

Technical Data Sheet



COMMERCIAL PCOs



AGRICULTURE



FORESTRY



GREEN SPACES & HORTICULTURE



INVASIVE EXOTIC SPECIES

Box Tree Moth (*Cydalima (Glyphodes) perspectalis*)

Pest Details

Adult

Wingspan 38-40 mm. Both wings white with purplish sheen and a broad bronze-brown border. Body predominantly white with head, prothorax and tip of abdomen bronze-brown. Occasionally adults can be almost entirely brown with a pair of white spots on the forewings.



Larvae

Length up to 38 mm. Body mainly green and patterned with white & yellow stripes and a row of black, white rimmed spots. Head shiny black.

Eggs

Pale yellow to brown, 1mm in size, laid in gelatinous masses of 10-20 on the underside of leaves.

Distribution

Native to East Asia, and has now spread across central and southern Europe.

Economic Host(s)

Leaves and occasionally bark of a wide variety of box tree (*Buxus*) species.

Symptoms/Signs

Larval feeding damage can be seen on leaf edges with sometimes only a leaf skeleton remaining. Webbing of branches with frass and exoskeleton residues (black head capsules) are also signs. Bark feeding causes the plant to dry out and die.

Generations: 2-3

Mass Trapping

Recommended Trap Density

25-50 traps per hectare depending on pest population. For small and isolated woodlands 30-50 traps should be used per hectare.

Lure Code C25

Mode of Action Sex Pheromone attractant

Active Chemical (Z)-11-Hexadecenal
(E)-11-Hexadecenal

Dosage 2 mg

Product Description Dispenser containing active ingredient and antioxidant

Dispenser Type Rubber Septum/ Small Polyvial

Active Life 4-6 weeks (temperature dependent)

Monitoring

Adults present

April to October (climate dependent)

Trap Positioning

At a height of 1.5-2 m hung either from box trees or a suitable structure such as a post. If traps are placed in trees, ensure that the entrances remain unblocked and free from leaves or branches.

Recommended Trap Density

2-3 traps per hectare in large uniform areas or 3-5 traps per hectare if the area is less uniform (i.e. box trees/hedges amongst other vegetation).

Recommended

Traps



Unitrapp



Gypsy Moth Trap

Trap Maintenance

Check traps on a regular basis; at least twice a week. It is recommended to replace the pheromone dispensers every 4 weeks to achieve optimum results. Replace the sticky inserts, if used, when they become filled with dust or insects.

Storage and shelf life

Keep product away from direct sunlight, heat, sparks and open flame. Store in a refrigerator for a shelf life of 12 months or a freezer for an extended life of 18 months. Always store sealed in original packaging.