

**HERCON® DISRUPT® OFM
MATING DISRUPTANT**

**For control of Oriental Fruit Moth, *Grapholita molesta*
MASTER LABEL**

DISRUPT OFM Mating Disruptant is a behavior modifying biochemical product (pheromone) which functions through mating disruption. Use for control of infestation and damage caused by the oriental fruit moth, *Grapholita molesta*, in peaches, nectarines, apricots, plums, apples, quince, almonds and macadamia. The three-component blend of the oriental fruit moth pheromone is contained in, and released from, a hand-applied, solid laminate dispenser.

Sub label A: Hand applied 108 dispensers per acre
Sub label B Hand applied 10 Mats per acre

ACTIVE INGREDIENT:

(Z)-8-Dodecen-1-yl acetate 8.46%
(E)-8-Dodecen-1-yl acetate..... 0.55%
(Z)-8-Dodecen-1 -ol 0.09%

OTHER INGREDIENTS 90.90%
TOTAL..... 100.00%

EPA Registration No. 8730-61
EPA Establishment No. 8730-PA-01

Manufactured by
Aberdeen Road Company d/b/a Hercon Environmental
Aberdeen Road
Emigsville, PA 17318

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REV 8/2009
1021

NOTIFICATION

Date Reviewed: 11/16/09
Reviewed By: G. Casciano

Oct 21, 2009

Sub label A: Hand applied 108 dispensers/acre

**HERCON® DISRUPT® OFM
MATING DISRUPTANT**

For control of Oriental Fruit Moth, *Grapholita molesta*

DISRUPT OFM Mating Disruptant is a behavior modifying biochemical product (pheromone) which functions through mating disruption. Use for control of infestation and damage caused by the oriental fruit moth, *Grapholita molesta*, in peaches, nectarines, apricots, plums, apples, quince, almonds and macadamia. The three-component blend of the oriental fruit moth pheromone is contained in, and released from, a hand-applied, solid matrix laminate 2" X 3" dispenser.

ACTIVE INGREDIENTS:

(Z)-8-Dodecen-1-yl acetate..... 8.46%
(E)-8-Dodecen-1-yl acetate..... 0.55%
(Z)-8-Dodecen-1-ol 0.09%

OTHER INGREDIENTS 90.90%
TOTAL..... 100.00%

NET WEIGHT: 250 mg pheromone active ingredient per dispenser
NET CONTENTS: 108 dispensers/package

BATCH CODE: _____

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

READ DIRECTIONS AND PRECAUTIONARY STATEMENTS BEFORE USE

FIRST AID:

IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor immediately for treatment advice.

IF ON SKIN

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor immediately for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 a.m. to 4:30 pm PST (NPIC website www.npic.orst.edu). After 4:30 pm PST call your poison control center at 1-800-222-1222

Oct 21, 2009

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Do not touch the eyes while handling or attaching the dispensers. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco products or using the toilet.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

METHOD OF APPLICATION: For use on peach, nectarine, apricot, plum, apple, quince, almond and macadamia trees or where the oriental fruit moth is a problem. The application rate of DISRUPT OFM is 108 dispensers per acre. This is equivalent to 27 grams of oriental fruit moth pheromone AI per acre. Reapply DISRUPT OFM after 90-120 days, or sooner as needed, based on local conditions and monitoring results and field scouting. Do not exceed a total application rate of 150 grams AI per acre per year.

Place monitoring traps in the orchard before handling DISRUPT OFM. Do not handle DISRUPT OFM before placing oriental fruit moth or other insect lures in the field without thoroughly washing hands. Monitoring should begin early and continue throughout the season to help assess the effectiveness of the treatment. Monitor treatments closely for all pests to determine if supplementary treatments are necessary. Supplementary treatments or alternative control measures are advised for oriental fruit moth and secondary pests if monitoring by pheromone traps and visual damage assessments indicate such treatments or control measures are needed.

Do not open pouches until ready to use. Do not use DISRUPT OFM from damaged, punctured or unsealed bags. Apply the first DISRUPT OFM treatment early in the season prior to the first adult oriental fruit moth emergence. Monitor for infestation with a pheromone-baited trap, such as the Hercon OFM Scout monitoring system, and by visual inspection of trees and fruit. Remove one dispenser from the pouch and apply by hand securely to limbs of the crop to be protected. Place dispenser in the upper third of the canopy. Attach dispenser by pushing limb into the center notch of dispenser holder. Apply the DISRUPT OFM evenly throughout the treatment block. Wash hands after application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool dry place, preferably in a refrigerator or freezer that is not used for food storage.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of onsite according to label use directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this pouch. Dispose of empty pouch in a sanitary landfill or by incineration or, if allowed by state or local authorities, by burning. If burned stay out of smoke.

Oct 21, 2009

WARRANTY AND LIMITATION of DAMAGES

Hercon Environmental warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use to the extent allowed by state law. Hercon neither makes, nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, expressed or implied concerning this material except as stated above. This warranty does not extend to the use of this product contrary to the label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Hercon Environmental. If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable as determined by Hercon, refund of the purchase price. To the extent allowable by law, Hercon's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no case will Hercon be liable for incidental, consequential or special damages resulting from handling, storage, use, misuse or abuse of this product.

EPA Reg. No. 8730-61

EPA Est. No.8730-PA-01

Made in USA by:

Aberdeen Road Company d/b/a/

HERCON ENVIRONMENTAL Emigsville, PA 17318-0435

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Oct 21, 2009

Sub label B: Hand applied 10 Mats/acre

HERCON® DISRUPT® OFM MATS MATING DISRUPTANT

DISRUPT OFM Mating Disruptant is a behavior modifying biochemical product (pheromone) which functions through mating disruption. Use for control of infestation and damage caused by the oriental fruit moth, *Grapholita molesta*, in peaches, nectarines, apricots, plums, apples, quince, almonds and macadamia. The three-component blend of the oriental fruit moth pheromone is contained in, and released from, a hand-applied, solid matrix laminate mat 6" X 10.5" dispenser.

For control of Oriental Fruit Moth, *Grapholita molesta*

ACTIVE INGREDIENTS:

| | |
|---------------------------------|-------|
| (Z)-8-Dodecen-1-yl acetate..... | 8.46% |
| (E)-8-Dodecen-1-yl acetate..... | 0.55% |
| (Z)-8-Dodecen-1-ol | 0.09% |

| | |
|-------------------------|----------------|
| OTHER INGREDIENTS | 90.90% |
| TOTAL..... | 100.00% |

NET WEIGHT: 2625 mg pheromone active ingredient per mat
NET CONTENTS: 10 dispensers/package

BATCH CODE: _____

KEEP OUT OF REACH OF CHILDREN CAUTION

READ DIRECTIONS AND PRECAUTIONARY STATEMENTS BEFORE USE

| |
|--|
| FIRST AID: |
| IF SWALLOWED <ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything to an unconscious person. |
| IF IN EYES: <ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor immediately for treatment advice. |
| IF ON SKIN <ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor immediately for treatment advice. |
| IF INHALED: <ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor immediately for further treatment advice. |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical information concerning this product, call the National Pesticide Information Center Network (NPIC) at 1-800-858-7378 seven days a week, 8:30 am to 4:30 pm PST (NPIC website www.npic.orst.edu). After 4:30 pm PST call your poison control center at 1-800-222-1222 |

Oct 21, 2009

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Do not touch the eyes while handling or attaching the dispensers. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco products or using the toilet.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

METHOD OF APPLICATION: For use on peach, nectarine, apricot, plum, apple, quince, almond and macadamia trees or where the oriental fruit moth is a problem. The application rate of DISRUPT OFM MAT is 10 mats per acre. This is equivalent to 26.25 grams of oriental fruit moth pheromone AI per acre. Reapply DISRUPT OFM MAT after 90-120 days, or sooner as needed, based on local conditions and monitoring results and field scouting. Do not exceed a total application rate of 150 grams AI per acre per year.

Do not open pouches until ready to use. Do not use DISRUPT OFM MAT from damaged, punctured or unsealed bags. Apply the first DISRUPT OFM treatment early in the season prior to the first adult oriental fruit moth emergence. Monitor for infestation with a pheromone-baited trap, such as the Hercon OFM Scout monitoring system, and by visual inspection of trees and fruit.

Remove one mat from the pouch and attach securely to branches of the crop by twine or wire. Be careful not to twist too tightly to avoid girdling of branches. Place the Mats in the upper third of the canopy and apply the DISRUPT OFM Mats evenly throughout the treatment block at a rate of 10 mats per acre.

Place monitoring traps in the orchard before handling DISRUPT OFM MAT. Do not handle DISRUPT OFM MATS before placing oriental fruit moth or other insect lures in the field without thoroughly washing hands. Monitoring should begin early and continue throughout the season to help assess the effectiveness of the treatment. Monitor treatments closely for all pests to determine if supplementary treatments are necessary. Supplementary treatments or alternative control measures are advised for oriental fruit moth and secondary pests if monitoring by pheromone traps and visual damage assessments indicate such treatments or control measures are needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool dry place, preferably in a refrigerator or freezer that is not used for food storage

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of onsite according to label use directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not refill or reuse this pouch. Dispose of empty pouch in a sanitary landfill or if allowed by state or local authorities, by burning. If burned stay out of smoke.

WARRANTY AND LIMITATION of DAMAGES

Hercon Environmental warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use to the extent allowed by state law. Hercon neither makes, nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, expressed or implied concerning this material except as stated above. This warranty does not extend to the use of this product contrary to the label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Hercon Environmental. If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable as determined by Hercon, refund of the purchase price. To the extent allowable by law, Hercon's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no case will Hercon be liable for incidental, consequential or special damages resulting from handling, storage, use, misuse or abuse of this product.

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