



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 3, 2015

Mr. Warren Smith
Regulatory Affairs
BASF Corporation
26 Davis Drive, P.O. Box 13528
Research Triangle Park, NC 27709-3528

Subject: PRIA Label Amendment – Establishment of Tolerances for Pome and Stone Fruit,
and Crop Group Conversions on Citrus and Tree Nut Groups
Product Name: Altrevin™ Fire Ant Bait Insecticide
EPA Registration Number: 7969-270
Application Date: June 9, 2014
Decision Number: 492128

Dear Mr. Smith:

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec 3 (c)(5). You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

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 the 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 the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 Agency 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.

SEE NEXT PAGE

Page 2 of 2
EPA Reg. No. 7969-270
Decision No. 492128

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at Rodia.Carmen@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Gebken', written over a faint circular stamp.

for Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Registration Division
Office of Pesticide Programs

Enclosure



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ACCEPTED
11/03/2015
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 7969-270

Altrevin

FIRE ANT BAIT • INSECTICIDE

For control of fire ants in citrus fruit, grapes, pome fruit, stone fruit, and tree nuts

Active Ingredient:

Metaflumizone* (CAS No 139968-49-3): 0.063%

Other Ingredients: 99.937%

Total: 100.000%

*(E/Z)-2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-N-[4-(trifluoromethoxy)phenyl]hydrazinecarboxamide

EPA Reg. No. 7969-270

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

FIRST AID	
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
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 the poison control center or doctor. • DO NOT give anything to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes; then continue rinsing. • Call a poison control center for treatment advice.
HOTLINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if absorbed through skin or swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators or other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as rubber or waterproof gloves)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Metaflumizone has the potential to bioaccumulate in aquatic and terrestrial organisms, and may affect the reproduction of birds, mammals, reptiles, and amphibians if not used in accordance with the label directions and restrictions. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to

aquatic organisms in water adjacent to treated areas. Cover, clean up, or incorporate granules that are spilled. Keep spilled granules out of all sewers and open bodies of water. **DO NOT** apply this product directly to bodies of water such as lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, or commercial fish-ponds. **DO NOT** contaminate water when disposing of equipment washwaters.

For Broadcast Applications

DO NOT make broadcast application within 15 feet of perennial fresh water bodies, including lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fishponds. A buffer of uniform groundcover must exist between application zone and borders of aquatic environment (uniform groundcover is defined as land which supports vegetation of greater than a height of 2 inches throughout). When it is necessary to treat active fire ant mounds within the 15-foot buffer zone, make individual mound treatments (as described in the **Application Instructions** section).

DO NOT make broadcast application within 60 feet of estuarine water bodies (brackish water), including tidal water such as bays, mouths of rivers, salt marshes, and lagoons. A buffer of uniform groundcover must exist between application zone and borders of aquatic environment (uniform groundcover is defined as land which supports vegetation of greater than a height of 2 inches throughout). When it is necessary to treat active fire ant mounds within the 60-foot buffer zone, make individual mound treatments (as described in the **Application Instructions** section).

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product by any method not specified on this label. **Aerial application of this product is prohibited.**

DO NOT apply this product when rainfall is forecast within 48 hours. **DO NOT** apply this product in a way that will

contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Keep unprotected persons out of treated area during pesticide applications.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **12 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. This product is formulated in an oil bait. Prolonged exposure to air may turn oil rancid and reduce the attractiveness of the bait. Use within 3 months after opening.

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

(for plastic containers)

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(for paper or plastic bags)

Nonrefillable Container. DO NOT reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by other procedures approved by state and local authorities.

Consult federal, state, or local disposal authorities for approved alternative procedures.

In Case of Spill:

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

Steps to be taken in case this material is released or spilled:

- Sweep up and place in a suitable container for disposal or use according to label directions.
- Remove contaminated clothing and wash affected skin areas with water. Wash clothing before reuse.
- Keep spills out of all sewers and open bodies of water.

Product Information

Altrevin™ Fire Ant Bait Insecticide is an insecticidal bait for fire ant control. **Altrevin** is highly attractive to imported and native fire ants (*Solenopsis* spp.). Worker ants find the bait and carry it into the mound as food for the colony. The bait is eaten, fed to the queen, and the mound is destroyed. Further information regarding fire ants may be obtained from your cooperative agricultural extension service.

Specific Use Sites

Altrevin™ Fire Ant Bait Insecticide can be applied as a soil treatment in:

Grape vineyards

Altrevin can be applied as a soil treatment in orchards and nurseries containing:

Citrus trees

Australian desert lime	New Guinea wild lime
Australian finger lime	Orange, sour
Australian round lime	Orange, sweet
Brown River finger lime	Pummelo
Calamondin	Russell River lime
Chironja	Satsuma mandarin
Citron	Sweet lime
Citrus hybrids	Tachibana orange
Grapefruit	Tahiti lime
Japanese summer grapefruit	Tangelo
Kumquat	Tangerine (mandarin)
Lemon	Tangor
Lime	Trifoliate orange
Mediterranean mandarin	Uniq fruit
Mount White lime	

Pome fruit trees

Apple	Pear
Azarole	Pear, Asian
Crabapple	Quince
Loquat	Quince, Chinese
Mayhaw	Quince, Japanese
Medlar	Tejocote

Stone fruit trees

Apricot	Plum, American
Apricot, Japanese	Plum, beach
Capulin	Plum, Canada
Cherry, black	Plum, cherry
Cherry, Nanking	Plum, Chickasaw
Cherry, sweet	Plum, Damson
Cherry, tart	Plum, Japanese
Jujube, Chinese	Plum, Klamath
Nectarine	Plum, prune
Peach	Plumcot
Plum	Sloe

Tree Nuts

African nut-tree	Hickory nut
Almond	Japanese horse-chestnut
Beechnut	Macadamia nut
Brazil nut	Mongongo nut
Brazilian pine	Monkey-pot
Bunya	Monkey puzzle nut
Bur oak	Okari nut
Butternut	Pachira nut
Cajou nut	Peach palm nut
Candlenut	Pecan
Cashew	Pequi
Chestnut	Pili nut
Chinquapin	Pine nut
Coconut	Pistachio
Coquito nut	Sapucaia nut
Dika nut	Tropical almond
Ginkgo	Walnut, black
Guiana chestnut	Walnut, English
Hazelnut (filbert)	Yellowhorn
Heartnut	

Application Instructions

Apply **Altrevin** at the first sign of fire ant activity. For best results, apply **Altrevin** in the early morning or late afternoon when ants are actively foraging. Fire ants are most active when temperatures are above 60° F. **DO NOT** apply when the ground is saturated with water, heavy dew, or when heavy rains are forecasted within 48 hours. **DO NOT** water-in granules after application. Wait at least 48 hours after application before irrigating treated area. For best results, allow 7 days between bait application and use of a contact insecticide on the bait-treated area.

Broadcast Treatments

Note: Broadcast treatment is only for use in areas having a mound density of at least 1 mound per 2000 square feet (e.g. 40 X 50 ft area). Inspect the treatment area to ensure that conditions warrant a broadcast application of **Altrevin** over the entire area. It is often not necessary to broadcast fire ant bait over an entire area. Individual mound treatments or spot treatments in the areas where fire ants are in greatest concentration may be sufficient.

For broadcast treatment, make application with broadcast equipment capable of applying 1.5 pounds per acre. Calibrate and adjust equipment prior to application to ensure that the proper rate of product will be applied. Retreat after 4 to 8 weeks if needed. **DO NOT** exceed 6.0 lbs/acre or 4 applications per year.

For Individual Mound Treatments and Container-grown Plants

DO NOT disturb the mound. **DO NOT** apply to top of mound. Apply 1 to 2 ozs (2 to 4 level tablespoons) of **Altrevin** per mound, uniformly distributing the product 3 to 4 feet around the mound. Retreat after 4 to 8 weeks if needed.

Application Rates

Treatment	Use Rate	Comments
Broadcast: Imported and native fire ants	2.0 to 3.0 ozs/ 5000 sq ft 1.0 to 1.5 lbs/acre	Broadcast bait uniformly using properly calibrated equipment.
For Individual Mounds and Container-grown Plants: Imported and native fire ants	1.0 to 2.0 ozs (2 to 4 TBSP)	Distribute bait uniformly around the perimeter of the mound. DO NOT disturb the mound during application.

Reapplication Instructions

Altrevin™ Fire Ant Bait Insecticide can provide control for up to 8 weeks (or longer) depending on environmental conditions. Rainfall within 48 hours of application may reduce the effectiveness of **Altrevin** and a repeat application may be necessary to achieve desired level of control. Bait can be reapplied every 4 to 8 weeks if control appears to be fading. **DO NOT** exceed 4 applications per year.

Restrictions and Limitations

- The maximum application rate is 0.001 lb ai/acre (1.5 lbs of **Altrevin** per acre) per application; the maximum number of applications is 4/year; and the minimum retreatment interval is 4 to 8 weeks. **DO NOT** apply more than a total of 0.004 lb ai/acre (6.0 lbs of **Altrevin** per acre) per calendar year.
- **Preharvest interval: DO NOT** harvest earlier than the preharvest interval (PHI) of **5 days**.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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007969-00270.20140321d.**NVA 2013-04-309-0261**
Supersedes: NVA 2007-04-309-0154
Supplemental: NVA 2013-04-309-0265

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



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Supplemental Label

Altrevin 
FIRE ANT BAIT • INSECTICIDE

For the control of fire ants in bearing pome fruit and stone fruit, and in the expanded crops within the citrus fruit and tree nut (including pistachio) crop groups

This supplemental label expires October 30, 2018, and must not be used or distributed after this date.

Active Ingredient:

Metaflumizone* (CAS No 139968-49-3): 0.063%

Other Ingredients: 99.937%

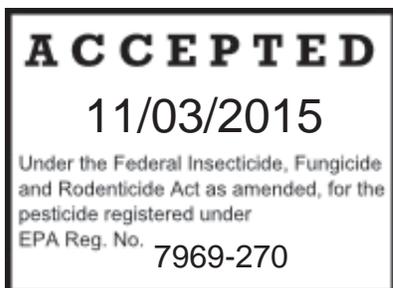
Total: 100.000%

*(E/Z)-2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-N-[4-(trifluoromethoxy)phenyl]hydrazinecarboxamide

EPA Reg. No. 7969-270

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Altrevin™ Fire Ant Bait Insecticide** container label, EPA Reg. No. 7969-270, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Altrevin** before applying.
- **Aerial application of this product is prohibited.**
- **DO NOT** apply this product when rainfall is forecast within 48 hours.
- Use of **Altrevin** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Altrevin**.



Product Information

Specific Use Sites

Altrevin can be applied as a soil treatment in orchards and nurseries containing:

Citrus trees

Australian desert lime	New Guinea wild lime
Australian finger lime	Orange, sour
Australian round lime	Orange, sweet
Brown River finger lime	Pummelo
Calamondin	Russell River lime
Chironja	Satsuma mandarin
Citron	Sweet lime
Citrus hybrids	Tachibana orange
Grapefruit	Tahiti lime
Japanese summer grapefruit	Tangelo
Kumquat	Tangerine (mandarin)
Lemon	Tangor
Lime	Trifoliate orange
Mediterranean mandarin	Uniq fruit
Mount White lime	

Pome fruit trees

Apple
Azarole
Crabapple
Loquat
Mayhaw
Medlar

Pear
Pear, Asian
Quince
Quince, Chinese
Quince, Japanese
Tejocote

Stone fruit trees

Apricot
Apricot, Japanese
Capulin
Cherry, black
Cherry, Nanking
Cherry, sweet
Cherry, tart
Jujube, Chinese
Nectarine
Peach
Plum

Plum, American
Plum, beach
Plum, Canada
Plum, cherry
Plum, Chickasaw
Plum, Damson
Plum, Japanese
Plum, Klamath
Plum, prune
Plumcot
Sloe

Tree Nuts

African nut-tree
Almond
Beechnut
Brazil nut
Brazilian pine
Bunya
Bur oak
Butternut
Cajou nut
Candlenut
Cashew
Chestnut
Chinquapin
Coconut
Coquito nut
Dika nut
Ginkgo
Guiana chestnut
Hazelnut (filbert)
Heartnut

Hickory nut
Japanese horse-chestnut
Macadamia nut
Mongongo nut
Monkey-pot
Monkey puzzle nut
Okari nut
Pachira nut
Peach palm nut
Pecan
Pequi
Pili nut
Pine nut
Pistachio
Sapucaia nut
Tropical almond
Walnut, black
Walnut, English
Yellowhorn

Application Instructions

Apply **Altrevin™ Fire Ant Bait Insecticide** at the first sign of fire ant activity. For best results, apply **Altrevin** in the early morning or late afternoon when ants are actively foraging. Fire ants are most active when temperatures are above 60° F. **DO NOT** apply when the ground is saturated with water, heavy dew, or when heavy rains are forecasted within 48 hours. **DO NOT** water-in granules after application. Wait at least 48 hours after application before irrigating treated area. For best results, allow 7 days between bait application and use of a contact insecticide on the bait-treated area.

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DO NOT make broadcast application within 60 feet of estuarine water bodies (brackish water), including tidal water such as bays, mouths of rivers, salt marshes, and lagoons. A buffer of uniform groundcover must exist between application zone and borders of aquatic environment (uniform groundcover is defined as land which supports vegetation of greater than a height of 2 inches throughout). When it is necessary to treat active fire ant mounds within the 60-foot buffer zone, make individual mound treatments.

Conditions of Sale and Warranty

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BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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007969-00270.20140321f.NVA 2013-04-309-0265

Based on: NVA 2013-04-309-0261

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