PURPOSE	RATE/TRAP
Peaches, Nectarines, Plums, Apricots, Cherries, Apples, Pears, Nashi, Berry fruit	For monitoring and management of Carpophilus Beetles: <i>C. davidsoni</i> <i>C. hemiptera</i> <i>C. mutalis</i>	Attractant Solution Formulation – 250ml of the mixture, replace every 2 weeks in traps. See Critical Comments for formulating the Attractant Solution Formulation . Carpophilus Pheromone Lure – 1 Lure Replace every 2 weeks Biotrap DDVP Cubes – 1 Cube Replace every 3 months

CRITICAL COMMENTS:

TRAP SET UP		
Application rates: Trap application rate is based on purpose and block size:		
PURPOSE	BLOCK SIZE	NO. TRAPS/BLOCK
Management	1 ha	3
Monitoring	< 10 ha	2
	≥ 10 ha	4
PLACEMENT OF TRAPS		
<ul style="list-style-type: none">- The precise number of traps required will depend on the varieties, history of infestation, and physical layout of the orchard. The fruit grower will have to use their own judgment- Locate traps 6 to 15 metres outside the perimeter of the field to be protected on a corner on the upwind edges of the field.- The trap should be no closer than 30-40 metres apart. Secure at a height of 1 to 1.5 metres above the ground.- Under no circumstances place the traps inside the field as this could increase crop damage.- Monitoring should be conducted at least 4 weeks prior to harvest, 2 weeks during harvest and 2 weeks post-harvest.		
ATTRACTANT SOLUTION FORMULATION		
<ul style="list-style-type: none">- Pour the 30 mL bottle of Solution Part B into the 3L bottle of Solution Part A. Replace cap and mix bottle thoroughly.- Pour 250 mL of Attractant solution mixture into the wide-mouthed jar supplied. Cover the jar with the mesh and secure with the lid. Place upright inside the Carpophilus Trap.		
CARPOPHILUS PHEROMONE LURE		
<ul style="list-style-type: none">- Suspend the Pheromone Lure below the cone in the tap using wire, or in the plastic holder in the top of the trap. Replace every 2 weeks.		
KILLING AGENT		
Place a 1 x Biotrap DDVP insecticide cube within the trap base. Replace every 3 months.		

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.
WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

Always refer to the label before use.

For more information, contact your local grochem representative

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