

Box Tree Moth

Cydalima 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 & 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 & 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

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| Lure Code(s) | C25 |
| Mode of Action | Sex Pheromone attractant |
| Active Chemical(s) | (Z)-11-Hexadecenal (E)-11-Hexadecenal |
| Available Products | 2mg Standard (SPV): Our standard lure uses a polymeric vial which performs better than a rubber septum. |
| Dispenser Details | 2mg Standard: Small Polymeric vial 2mg Septum Lure: Rubber septum |
| Active Life | 2mg Standard: 5 -7 weeks 2mg Septum Lure: 4-6 weeks |

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



Unitrap or **Mini Unitrap** with green lid and green funnel.

Trap Maintenance

Check traps on a regular basis; at least twice a week. It is recommended to replace the pheromone dispensers every 5 weeks if using our standard lure or every 4 weeks if using the rubber septum lure for peak performance.

Storage

Keep product away from heat and direct sunlight. 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.