



Allure[®] MD

Mating Disruption System for Stored Product Moths

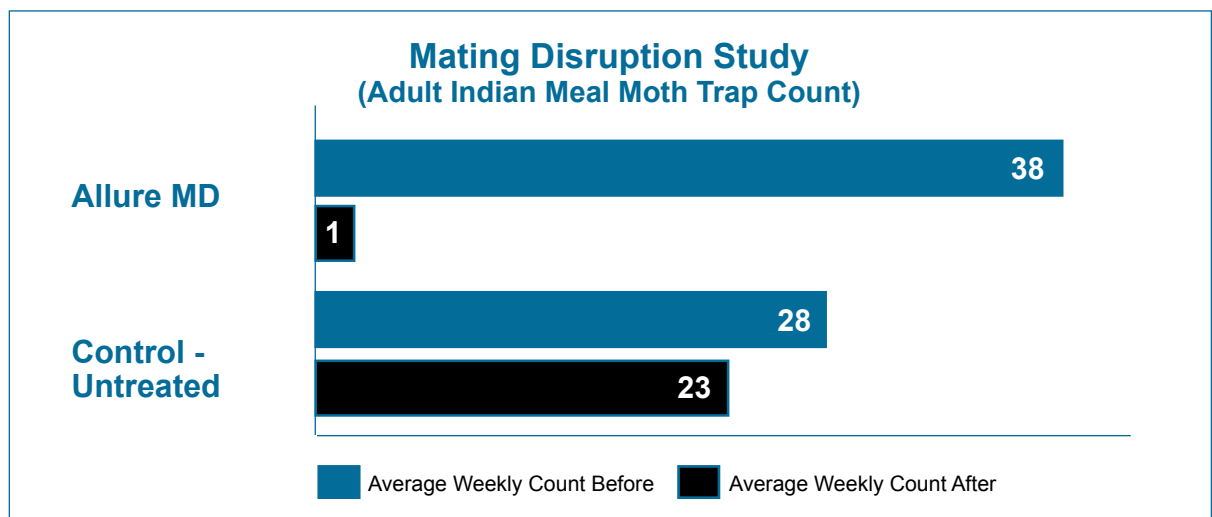
TECH NOTES

Allure MD

Whitmire Micro-Gen developed Allure MD to control stored product moths including Indian Meal Moths in a wide variety of commercial situations. Allure MD uses mating disruption technology to prevent reproduction and reduce the number of moth larvae. This new EPA registered product actually controls Indian Meal Moths instead of just monitoring the population.

Mating Disruption Technology

Mating disruption is a process of using large amounts of sex pheromones to confuse males and limit their ability to locate and mate with calling females. This release of large quantities of sex pheromone into the treatment area interferes with mate location by masking the natural pheromone plumes. This affects the male's ability to respond to calling females and causes the male to follow a "false pheromone trail" at the expense of finding a mate. Consequently, the population is reduced, and fewer larvae are present to cause damage and mature into adults.



Stored Product Warehouse 2003 - Oklahoma State University

BENEFITS

- Reduces moth reproduction and therefore reduces the number of larvae produced
- Reduces frequency of space treatments
- Reduces cleanup and shutdown costs associated with traditional treatments
- Continual preventative control strategy
- Low mammalian toxicity
- Great for sensitive accounts

Specifications

Active Ingredient:

Sex Pheromone
(Z-9, E-12-Tetradecadien-1-yl acetate)

Signal Word:

CAUTION

Packed:

7.8 oz (25 dispensers/case)

EPA Registration Number:

73813-3-499



800-777-8570

www.wmmg.com

Directions for Use

1. **Pests:** Indian Meal Moths, Mediterranean Flour Moths, Cocoa Moths, Tobacco Moths and Raisin Moths
2. **Locations:** Food Processing Plants, Warehouses, Distribution Centers, Retail Stores and Homes
3. Open resealable foil pouch and remove Allure MD dispenser (**do not open the white dispenser bag**).
4. **Application:** Using the supplied twist ties, attach Allure MD dispensers along the interior of the structure to be protected. Dispensers should be placed at chest height in a grid pattern with one dispenser per 500-1000 sq. ft. For non-critical areas, a density of one dispenser per 750-1500 sq. ft. is recommended. See diagram below for suggested dispenser placement.
5. **Timing:** Deploy Allure MD prior to the start of moth season and replace dispensers every 90 days.

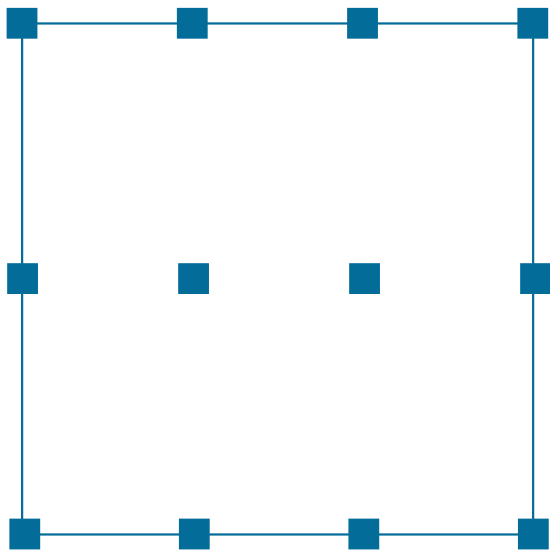


Application Tips

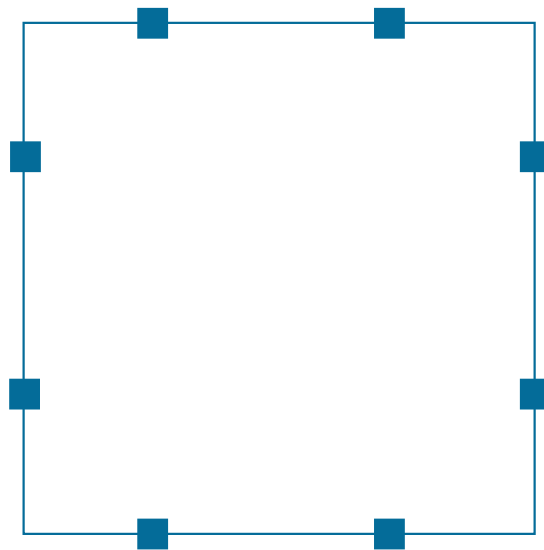
- For heavy infestations, it is recommended to reduce the adult population with BP-100® space treatment prior to or at the beginning of the mating disruption program
- Continue to use traditional Indian Meal Moth pheromone monitors. During mating disruption, these pheromone monitors will not effectively attract moths; however, they will be an indicator of the effectiveness of the mating disruption. If you see an increase in the monitor trap counts, you may have a new introduction of moths from the outside.
- When installing Allure MD dispensers, document the installation date and location.
- Each dispenser contains a metal washer to help detect lost dispensers.

Dispenser Placement Diagram

Critical Areas - 100 ft x 100 ft (10-20 dispensers)



Non-Critical Areas - 100 ft x 100 ft (7-13 dispensers)



■ = Location of Allure MD dispensers