



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 29, 2016

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

Subject: Pesticide Registration Improvement Act (PRIA) Labeling Amendment – Label amendment plus supplemental labeling to add aerial applications and update tank mixing directions
Product Name: Zoecon RF-437 Mosquito Growth Regulator SR-20
EPA Registration Number: 2724-446
Application Date: May 26, 2016
OPP Decision Number: 518021

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.

The supplemental labeling contains some new and/or revised uses and/or directions that may be additional to the uses and/or directions found on the labeling on or attached to the container, but the supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container labeling as combined with the supplemental labeling.

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 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 branch 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

[] optional wording

ZOECON RF-437 MOSQUITO GROWTH REGULATOR SR-20

Alternate brand names: Zoëcon® Altosid® Liquid Larvicide Concentrate
Strike® Midge Control

Prevents emergence of adult floodwater mosquitoes
[Prevents the emergence of adult filter [moth] flies, and midges]
[Keeps infestations under control]

Prevents emergence of adult fleas up to 8 weeks outdoors

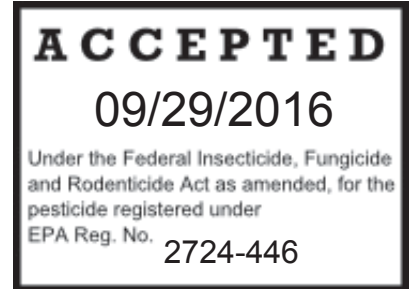
Controls pre-adult fleas (larvae) up to 8 weeks

Biorational [approach to] flea control outdoors

Microencapsulated Formula

Prevents adult mosquito emergence (including those which may transmit West Nile Virus, Zika, chikungunya and dengue)

For control of mosquito larvae using ULV application



ACTIVE INGREDIENT:

(S)-Methoprene (CAS #65733-16-6) 20%

OTHER INGREDIENTS: 80%

TOTAL 100%

Formulation contains 1.72 lb/gal (205.2 g/l) active ingredient

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Back Panel For Additional Precautionary Statements

BECAUSE OF THE UNIQUE MODE OF ACTION OF ZOËCON® RF-437 MOSQUITO GROWTH REGULATOR SR-20, SUCCESSFUL USE REQUIRES FAMILIARITY WITH SPECIAL TECHNIQUES FOR APPLICATION TIMING AND TREATMENT EVALUATION. **SEE GUIDE TO PRODUCT APPLICATION** OR CONSULT LOCAL MOSQUITO ABATEMENT AGENCY.

EPA Reg. No. 2724-446

EPA Est. No.

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID	
Call a poison control center or doctor immediately for treatment advice.	
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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.	

[Note: First Aid statement paragraph format may be used if space is limited.]

ENVIRONMENTAL HAZARDS

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

[INTRODUCTION]

[Zoecon RF-437 is a unique product that controls [mosquitoes][filter [moth] flies (*Psychoda* spp.)][midges (*Chironomidae*)] and other nuisance aquatic insect species [infesting waste water treatment facilities]. Zoecon RF-437 contains an insect growth regulator (IGR) that is effective on the developing [immature] stages of insect pests. Zoecon RF-437 does not kill adults but affects the larval stages as they grow and develop. Zoecon RF-437 stops the formation of pupa of insect pests, thereby eliminating adult populations. Zoecon RF-437 stops the cycle of reproduction, keeping pest infestations under control. Continued use of the product prevents these pests from rebounding into unmanageable infestations.]

DIRECTIONS FOR USE:

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

MIXING AND HANDLING INSTRUCTIONS:

1. **SHAKE WELL BEFORE USING.** Zoecon RF-437 may separate on standing and must be thoroughly agitated prior to dilution.
2. Do not mix with oil; use clean equipment.
3. Partially fill spray tank [container] with water; then add the labeled amount of Zoecon RF-437, agitate and complete filling. Mild agitation during application is desirable. [Accomplish agitation by use of recirculation pump, mixer, air pump, or other suitable equipment.]
4. Use spray solution within 48 hours; always agitate before spraying.

APPLICATIONS

Mosquito Control: Zoecon RF-437 must be applied to 2nd, 3rd, or 4th larval instars of target mosquitoes to prevent adult emergence. Treated larvae continue normal development to the pupal stage where they die. This insect growth regulator **has no effect when applied to pupae or adult mosquitoes**. Zoecon RF-437 has sufficient field life to be effective at label rates when applied to larval stages under varying field conditions. For further information, see **Guide to Product Application**.

For Control of Mosquito Larvae Using ULV Application:

For ground and aerial application to terrestrial sites, apply at the rate of $\frac{3}{4}$ - 1 fluid ounce of product per acre to water-holding containers and other small bodies of water that breed mosquitoes. Use equipment capable of applying a fine mist or ULV. Follow equipment manufacturer's recommendations when making applications. Direct spray applications to sites where mosquitoes breed. These sites include tires and tire piles, potted plants, tree holes, garbage bins, cans, birdbaths, rain barrels, and other water-holding containers and small bodies of water.

For aerial application to terrestrial sites, apply by fixed wing or rotary aircraft. Apply at the rate of $\frac{3}{4}$ - 1 ounce of product to acre diluted with water at a minimum of a 1:1 mix ratio with water. Apply using ULV equipped and capable aircraft. Unlike ULV sprays targeting flying mosquitoes, it is important that spray droplets deposit in targeted areas. Target terrestrial areas where mosquitoes breed. These sites include tires, open containers, garbage bins, birdbaths, and gutters holding small amounts of water. Spray equipment must be adjusted so that the volume median diameter (VMD) produced ranges from 60 microns ($D_{V0.5} < 60\mu$) to 100 microns ($D_{V0.5} < 100\mu$), and that 90% of the spray is contained in droplets smaller than 200 microns ($D_{V0.9} < 200\mu$). Directions from the equipment manufacturer or vendor, pesticide registrant, or test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be calibrated annually to confirm that nozzle flow rate(s) are accurate. Do not apply at altitudes below 100 feet unless using unmanned aircraft designed for low application heights. Apply when wind speed on the ground is ≥ 1 mph and ≤ 10 mph. Apply when wind factors promoting drift are low. For best results, use Global Positioning System (GPS) equipped aircraft.

[Waste Water Treatment Facility Pests: Use Zoecon RF-437 in trickling filters, sludge drying beds, clarifiers, holding ponds, lagoons, influent structures, stagnant or standing water, or other areas of waste water treatment facilities where midges, filter [moth] flies, and other nuisance aquatic insect pests are a problem.]

[What to Expect in Waste Water Treatment Facilities]

[Continuous Flow Sewage {waste water}]

In order to achieve effective results, Zoecon RF-437 must be applied on a daily basis for at least 2 weeks. Failure to apply the material on a daily basis during the treatment phase may result in erratic results. Following initial applications of Zoecon RF-437, a gradual reduction in the number of adult pests will be seen over approximately a 1 week period. Reduction in adult populations will be very noticeable within a two week period following continuous application. Due to varying conditions or heavy infestations, the period to expect control may be longer. Since the mode of action of Zoecon RF-437 is to prevent adult emergence, existing adults and pupa present at the time of initial application will complete their life cycle.

As adult suppression peaks, use a maintenance rate of Zoecon RF-437 for continuous protection from population rebound. However, if application of Zoecon RF-437 is halted following population suppression, rebound of the population can be expected within 2 to 3 weeks after stopping application. For continuous suppression throughout the pest season, continue application of Zoecon RF-437.

Sludge or Solid Waste Applications

For solid waste applications, use 5 fluid ounces per million gallons of sludge or solids. Apply the dilution until the drying beds have been filled. Following filling of the drying beds, the application of the dilution may be halted. Make applications of the dilution at the influent side as the sludge or solids enter into the drying beds. Application of Zoecon RF-437 to solids will prevent the emergence of adult insect pests thereby keeping infestations under control.]

METHODS OF APPLICATION

Aerial: Apply Zoecon RF-437 by aircraft to terrestrial locations where mosquito breeding occurs. Use the amount of Zoecon RF-437 listed below in sufficient water to give complete coverage. One-half to 5 gallons of spray solution per acre (4.7 to 46.8 liters/hectare) is usually satisfactory. Do not apply when weather conditions favor drift from areas treated.

Ground: Determine the average spray volume used per acre by individual operators and/or specific equipment. Mix Zoecon RF-437 in the appropriate volume of water to give the rate per acre shown below.

[Waste Water Treatment Facilities:] [Dilute Zoecon RF-437 with water prior to use. Apply Zoecon RF-437 with a metering pump, drip bucket or other suitable equipment. Metering pumps are the most efficient and accurate method of application. Appropriate dilution of product will be influenced by the method of application. Depending on the dosage rate, prepare the desired volume of dilution to apply over a {6 – 8 hour period} {24 hour period (day tank)}, or in cases of sludge beds, applied until the beds have been filled. When using delivery devices, it is important to calibrate the device to deliver the required amount of Zoecon RF-437 over a {6 – 8 hour period} {24 hour period}. {Sufficient material may be mixed in advance to provide for applications longer than 24 hours.}][For best results, use metering pumps that are capable of delivering material for greater than 24 hours.]

APPLICATION RATE

Mosquitoes: Apply $\frac{3}{4}$ to 1 fl oz of Zoecon RF-437 per acre (55 to 73 ml/hectare) in water as directed.

For Control of Mosquito Larvae Using ULV Application:

Apply at $\frac{3}{4}$ - 1 fluid ounce per acre. Reapply as breeding sites become reinfested or when monitoring indicates an increase in adult populations.

[Waste Water Treatment Pests:]

[Initial Application - 4 - 5 fluid ounces Zoecon RF-437 per 1 million gallons of sewage [waste water] in sufficient water to uniformly apply at the influent side over a 24 hour period.]

[Maintenance Rate - 2.5 - 3.0 fluid ounces Zoecon RF-437 per 1 million gallons of sewage [waste water] in sufficient water to uniformly apply at the influent side over a 24 hour period.]

[To achieve effective results, make initial application rates on a daily basis for 2 weeks without interruption. Use sufficient water/Zoecon RF-437 to achieve uniform application to sewage [waste water] over a 24 hour period. Apply the dilution at the influent side of the particular area to be treated.]

[Maintain initial rate of application for two weeks and then follow the directions for the maintenance rate for continued effectiveness.]

[Application to Waste Water – Trickling Filter:

Apply 5 fluid ounces Zoecon RF-437 per 1 million gallons of sewage [waste water] in sufficient water to uniformly apply the material. Apply at times of low periods of flow (typically evening through early morning hours) for 6 – 8 hours. Discontinue treatment during peak flow periods and repeat applications the following day during the low flow period. Continue this application method for 7 to 10 days or until suppression of pests is achieved. Repeat applications every 15 days or as necessary to control pests.]

Fleas: Apply 1 fluid ounce of Zoecon RF-437 per 1000 square feet in water as directed.

APPLICATION SITES

Pastures: Zoecon RF-437 may be applied after each flooding without removal of grazing livestock.

Rice: Zoecon RF-437 must be applied to 2nd, 3rd, and/or 4th instar larvae of mosquitoes found in rice, usually within 4 days after flooding. Zoecon RF-437 treatment may be repeated with each flooding.

Intermittently Flooded Noncrop Areas: Apply Zoecon RF-437 as directed above when flooding may result in floodwater mosquito hatch. Typical sites include freshwater swamps and marshes, salt marshes, woodland pools and meadows, dredging spoil sites, drainage areas, waste treatment and settling ponds, ditches and other natural and manmade depressions.

Crop Areas: Apply Zoecon RF-437 to irrigated croplands after flooding to control mosquito emergence. Examples of such sites are vineyards, rice fields (including wild rice), date palm orchards, fruit and nut orchards and berry fields and bogs. Irrigated pastures may be treated after each flooding **without** removal of livestock.

Dense vegetation or canopy areas: Apply a Zoecon RF-437 sand mixture using standard granular dispersal equipment. For detailed preparation instructions, refer to Guide to Product Application.

For Fleas Outdoors: (1) When using a hose-end sprayer, place 0.75 fluid ounces of Zoecon RF-437 in bottle, add 6 ounces of water and apply at low pressure. (2) Make sure to apply at 0.75 fluid ounces of Zoecon RF-437 per 15 gallons of water. (3) Apply 0.75 fluid ounces of Zoecon RF-437 in 15 gallons of water to every 750 square feet of residential turf. (4) Pay particular attention to areas where pets frequent, such as, in and around dog houses and runs, and around shrubs, outside decks, and porches. (5) If a large population of fleas is present, use [an outdoor flea control product][brand name of outdoor flea control product] for initial kill of adult fleas.

[Waste Water Treatment Facilities: Apply Zoecon RF-437 to sewage as it flows into trickling filters, sludge drying beds, clarifiers, holding ponds, lagoons, influent structures, stagnant or standing water, or other areas of waste water facilities where pests are a problem.

Apply Zoecon RF-437 as the sewage enters {influent areas} the targeted processing area. Failure to add the material at the influent side may result in erratic results.]

TANK MIXING INSTRUCTIONS:

The user, at his discretion can [tank] mix Zoecon RF-437 with a registered adulticide or other larvicide, such as *Bacillus thuringiensis*, variety *israeliensis* (*B.t.i.*) or *Bacillus sphaericus* (*B.s.*) unless the tank mix product label prohibits such mixing. Use of the resulting tank mixture must be used in accordance with the more restrictive label limitations and precautions.

CHEMIGATION: Refer to supplemental labeling entitled "**Guide to Product Application**" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store in a cool place, away from other pesticides, food and feed. In case of leakage or spill, soak up with sand or another absorbent material. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

For information, call 1/800-248-7763 or visit our Web site: www.altosid.com .

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

Made in USA

ZOECON RF-437 MOSQUITO GROWTH REGULATOR SR-20

PREVENTS EMERGENCE OF ADULT FLOODWATER MOSQUITOES

GUIDE TO PRODUCT APPLICATION

FOR THE FIRST TIME USER

ZOECON RF-437 MOSQUITO GROWTH REGULATOR SR-20 (SR-20) is the result of extensive research into the intricacies of natural biochemical and physiological development of insects. New chemical technology and biological findings were combined to develop a unique mosquito larvicide.

SR-20, an insect growth regulator (IGR), acts by inducing morphological changes which interfere with normal development. These effects, not immediately apparent, result in the failure of adult mosquitoes to emerge from pupae. SR-20 is not a conventional pesticide. It does not produce the nondiscriminatory rapid, directly toxic effects that are associated with traditional larvicides. SR-20 differs from other larvicides you may have used only in the manner and time course of its action after application.

SR-20 is applied to second, third or fourth instar larvae using standard larviciding equipment in a manner similar to other larvicides. After application to second, third or fourth instar larvae at recommended rates, absolutely no effects on larvae will be observed. They will continue developing normally and will pupate. Pupae will appear unaffected, but will eventually die. Adults will not emerge. Infrequently, a few adults may be seen at the water surface but they will have abnormalities preventing flight and will not survive. Because the effect of SR-20 is neither larval death nor widespread mortality immediately following pupation, the number of adults which emerge is the only criterion for accurately assessing control. Checks by dip counts during larval and pupal stages will give no measure of effectiveness.

Refer to the following diagram and checklist, in addition to label instructions for guidance in timing of application and performance evaluation. They will assist you in obtaining the best possible results with this unique product.

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

For information, call 1/800-248-7763

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee, express or implied, is made regarding the performance or stability of any product, since the manner of use and conditions of storage and handling are beyond our control.

CHECK LIST

Things to remember when using SR-20

DO the following:

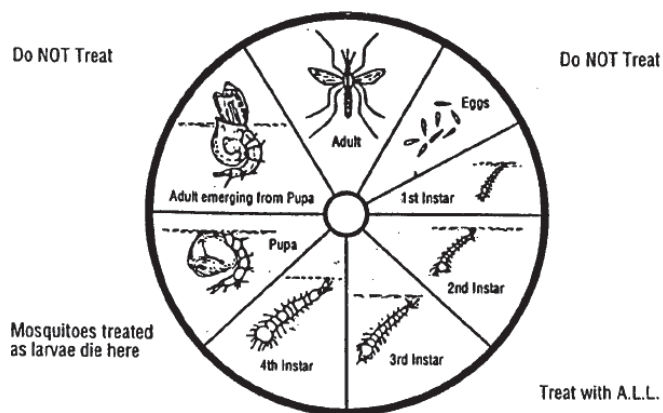
1. **DO** treat second, third and/or fourth instar larvae, not pupae or adults. (First instar larvae are so small they are not readily detectable.)
2. **DO** wait until treated larvae have pupated. Then collect pupae and transfer to laboratory to observe for emergence of adults.
3. **DO** observe pupae for several days, since death of IGR treated mosquitoes occurs when pupae would normally emerge as adults. (Careful observation is necessary since dead pupae decompose rapidly and thus are not easily seen.)
4. **DO** monitor emerging adults at the treatment site. This absolutely requires that emergence traps be placed in treatment areas to capture adult mosquitoes as they emerge.

DO NOT do the following:

1. **DO NOT** take dip counts of larvae after treatment for the purpose of performance evaluation. **Normal looking larvae** will be present.
2. **DO NOT** take dip counts of pupae after treatment for the purpose of performance evaluation. **Normal looking pupae** will be seen but these will not develop into normal adults.
3. **DO NOT** think SR-20 has failed if some adult mosquitoes are flying in treated areas; they probably have flown in from nearby untreated areas. Numbers 2 and 4 of the "**DO**" checklist are the only methods of accurately assessing effectiveness.
4. **DO NOT** spray again, either with SR-20 or a conventional insecticide, because larvae or pupae are present after application. This is normal. The effectiveness of SR-20 can only be measured by lack of adult emergence.

LIFE CYCLE OF MOSQUITO

WHEN TO APPLY ZOECON SR-20 MOSQUITO GROWTH REGULATOR



Preparation of ALTOSAND® Granular Formulation

An "On-Site" Method of Preparing a Granular Formulation of SR-20

INTRODUCTION

A method of application of SR-20, using sand as a carrier, has been developed for use in floodwater mosquito breeding areas with dense vegetation or canopy. The characteristics of ALTOSAND provide excellent foliage penetration, insuring that the active ingredient reaches the water where it is released from the sand.

ALTOSAND will prevent the emergence of species of the floodwater mosquito complex when applied to second, third or fourth larval instars at a rate of ten to thirteen pounds per acre.

PREPARATION INSTRUCTIONS

The following materials are required to prepare a 100 lb. batch of ALTOSAND:

99 lb washed, dry sand (20-45 mesh)
0.5 lb SR-20 (15 fluid oz/lb)
0.5 lb HiSil 233 (silicon dioxide)
Small Funnel
Cement Mixer

1. Measure the time required for a level funnel full of sand to empty.
2. Into a rotating-type mixer, place 99 lb of dry (20-45 mesh) sand. While the mixer is rotating, slowly pour 0.5 lb (7.5 fl oz) of SR-20 onto the sand. (If better wetting is required, SR-20 may be diluted in up to an equal volume of water.)
3. Mix until the sand is uniformly coated with SR-20 (usually 5 to 10 minutes).
4. Stop the mixer and add 0.5 lb of HiSil 233. Cover the mixer to reduce dust. Start the mixer and run for approximately 5 minutes. (The quantity of HiSil 233 necessary to achieve a dry, free-flowing mixture will vary depending on the particle size distribution and moisture of the sand.)
5. Compare the flow rate of the ALTOSAND mixture with that of untreated sand in Step No. 1. Add more HiSil if it flows significantly slower and reduce the amount of HiSil in subsequent batches if the mixture flows at the same or a faster rate and is excessively dusty.

APPLICATION RATE AND METHODS

Apply at a rate of 10 to 13 lb of the final mixture per acre, using standard granular dispersal equipment.

Chemigation: Apply this product only through flood (basin), furrow or border irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Flood (Basin), Furrow and Border Chemigation: Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- * The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- * The pesticide injection pipeline must contain a functional, automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- * The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- * The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- * The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.
- * Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

A pesticide supply tank is recommended for the application of SR-20 by chemigation.

ALTOSAND is a registered trademark of Wellmark International.

EPA Reg. No.: 2724-446

ZOËCON® RF-437 MOSQUITO GROWTH REGULATOR SR-20

Supplemental Labeling

FOR CONTROL OF MOSQUITO LARVAE USING AERIAL ULV APPLICATION AND UPDATED TANK MIXING DIRECTIONS FOR USE

EPA Reg. No. 2724-446

DIRECTIONS FOR USE

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

Read the label affixed to the container for **Zoëcon® RF-437 Mosquito Growth Regulator SR-20** before using.

Important

Use of **Zoëcon® RF-437 Mosquito Growth Regulator SR-20** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Zoëcon® RF-437 Mosquito Growth Regulator SR-20**.

For Control of Mosquito Larvae Using Aerial ULV Application:

For aerial application to terrestrial sites, apply at the rate of $\frac{3}{4}$ - 1 fluid ounce of product per acre to water-holding containers and other small bodies of water that breed mosquitoes. Use equipment capable of applying a fine mist or ULV. Follow equipment manufacturer's recommendations when making applications. Direct spray applications to sites where mosquitoes breed. These sites include tires and tire piles, potted plants, tree holes, garbage bins, cans, birdbaths, rain barrels, and other water-holding containers and small bodies of water. Reapply as breeding sites become reinfested or when monitoring indicates an increase in adult populations.

Tank Mixing Instructions:

The user, at his discretion can [tank] mix **Zoecon RF-437 Mosquito Growth Regulator SR-20** with a registered adulticide or other larvicide, such as *Bacillus thuringiensis*, variety *israeliensis* (*B.t.i.*) or *Bacillus sphaericus* (*B.s.*) unless the tank mix product label prohibits such mixing. Use of the resulting tank mixture must be used in accordance with the more restrictive label limitations and precautions.

For information or in case of emergency, contact 1-800-248-7763.

This labeling must be in the possession of the user at the time of application.

Zoëcon is a registered trademark of Wellmark International.

Registrant:

Wellmark International

1501 East Woodfield Road 200W

Schaumburg, Illinois 60173

www.altosid.com

This supplemental label expires on September 29, 2019 and must not be used or distributed after this date.

