



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 28, 2016

Nancy Huebl
Senior Registration Specialist
Wellmark International
1501 East Woodfield Road, Suite 200W
Schaumburg, Illinois 60173

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Adding Zika marketing claims, updating street address and updating the storage and disposal section on consumer sub label B
Product Name: Zoecon 9010 GR
EPA Registration Number: 2724-451
Application Date: August 17, 2016
OPP Decision Number: 520983

Dear Ms. Huebl:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims

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made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Menyon Adams of my team by phone at (703) 347- 8496 or via email at adams.menyon@epa.gov.

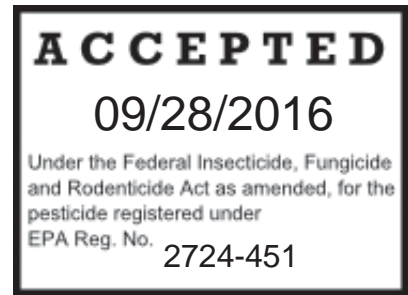
Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

(Commercial version)
[Indicates optional text]



Zoecon 9010 GR

Alternate brand names: Pre-Strike™
ZOËCON® Altosid® PRO-G Insect Growth Regulator

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes which may transmit West Nile Virus)/MIDGE EMERGENCE

Larvicide product to prevent adult mosquito emergence (including *Aedes* sp. and those which may transmit West Nile Virus, Zika, dengue, chikungunya and other mosquito-borne diseases)

Mosquito Larvicide

Prevents mosquitoes from becoming breeding, biting adults

21 [30] day Protection

Easy to Apply Granules

Treats over 13,000 sq. ft. (1.5 lb container)

[teaspoon/tablespoon/cup] treats # gallons of water (per application rate table)

(30 day protection)

2.5 lb container - [Treats up to 5,455 square feet or 20,183 gallons of water]

ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6).....	1.5%
OTHER INGREDIENTS:	98.5%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

See [back panel for] additional Precautionary Statements
(For optional smaller container size with wrap-around label)

EPA Reg. No. 2724-451
EPA Est. No.

Lot No.

Net Weight:
[This container is sold by weight not volume]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or skin. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during loading and handling. Wash thoroughly with soap and water after handling.

FIRST AID	
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.
If on skin or clothing	<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 for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL DIRECTIONS: **Zoecon 9010 GR** [product name] releases effective levels of **ALTOSID®** insect growth regulator for up to 21 [30] days after application. Applications should be continued throughout the entire season to maintain adequate control. Treated larvae continue to develop normally to the pupal stage where they die.

[Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply **Zoecon 9010 GR**. Ground equipment which will achieve even coverage at these rates may also be used.]

Apply **Zoecon 9010 GR** [product name] uniformly and repeat application as necessary.

[Optional directions for 1.5/2.5 lb shaker container: Measure and then sprinkle the appropriate amount of **Zoecon 9010 GR** [product name] evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product to use. Emptying or discarding small containers that are holding water will ensure the best results. In instances where small containers cannot be emptied or discarded and for locations such as flower pots, old tires, urns, etc. use approximately 20 [80 (30 days)] granules for every gallon of water.

APPLICATION RATES: (21 Day Control)		
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	7,154 sq.ft.	26,470
¼ cup	1,788 sq. ft.	6,615
1 tbls.	576 sq. ft.	2,131
½ tbls.	288 sq. ft.	1,065
1 tsp.	211 sq. ft.	780
½ tsp.	105 sq. ft.	388
¼ tsp.	53 sq. ft.	196

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.]

(Optional table for 30 day control – 2.5 lb container)

APPLICATION RATES: (30 Day Control)		
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	2,400 sq. ft.	9,600
¼ cup	600 sq. ft.	2,400
1 tbls.	150 sq. ft.	600
½ tbls.	75 sq. ft.	300
1 tsp.	50 sq. ft.	200
½ tsp.	25 sq. ft.	100
¼ tsp.	13 sq. ft.	50

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.]

NOTE: **ALTOSID** insect growth regulator has no effect on mosquitoes/midges which have reached the pupal or adult stage prior to treatment.

APPLICATION TIME: Apply **Zoecon 9010 GR** [product name] at any stage of larval mosquito/midge development. Granules may be applied prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas which flood intermittently. In such areas, one application of **Zoecon 9010 GR** [product name] can prevent adult mosquito/midge emergence from several subsequent floodings. The actual length of control depends on the duration and frequency of flooding events.

APPLICATION RATES: *Aedes, Anopheles* and *Psorophora* spp.: Apply **Zoecon 9010 GR** at 5 - 10 lb/acre (5.6 - 11.2 kg/ha). *Culex, Culiseta, Coquillettida, Mansonia* spp., and *Chironomini* (midges). Apply **Zoecon 9010 GR** at 10 - 20 lb/acre (11.2 - 22.4 kg/ha). Within these ranges, use lower rates when water is shallow [< 2 feet (60 cm)] and vegetation and/or pollution are minimal. Use higher rates for midges or when water is deep [≥ 2 feet (60 cm)] and vegetation and/or pollution are heavy.

APPLICATION SITES:

Non-Crop Areas: **Zoecon 9010 GR** may be applied as directed above to temporary and permanent sites which support mosquito/midge larval development. Examples of such sites include: snow pools, salt and tidal marshes, freshwater swamps and marshes (cattail, red cedar, white maple marshes), woodland pools and meadows, dredging spoil sites, drainage areas, ditches, wastewater treatment facilities, livestock runoff lagoons, retention ponds, harvested timber stacks, swales, storm water drainage areas, sewers, catch basins, tree holes, animal [horse] watering troughs, water-holding receptacles (e.g., tires, urns, flower pots, cans, and other containers), and other natural and manmade water-holding depressions.

Crop Areas: **Zoecon 9010 GR** may be applied as directed above to temporary and permanent sites which support mosquito/midge larval development. Examples of such sites include: irrigated croplands, pastures, rangeland, vineyards, rice fields (domestic and wild), date palm, citrus, fruit, nut orchards, berry fields and bogs.

NOTE: Application of **Zoecon 9010 GR** to sites subject to water flow or exchange will diminish the product's effectiveness and may require higher application rates and/or more frequent applications.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store closed containers of **Zoecon 9010 GR** in a cool dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Pesticide Container Disposal [Plastic Container:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.] **(Paper/Plastic Bags):** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information, call [phone number] or visit our Web site: [URL]

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

ALTOSID® Insect Growth Regulator and ZOECON® are registered trademarks of Wellmark International.

Wellmark International
1501 East Woodfield Road Suite 200W
Schaumburg IL 60173

Made in USA

(Consumer label) (Front Panel)

Zoecon 9010 GR

Alternate Brand Names: ZODIAC® Preventative Mosquito Control

ZODIAC® Pre-Strike™

Pre-Strike™

VET-KEM® Mosquito Larvicide Granules Siphotrol®

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes which may transmit West Nile virus)[and heartworm disease] Larvicide product to prevent adult mosquito emergence (including *Aedes* sp. and those which may transmit West Nile Virus, Zika, dengue, chikungunya and other mosquito-borne diseases)Biochemical mosquito control

Prevents the development of adult mosquitoes

Kills developing mosquito larvae [pupae]

Prevents developing mosquitoes [mosquito larvae] from becoming breeding, biting adults

Kills mosquito[s] [larvae] in [stagnant] standing water [before they are able to bite][where they breed]Apply to standing [stagnant] water in your yard

Kills mosquitoes before they become breeding, biting adults

Prevents mosquitoes from developing into adults

Kills pupae before adult mosquitoes can emerge

Kills pupae so adult mosquitoes can't emerge

Prevents emergence of breeding, biting adult mosquitoes

Effective [protects] for up to [21][30] days

Prevents future mosquito populations

Concentrated formula ([just] [20][80 (30 day claim)]) granules treat [just] 1 gallon of water)

Kills mosquitoes before they hatch including those which may transmit West Nile virus [and heartworm disease]

[Use in][Treat] standing water [to prevent mosquitoes][where mosquitoes breed]

For use in all water-holding receptacles where mosquitoes may breed including containerized water gardens [and animal [horse] watering troughs]

Use in any containerized water where mosquitoes may breed

[21][30] day protection

Easy to apply [use] granules Convenient shaker top can

[Just] Place/Sprinkle in [standing water, containerized water gardens, ornamental fountains, animal [horse] water

troughs, birdbaths, old tires, flower pots, tree holes, pool covers, urns, rain barrels, roof gutters, abandoned swimming pools] where mosquitoes breed

[teaspoon/tablespoon/cup] treats # gallons of water (per application rate table)

[Square feet 21 day claims]

[1 lb treats up to 8,712 sq ft]

[12 oz container – Treats up to 1,635 sq ft]

[Square feet 30 day claims]

3 individual pouches [Treats up to 300 sq ft][Each pouch treats 100 sq ft or 400 gallons of water]

[14 oz – Treats up to 1,908 sq ft]

[Concentrated formula] (1 lb. treats up to 2,182 sq ft or 8, 073 gallons of water)

ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6)..... 1.5%

OTHER INGREDIENTS: 98.5%

Total 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional Precautionary Statements (wrap-around label)

EPA Reg. No. 2724-451

EPA Est. No.

Lot No.

Net Weight: [This container is sold by weight not volume]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or skin. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during application. Wash thoroughly with soap and water after handling.

FIRST AID	
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.
If on skin or clothing	<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 for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not apply to waters that drain into public waterways.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL DIRECTIONS: **Zoecon 9010 GR** [product name] contains (S)-Methoprene insect growth regulator which controls mosquitoes before they can become adults for up to 21 [30] days after application.

Measure and then sprinkle the appropriate amount of **Zoecon 9010 GR** [product name] evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product to use. Emptying or discarding small containers that are holding water will ensure the best results. In instances where small containers cannot be emptied or discarded and for locations such as flower pots, old tires, urns, etc. use approximately [20][80 (30 days)] granules for every gallon of water.

Begin treating when adult mosquitoes are first noted in the spring and continue applications throughout the mosquito season, which is typically up to the first frost. After treatment, you may notice that there will still be live larvae in the water. Treated larvae will continue to develop normally to the pupal stage where they die.

NOTE: S-Methoprene insect growth regulator has no effect on mosquitoes which have already reached the pupal or adult stage prior to treatment.

APPLICATION RATES:				
	21 DAY PROTECTION [CONTROL]		30 DAY PROTECTION [CONTROL]	
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	7,154 sq.ft.	26,470	--	--
¼ cup	1,788 sq. ft.	6,615	--	--
1 tbls.	576 sq. ft.	2,131	150 sq.ft.	600
½ tbls.	288 sq. ft.	1,065	75 sq.ft.	300
1 tsp.	211 sq. ft.	780	50 sq.ft.	200
½ tsp.	105 sq. ft.	388	25 sq.ft.	100
¼ tsp.	53 sq. ft.	196	13 sq.ft.	50

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.

[Optional table for pouch containers]

APPLICATION RATES		
30 DAY PROTECTION [CONTROL]		
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 Pouch	100 sq. ft.	400 gallons
2 Pouches	200 sq. ft.	800 gallons
3 Pouches	300 sq. ft.	1,200 gallons

APPLICATION SITES:

Zoecon 9010 GR [product name] may be applied as directed above to temporary and permanent sites which support mosquito larval development. Examples of such sites include: tree holes, animal [horse] watering troughs, water-holding receptacles (e.g., old tires, urns, flower pots, cans, and other containers), containerized water gardens, and other manmade water-holding depressions.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store closed containers of **Zoecon 9010 GR** [product name] in a cool dry place. **Pesticide Container Disposal:** Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partially Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information, call [phone number] or visit our Web site: [URL]

VET-KEM®, Siphotrol®, ZODIAC® Pre-Strike™ and ZOECON® are trademarks of Wellmark International.

Wellmark International
 1501 East Woodfield Road Suite 200W
 Schaumburg IL 60173

Made in USA

(Back panel marketing text

Mosquitoes are not only a nuisance; they can transmit diseases that are a serious health threat to people and pets. With just one bite, mosquitoes can transmit West Nile Virus and other viruses that cause encephalitis. They can also transmit heartworm disease to dogs and cats.

[Product name] kills developing mosquitoes before they become breeding, biting adults. It is easy to use; simply measure, then sprinkle the granules in areas [of stagnant][standing][water] where mosquitoes may breed (nothing to mix or spray). **[Product name]** granules offer long-lasting mosquito control for up to [21][30] days. When used as directed, **[Product name]** will not adversely affect [harm] humans, animals, fish, or vegetation.

TREATMENT AREAS:

- Bird Baths
- Old Tires
- Flower Pots
- Tree Holes
- Containerized Water Gardens
- Pool Covers
- Urns
- Rain Barrels
- Roof Gutters
- Ornamental Fountains
- Abandoned Swimming Pools
- Animal [Horse] Watering Troughs
- Other Water-Holding Receptacles