



## BLACK LIGHT TRAP

# INSTRUCTIONS

## Set Up & Placement

### Trap Components:

- Black light trap with UV bulb
- Hot Shot No-Pest strips (three provided)
- Outdoor light timer
- Extension cord and power source



Black light trap supplies

**Trap Type:** The black light trap can be used to monitor a variety of nocturnal agricultural insect pests. Each trap is fitted with a UV bulb to attract target moth species. A yellow insecticide strip is placed in the catch bucket to quickly kill captured moths.

**Site Selection:** Install the trap in an open area near a crop field (preferably corn), ensuring it is visible from all angles and positioned away from interfering light sources. A well-placed trap may attract moths from up to 200 feet away and provides a good representation of moth activity within a one-mile radius of the trap.

**Trap Placement:** Hang the trap on a sturdy metal plant hanger or T-post, with the bucket bottom 4 feet from the ground. Place one insecticide strip inside the bucket, plug in the trap, and set the outdoor timer for "Dusk to Dawn." Always wear disposable gloves when handling the insecticide strip. Do not open the strip indoors or in your vehicle. Replace the strip every six weeks.

**Monitoring:** The weekly trapping period is Thursday to Wednesday. Check the trap once per week (Tuesday or Wednesday morning) and more often if large numbers of moths are appearing. Count, record, and remove any moths and bumble bees in the trap. The moths can be discarded. Refer to the bumble bee bycatch sheet in the unlikely event a bee is found in the trap.



Newer model black light trap



Older model black light trap



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