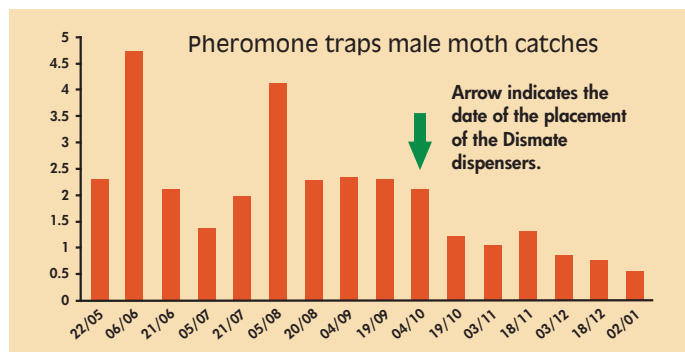


Trials show value of Dismate PE

Dismate PE, the mating disruption system, is based on the release of a small quantity of the nature-identical insect pheromone. It is capable of disrupting the communication between male and female moths (*Plodia* and *Ephestia*) leading to failed mating and so a subsequent and gradual reduction in the food moth population. Dismate has been developed by Russell IPM for the control of food moths and can be used as a reliable alternative to methyl bromide fumigation. Manufacturers Russell explain below how it has been evaluated in several food processing and manufacturing facilities across Europe over the last year. The data collected showed a significant and continuous decline in the moth population, as well as a direct correlation between the pheromone trap catch trends with female egg laying behaviour.

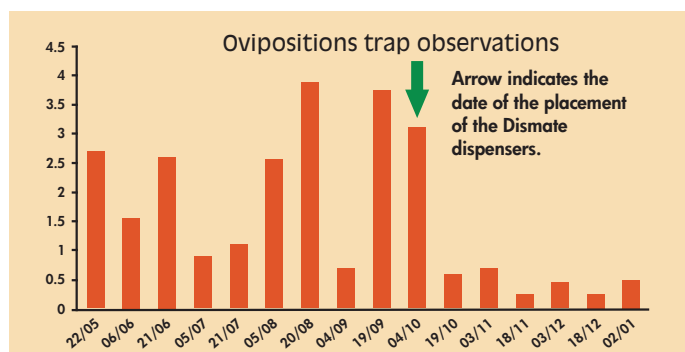
Pheromone traps male moth catches

The application of the Dismate dispensers decreased the number of moths in the pheromone traps to less than two moths/trap. This reduction was rather gradual, with very few adults found during November and, especially, December.



Ovipositions trap observations

Oviposition traps were also used to monitor larval activity. In the Dismate treated area, the number of larvae recorded was significantly low. This consistency is an additional indication that the overall oviposition was noticeably reduced due to the application of the Dismate systems.



This data indicates a substantial downward trend of the Indian meal moth (*Plodia interpunctella*) population in factories managed by the Dismate system. This was shadowed by a drop in the tendency of laid eggs in the protected area. Most significantly, annual trends of customer complaints were extensively reduced during this period.

In one factory-wide application of Dismate PE for twelve months, the impact on the Indian meal moth population was significantly higher than the effect of four methyl bromide treatments.

For more information please visit www.confusedmoth.com

Russell IPM
INTEGRATED PEST MANAGEMENT

Dismate^{PE}
Management by confusion!

The mating disruption system with 10 years practical experience.

www.confusedmoth.com

Use biocides safely. Always read the label and product information before use. HSE Registration number 9346