



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
279-9534
Date of Issuance:
DEC 16 2010

Term of Issuance:
Conditional

Name of Pesticide Product:
F6129 EW Insecticide

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

~~Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.~~

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is **conditionally** registered in accordance with FIFRA sec. 3(c)(7)(A), provided that:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 279-9534."
 - b) The acute toxicity profile for this product is as follows:

Acute oral toxicity	III
Acute dermal toxicity	IV
Acute inhalation toxicity	IV
Primary eye irritation	III
Primary dermal irritation	IV
Dermal sensitization	Positive

Based on the acute toxicity category route of exposure add, the signal word "CAUTION" to the front panel of the label; on a separate line above child hazard warning statement, "Keep Out of Reach of Children".

Signature of Approving Official:
De'Oranda Alexander
Richard Gebken Product Manager
Insecticide Branch/Registration Division (7505P)

Date:
December 16, 2010

Enclosure

c) Add Precautionary Statements section to read as follows:

“PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

Caution. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear: Long-sleeved shirt and long pants, socks, shoes, and gloves. Wash 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.”

d) Based upon cited efficacy data, outdoor residual efficacy claims are only supported for imported fire ants, for 6 months. Delete all other outdoor residual efficacy claims from the label.

e) Delete the claim “Also Controls Ticks (including ticks that may Transmit Lyme Disease”. There wasn’t acceptable residual control data submitted or cited to support this claim.

f) Delete the outdoor claims against roaches/palemetto bugs/wager bug, scorpions and fleas. There wasn’t data submitted or cited to support these claims.

g) Delete the following claims (see enclosed efficacy review dated 11/29/2010):

- a. “Quick knockdown”
- b. “Kills on contact!”
- c. “Broad-spectrum”
- d. “Southern [Fast Acting] [plus Long Residual] Formula, For Southern Homes [Climates] [Bugs]”
- e. “Also controls [Kills] Ticks (including ticks that may transmit Lyme Disease”
- f. “Provides fast knockdown”
- g. “Kills hidden bugs”
- h. [Formulated to] Kill[s] [Tough] Southern Bugs
- i. “Immediately [quickly] forms [creates] [establishes] a perimeter treatment, a [bug][insect] barrier”
- j. “[New] Barrier Technology keeps bugs out of your home, keeps bugs from coming in, Long lasting Barrier technology”
- k. “Broad spectrum insect control”
- l. “Pyrethroid technology”
- m. “Multi-purpose Insect Killer”

h) All spreading characteristics claims are unacceptable and must be removed from the label. No data was submitted demonstrating the movement of active ingredient into cracks, crevices, harborage, etc., and efficacy in those areas was not assessed.

- i) On page 4, replace the phrase "... impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot an ... etc." with "... impervious surfaces including sidewalks, driveways, patios, porches and structural surfaces (including windows, doors, and eaves) are limited to spot an ... etc."
- 3. Within one year from the date of this notice submit the results of studies for the 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics) studies. Observations are required to be made at 0, 3, 6, 9, and 12 months intervals.
- 4. Reminder, the company's website referenced on your label 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). 40CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. 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. Should the Agency find or if it is brought to our attentions 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.
- 5. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander at www.alexander.bewanda@epa.gov or (703) 305-7460.

ACCEPTED
with COMMENTS
In EPA Letter Dated
DEC 16 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
279-9534

F6129 EW Insecticide

FOR RESIDENTIAL USE ONLY
[For Residential Indoor and Outdoor Use Only]

EPA Reg. No. 279-XXXX EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin ¹	0.050%
Zeta-Cypermethrin ²	0.0125%
Other Ingredients:.....	99.9375%
	100.000%

¹ Cis isomers 97% min, trans isomers 3% max
² Cis/trans ratio: Max. 75% (±) cis and min. 25% (±) trans

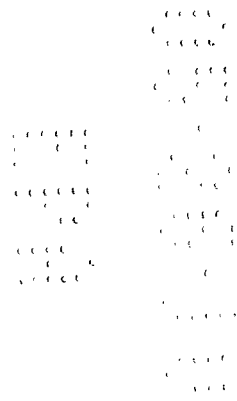
U.S. Patent No. 4,238,505.
Other U.S. Patents Pending

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS:

Optional Instructions for Booklet
[PEEL HERE]
[OPEN RESEALABLE LABEL FOR DIRECTIONS & PRECAUTIONS]
[PRESS TO RESEAL]

Optional instructions for Slide Clip Tape
PULL/PEEL HERE [TO REMOVE TAPE]



FMC
FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia PA 19103

FIRST AID	
If swallowed	Call 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 by mouth 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 for treatment advice.
HOTLINE NUMBER	
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)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
Emergency Information call 1-800-225-2883.	
[For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).]	

<p>ENVIRONMENTAL HAZARDS</p> <p>This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds. This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment area.</p>
<p>PHYSICAL OR CHEMICAL HAZARDS</p> <p>Do not apply this product in or on electrical equipment due to the possibility of shock hazard.</p>
<p>NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.</p>

STORAGE & DISPOSAL

PESTICIDE STORAGE: Keep from freezing. Store in original container in a safe place (secure area).

PESTICIDE DISPOSAL: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Option 1 for TRIGGER SPRAYER [APPLICATOR NAME]

STORAGE AND DISPOSAL [Illustration] [Icon]

PESTICIDE STORAGE: Rotate trigger sprayer nozzle to closed position. Store this product in original container in a secure area. Protect container from freezing.

PESTICIDE DISPOSAL: Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Option 2 for QUICK CONNECT / NESTED TRIGGER SPRAYER [APPLICATOR NAME]

STORAGE AND DISPOSAL [Illustration] [Icon]

PESTICIDE STORAGE [Illustration] Flip down spout to close. NO NEED TO DISCONNECT TRIGGER SPRAYER. Close nozzle on trigger sprayer. Place sprayer back in side clip [carrier] [holder]. [Snap sprayer back in place.] Store this product in original container in a secure area. Protect container from freezing.

PESTICIDE DISPOSAL: Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Option 3 for PULL 'N SPRAY [APPLICATOR NAME]

STORAGE AND DISPOSAL [Illustration] [Icon]

PESTICIDE STORAGE: Completely discharge/dispense product in sprayer prior to storage. Twist sprayer nozzle to the OFF position. Flip down [color of spout] spout on cap. NO NEED TO DISCONNECT SPRAYER HOSE FROM CAP. Place sprayer back in side carrier [clip] [holder]. Store this product in its original container, in a secure area. Protect container from freezing.

PESTICIDE DISPOSAL: Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

	<p>Option 4 for [BATTERY POWERED WAND] [COMFORT WAND] [COMFORT SHOT WAND] [APPLICATOR NAME]</p> <p>STORAGE AND DISPOSAL [Illustration] [Icon]</p> <p>PESTICIDE STORAGE: Flip down [color of spout] spout on cap. NO NEED TO DISCONNECT SPRAYER HOSE FROM CAP. Completely discharge/dispense product in sprayer prior to storage. Twist sprayer nozzle to the OFF position. [Engage trigger lock.] Flip the [applicator name] wand closed and place sprayer back in side carrier [clip] [holder]. Store this product in its original container, in a secure area. Protect container from freezing.</p> <p>PESTICIDE DISPOSAL: If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</p> <p>Option 5 for PUMP 'n GO [EZ SPRAYER] [APPLICATOR NAME]</p> <p>STORAGE AND DISPOSAL [Illustration] [Icon]</p> <p>PESTICIDE STORAGE: When finished spraying, push the [enter color] [yellow] button and push the wand until the [enter color] [yellow] button snaps back into the original storage position. Place wand back onto the bottle with nozzle facing down. Push pump handle all the way down and turn pump handle and cap counter-clockwise to relieve pressure, then retighten prior to storing. Store this product in its original container, in a secure area. Protect container from freezing.</p> <p>PESTICIDE DISPOSAL: Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>
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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Do not water the treated area to the point of run-off
Do not make applications during the rain.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- (1) Treatment to soil or vegetation around structures;
- (2) Application to lawns, turf, and other vegetation;
- (3) Application to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

SPRAYER APPLICATOR LANGUAGE SECTION

--Option 1 [QUICK CONNECT TRIGGER SPRAYER][APPLICATOR [APPLICATORY NAME] DIRECTIONS]---

QUICK CONNECT SPRAYER [TRIGGER SPRAYER][APPLICATOR [APPLICATORY NAME] DIRECTIONS]

- [Illustration 1] Remove sprayer. Pull cord ALL THE WAY OUT.
- [Illustration 2] Insert [color of plug] plug into spout (on cap) until it clicks.
- [Illustration 3] Flip up spout. Open nozzle at end of sprayer

-----**End of Option 1**-----

-----**OPTION 2 [PULL 'N SPRAY] [APPLICATOR [APPLICATORY NAME] DIRECTIONS]**-----

Illustration # 1

- Remove sprayer from side carrier [holder] [clip] and unwrap hose completely.
- Insert [color of plug] plug at end of hose into [color of spout] spout on cap until it clicks.
- Flip up spout.

Illustration #2

- Point sprayer away from body.
- Grasp sprayer by the handle.
- Slowly pull ring at bottom of sprayer handle until it stops to ready the sprayer.

Illustration #3

Twist nozzle at end of sprayer to adjust spray pattern.

Illustration #4

- Press and hold button on sprayer to begin spraying.
- Pull ring at sprayer bottom again as needed to continue spraying.

-----**END OF OPTION 2**-----

-----OPTION 3 [BATTERY POWERED WAND] [COMFORT WAND][COMFORT SHOT WAND][APPLICATOR
[APPLICATOR NAME] DIRECTIONS]-----

[APPLICATOR DEVICE DIRECTIONS]

[1. **Remove**] Remove [applicator name] from side [carrier] [holder] [clip]. [Illustration #1&2]

- [Unwrap hose completely.]
- [Remove protective strip from battery compartment to activate batteries.]

[2. **Connect**] Insert [color of plug] plug at end of hose into [color of spout] spout on cap until it clicks. Flip up spout. Spout must remain up while spraying. [Illustration #3]

[3. **Extend**] Flip open [applicator name] until it locks into position. [Illustration #4]

[4. **Spray**] Twist nozzle at end of [applicator name] to desired spray pattern. Ensure trigger lock is disengaged before spraying. Hold [color of trigger] trigger for continuous spray. [Illustration #5]

HOW TO APPLY/USE: [icon]

Follow illustrations and instructions above. Twist nozzle at end of [applicator name] to desired spray pattern. Point [applicator name] away from body and hold [color of trigger] trigger for continuous spray. Release trigger to stop spray.

[After Use: Twist nozzle to OFF position. [Engage trigger lock.] Flip the [applicator name] closed and store on the side [holder] [clip].

Important Use Information: Do not submerge in water. When storing sprayer for long periods, remove batteries.

To replace batteries: Open battery compartment at bottom of [applicator name]. Remove used batteries and replace with four new AA batteries in correct position as marked per diagram inside battery compartment. Securely close battery compartment door. Always use a complete set of the same type when replacing batteries. Never mix alkaline, carbon-zinc or rechargeable batteries.

-----End of Option 3-----

-----OPTION 4 [Pump 'n Go][EZ Sprayer][APPLICATOR [APPLICATOR NAME] DIRECTIONS]-----

CUT [Illustration # 1]

1. Carefully cut the two [enter color] [white] zip ties securing the hose and pump handle with scissors. Use caution not to cut the [enter color] [white] hose.

CONNECT [Illustration #2]

2. Unwind hose. Firmly push the connector at the end of the hose onto the spout on the pump, until it locks into place.

EXTEND WAND [Illustration #3]

3. Lift sprayer wand off bottle. Push [enter color] [yellow] button while pulling out on the wand nozzle tip. Fully extend wand until [enter color] [yellow] button snaps into SPRAY position. NOTE: [Enter color] [White] trigger will not function until wand is fully extended and [enter color] yellow button is visible in the spray position,

PUMP [Illustration # 4]

4. Pump container 10-20 [X-X] times to pressurize bottle. A full bottle requires fewer pumps than an empty bottle. Pumping to the higher range will provide longer spray duration. After pumping, push pump down and turn handle clockwise to lock into carrying position. NOTE: This bottle is designed to expand under pressure and cannot be over-pressurized.

SPRAY [Illustration # 5]

5. Aim wand. Spray by pushing down [enter color] [white] trigger with thumb. Adjust spray pattern by rotating [enter color] [white] nozzle tip up to one-half rotation.

STORE [Illustration # 6]

6. When finished spraying, push the [enter color] [yellow] button and push the wand until the [enter color] [yellow] button snaps back into the original storage position. Place wand back onto the bottle with nozzle facing down.

DEPRESSURIZE [Illustration # 7]

7. Push pump handle all the way down and turn pump handle and cap counter-clockwise to relieve pressure, then retighten prior to storing.

-----End of Option 4-----

-----Optional Troubleshooting Section for [Battery Powered] [Comfort Wand] [Comfort Shot Wand] [Pump 'N Go] [EZ Sprayer][Applicator [Applicator Name] Directions]-----

Troubleshooting Tips:

Problem: Sprayer does not spray [function].
Possible Cause: Batteries not installed properly.
Solution: See instructions for correct battery placement.

Problem: Sprayer makes a straining noise [Sprayer runs but nothing [no product] comes out].
Possible Cause: Nozzle is turned Off.
Solution: Turn nozzle to [desired] spray setting [position].
Possible Cause: [Red] [color] plug at end of hose is not flipped up.
Solution: Insert [color of plug] plug at end of hose into [color of spout] spout on cap until it clicks and flip up spout.
Possible Cause: Sprayer is not primed.
Solution: Press and hold button on sprayer for about X (10 / 15 / 20 / 30) seconds to prime the sprayer.

Problem: Spray pattern is weak [or uneven] [product flow is uneven or dribbles out of nozzle].
Possible Cause: Weak batteries.
Solution: Install a fresh set of batteries.
Possible Cause: [Red] [color of plug] plug at end of hose is not flipped up.
Solution: Insert [color of plug] plug at end of hose into [color of spout] spout on cap until it clicks. [Attach coupler to the cap] and flip up spout. Possible Cause: Nozzle not fully open.
Solution: Turn nozzle to [desired] spray setting [position].

End of Optional Troubleshooting Section for [Battery Powered] [Comfort Wand] [Comfort Shot Wand] [Pump 'N Go] [EZ Sprayer][Applicator [Applicator Name] Directions]

PRODUCT FACTS

Kills [Controls] (*any or all of the following insects*) Annual bluegrass weevil, Ants(including Argentine, Carpenter, Foraging Fire Ants, Lawn, Pavement, Pharaoh, Pyramid, and Red/Western Harvester), Aphids (including Apple, Black cherry, Buckhorn, Greenbug, Pea, Pecan, Rose, Rosy Apple and Walnut), Apple maggot, Armyworms, Beet Armyworm, Artichoke plume moth, Bagworms, Bedbugs, Bees, Beetles (including Asian Lady, Carpet, Colorado potato, Elm leaf, Flea, Japanese (adults), Mexican bean, Sap, Spotted Cucumber and Striped Cucumber), Billbugs, Biting Flies, Black Turfgrass Ataenius, Black vine weevil, Blueberry spanworm, Borers (including American plum, European corn, Lesser peach tree, Peach tree, Peach twig, Southwestern corn, Squash vine and Stalk), Boxelder bugs, Budworms, Caterpillars (including Alfalfa, Painted Lady, Saltmarsh, Tent and Velvetbean), Centipedes, Cherry fruit fly, Chiggers, Chinch bug (including Hairy and Southern), Cockroaches (including American [Palmetto bug][Water bug], Asian (Oriental) and German), Codling moth, Corn earworm, Corn rootworm (Adults), Corn silkfly, Cranberry fruitworm, Crickets, Curculio (including Cow pea and Plum), Cutworms, Diamondback moth, Earwigs, Eastern Sprucegall adelgide, European Crane Fly, Filbert worm, Firebrats/ Bristletails, Fleas (including Cat and Dog), Fungus Gnats, Grasshoppers, Green Cloverworm, Green fruitworm, Gypsy moth, Hickory shuckworm, Hornets/Yellow Jackets, Hornworm (including Tobacco and Tomato), House fly, Imported cabbageworm, Lacebugs, Lady Beetles, Leafhoppers, Leafminers (including Alder, Tentiform, Vegetable), Leafrollers (including Oblique banded, Red-banded and Variegated), Loopers (including Alfalfa, Cabbage and Celery), Lygus bug, Mealy bug, Midges, Millipedes, Mites (including Broad, Carmine, Clover, Spruce, Two spotted spider, European red and Pecan scorch), Mole crickets, Mosquitoes, Navel orangeworm, Pear psylla, Pecan leaf phylloxera, Pecan nut casebearer, Pecan spittlebug, Pecan stem phylloxera, Periodical cicada, Pickleworm, Pine chafer (grub), Pine Shoot beetle, Plantbugs, Psyllids, Rindworms, Sawflies (including European and Redheaded), Scales (including San Jose, Euonymus, Brown Soft and California Red), Scorpions, Silverfish, Sod webworms, Sowbug [Pillbug][Rollie Pollie], Spiders (including Black widow, Brown recluse, Hobo and Wolf), Silverfish, Spittlebug, Springtails, Squash bug, Stink bugs, Stored product pests (Moths and Beetles), Tarnished plant bug, Thrips, Ticks, Termites, Wasps/Yellow Jackets and Whiteflies.

Also Controls Ticks (including ticks that may Transmit Lyme Disease)

Also Kills Ticks (including ticks that may Transmit Lyme Disease)

For General Insect Control Use

	Indoor Surfaces	Outdoor Surfaces	[In Pantries – <i>Optional Section</i>]
Before You Apply	<ul style="list-style-type: none"> • Cover or Remove Exposed Food (including pet food) • Cover All Food Processing surfaces and Utensils 	<ul style="list-style-type: none"> • Do Not allow this product to contact Water supplies • Do not spray into air 	<ul style="list-style-type: none"> • [Cover or Remove Exposed Food (including pet food)] • Remove all items from pantry and clean pantry thoroughly
How to Apply	<ul style="list-style-type: none"> • Shake Well • <i>Set spray nozzle to indoor [sprayer icon] setting.</i> • Hold sprayer 12 inches from surface being sprayed. • (Apply a 4-inch wide band along the surfaces being treated) (Apply a 4-inch wide band along the interior of your home in areas where insects are a re-occurring problem) • Spray until slightly wet without soaking. <p><i>Image of typical Indoor Application</i></p> <p>[Kitchens] [Bathrooms] [Doors & Windows] [Basements]</p>	<ul style="list-style-type: none"> • Shake Well • <i>Set spray nozzle to outdoor [sprayer icon] setting.</i> • Hold sprayer 12 inches from surface being sprayed. • (Apply a 12-inch wide band along the surfaces being treated) (Apply a 12-inch wide band along the exterior of your home in areas where insects are a re-occurring problem) • Spray until slightly wet without soaking. • <i>Image of typical Outdoor Application</i> <p>[Perimeter Foundations] [Garages] [Doors & Windows] [Patios & Decks]</p>	<ul style="list-style-type: none"> • Shake Well • <i>Set spray nozzle to indoor [sprayer icon] setting.</i> • Spray cracks and crevices along shelves in pantries. • Spray until slightly wet without soaking. • Replace non-infested items once spray has dried.] <p><i>[Image of typical Pantry]</i></p>
After You Apply	<p><i>[reentry icon]</i> People and Pets may re-enter treated area after spray has dried.</p> <ul style="list-style-type: none"> • Thoroughly wash all food processing surfaces and utensils with soap and water before reuse • Repeat as needed, Re-treatment is recommended at least once per season (3 months) outdoors. • For long-lasting residual control/action leave spray undisturbed. The product will keep on killing for up to 12 months* 		
Fleas and Ticks (Including ticks that may transmit Lyme Disease)	<p>Do not Spray Animals</p> <p>Pets resting quarters may be treated with this product. Spot treat infested areas such as pets resting quarters and localizer areas of floors/floor coverings (rugs, carpet, tile, vinyl & wood) where pets may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of pet area. To control then source of flea infestation, pets inhabiting the treated premises should themselves be treated with a product registered for application to animals.</p>		

Optional Marketing Claims for General Insect Control Use

12-Month Claims

- Up to 12 month control [protection]*
- Kills [Controls] [Protects] [for] up to 12 months*
- Kills [listed] bugs inside all year*
- Kills [listed] home invading bugs all year*
- Kills [listed] indoor bugs all year*
- Creates a barrier that will kill bugs you have and prevent new bugs for up to 12 months*.
- Creates a perimeter/border/residual treatment that will kill bugs you have and prevent new bugs for up to 12 months*.

Qualifier Option 1: * [applies to] [for] Ants, Roaches [palmetto bug][water bug], & Spiders indoors on non porous surfaces

Qualifier Option 2: * [applies to] [for] American Cockroach [palmetto bug][water bug], carpenter ant, pharaoh ant, striped tail scorpion, black widow spider, brown recluse spider indoors on treated non porous surfaces within minutes of exposure.

Qualifier Option 3: * [applies to] [for] American Cockroach [palmetto bug][water bug], German cockroach, carpenter ant, pharaoh ant, striped tail scorpion, black widow spider, brown recluse spider indoors on treated non porous surfaces after 2 hour continuous exposure.

Qualifier Option 4: * [applies to] [for] American Cockroach [palmetto bug][water bug], German cockroach, carpenter ant, pharaoh ant, striped tail scorpion, black widow spider, brown recluse spider, centipedes indoors on treated non porous surfaces after 24 hour continuous exposure.

6-Month Claims

- Up to 6 month control [protection] outdoors*
 - Kills [Controls] [Protects] [for] up to 6 months outdoors*
 - Kills [listed] bugs outdoors for 6 months*
 - Kills [listed] bugs [indoors] [and] [outdoors] for 6 months*
- * Applies to [for] spiders (excluding black widow, brown recluse, hobo)

5-Month Claims

- Keeps bugs away for up to 5 months indoors on listed insects[†]
 - Kills bugs inside, keeps bugs out for up to 5 months[†]
 - [One application provides] up to 5 month control indoors of listed insects[†]
 - Provides up to 5 months protection indoors[†]
 - [One application] kills [bugs] [insects] up to 5 months indoors on listed insects[†]
 - [One application] kills ants, roaches [and spiders] for up to 5 months indoors[†]
 - Keeps ants, roaches [and spiders] away for up to 5 months indoors[†]
- [†]Up to 5 month control indoors on: Ants (including Western Harvester), Carpet Beetles, Crickets, Firebrats, Moths, Silverfish and Spiders on treated non-porous surfaces after 5 minutes continuous exposure to residues. 5 month control indoors on German Cockroaches after 30 minutes continuous exposure to residues.

4-Month Claims

- Up to 4 month control [protection] outdoors*
 - Kills [Controls] [Protects] [for] up to 4 months outdoors*
 - Kills [listed] bugs outdoors for 4 months*
 - Kills [listed] bugs [indoors] [and] [outdoors] for 4 months*
- *Applies to [for] spiders (excluding black widow, brown recluse, hobo)

3-Month Claims

- Up to 3 month control [protection] outdoors*
 - Kills [Controls] [Protects] [for] up to 3 months outdoors*
 - Kills [listed] bugs outdoors for 3 months*
 - Kills [listed] bugs [indoors] [and] [outdoors] for 3 months*
- * Applies to [for] spiders (excluding black widow, brown recluse, hobo), harvester ants, roaches / palmetto bugs/ water bug, striped scorpions, fleas, crickets, grasshoppers

Egg Killing Claims

Kills beet armyworm, two spotted spider mites, Asian Lady Beetle and their eggs

(Plus) kills insects and their eggs**

(Now) (new formula) kills insect eggs**

Prevents insect eggs from hatching!**

Up to 12 month control* plus kills insect eggs**

**Applies to (for) beet armyworms, two spotted spider mites and Asian Lady Beetles

Dual Ingredient Claims

Two active ingredients in one product

Dual Action

[Dual Action] Fast Acting plus Long Residual

[Dual Action] Quick Knockdown plus Extended Residual Control

General

Guaranteed*

[New] Fast-acting formula (new only to be used for 6 months after product is introduced)

New (only to be used for 6 months after product is introduced)

New formula (only to be used for 6 months after product is introduced)

Ready to Use

No Mixing Necessary

Easy to Use

Kills on contact!

Kills by contact!

[icon] People and pets may re-enter treated areas after spray has dried

10% more bonus size (applies to 1.1 gal size)

Broad-spectrum

33% more than 1 gallon size (applies to 1.33 gal size)

Southern [Fast Acting] [plus Long Residual] Formula

For Southern Homes [Climates] [Bugs]

Water Based Marketing Claims

Non-Staining
No Stains
Does not Stain
Dries clear
Virtually Odor Free
Odorless
Odor Free
Fragrance-Free
Unscented
No lingering odor
Dries fast
Water based [formula] [*water droplet icon*]
Non-flammable
Gets into cracks and crevices

Location of Use Claims

Use in garage[s] and/or basement[s] and/or attic[s] to keep bugs/insects from coming into [entering] the [your] home.
Use [Can be used] in garage[s] and/or basement[s] and/or attic[s]
Use with confidence in garage[s] and/or basement[s] and/or attic[s]
[Formulated] [For] Indoor Use
Indoor Formula
Indoor/Outdoor [Formula]
[Formulated] [For] Indoor/Outdoor Use
[Formulated] [For] Outdoor Use
Outdoor Formula
Apply along [baseboards] [foundations]
Use with confidence in [bathrooms], [kitchens], [family rooms], [pantries], [attics], [garages], [basements], [closets], [storage areas], and [bedrooms].

Perimeter Treatment Claims

Apply [as] a barrier
Apply as a border around your home
Apply [as] a (perimeter/border/residual treatment)
Creates a [bug] barrier
Creates a [bug] border
Creates a perimeter treatment
Long lasting bug barrier
Long lasting bug border
Long lasting perimeter treatment

Kill Claims

Kills insects, spiders and Ticks
Kills Roaches, Ants, Fleas, Ticks, Spiders, Earwigs, Silverfish, and other listed insects
Kills Home invading Pests / Insects
Also controls [Kills] Ticks (including ticks that may transmit Lyme Disease)
Kills bugs inside. Keeps bugs out(side)
Provides Fast Knockdown
Visible activity against listed bugs within minutes
Kills hidden bugs
Starts killing within minutes.
Starts acting within minutes
Kills [1...156] Insects* (see insect list)
[Formulated to] Kill[s] [Tough] Southern Bugs

Applicator Claims

Continuous spray wand

Comfort wand

Pull 'n Spray®- No hand fatigue!

Continuous, Adjustable Spray

The easy way to spray

The easier way [to spray], [to kill bugs], [to kill insects]

For Garden & Vegetable

<p>Kills Bugs [Insects] [Pests]</p>	<p>Garden Pests [Bugs] [Insects] [Controlled] [Killed]: Aphids, beetles, caterpillars, whiteflies and [&] other garden pests [more]</p> <p>ON ORNAMENTAL PLANTS INCLUDING: ROSES, FLOWERS, SHRUBS, AND [&] SMALL [SHADE] [NON-FRUIT BEARING] TREES</p> <p>Aphid, armyworm, bagworms, billbug, crickets, cutworms, Eastern spruce gall adelgade, elm leafbeetles, European pine sawfly, fall webworm, flea beetle, grasshoppers, greenbug aphids, gypsy moth, hornets, Japanese beetle (adults), lacebug, lady beetles [asian lady beetles] [lady bugs], leafhopper, loopers, lygus bug, mealybugs, mimosa webworms, mosquitoes, northern pine weevil, oak webworm, orchard weevil, periodical cicada, pine chaffer, pine shoot weevil, plantbug, redheaded pine sawfly, saltmarsh caterpillar, sap beetle, sawfly, silverfish, spittlebug, springtails, spruce mites, stink bug, tarnished plant bug, tent caterpillar, thrips, two-spotted spider mite, wasp, whitefly, and Zimmerman pine moth.</p> <p>ON LISTED VEGETABLES, MELONS, FRUIT and NUT TREES</p> <p>Aphids, alfalfa caterpillar, alfalfa looper, American plum borer, apple aphid, apple maggot, armyworms, artichoke plume moth, beet armyworm, black cherry aphid, black vine weevil, blueberry spanworm, buckhorn aphid, cabbage loopers, carrot weevil, celery looper, cherry fruit fly, chinch bug, clover mites, codling moth, Colorado potato beetle, corn earworm, corn rootworm (adults), corn silkworm (adult), cow pea curculio, cranberry fruitworm, cranberry weevil, crickets, spotted and striped cucumber beetle (adults), cutworms, diamondback moth, European corn borer, fall webworm, filbert worm, flea beetle, grasshoppers, green cloverworm, green fruitworm, hickory shuckworm, imported cabbageworm, lacebug, leafhopper, leafrollers, lesser peach tree borer, loopers, lygus bug, Mexican bean beetle, naval orangeworm, oblique banded leafroller, oriental fruit moth, painted lady caterpillar, pea aphid, pea weevil, peach tree borer, peach twig borer, pecan nut casebearer, pecan spittlebug, pecan leaf phylloxera, pecan stem phylloxera, pear psylla, pecan aphid, pecan weevil, pepper weevil, pickleworm, plantbug, plum curculio, potato leafhopper, potato psyllid, potato tuberworm, red-banded leafroller, red striped fireworm, rindworm, rosy apple aphid, saltmarsh caterpillar, San Jose scale (fruit only), sap beetle, southwestern corn borer, squash bug, squash vine borer, stalk borer, stink bug, tarnished plant bug, tentiform leaf miner, tobacco hornworm, tomato fruitworm, tomato hornworm, tomato pinworm, tufted apple budmoth, vegetable leafminer, velvetbean caterpillar, variegated leafroller, walnut aphid, walnut husk fly, weevils, western bean cutworm, and whitefly.</p> <p>Nuisance Pests (outdoors): Ants [including carpenter, foraging fire ants, red harvester, pavement, odorous, pyramid, pharaoh and Argentine], cockroaches, spiders, ticks (including ticks that transmit Lyme disease) and [&] other nuisance pests [more]</p> <p>[Option to list other pests here that are listed elsewhere on the label]</p>
<p>Where to Use</p>	<p>On Roses, flowers, shrubs [, lawns, trees and other ornamentals], vegetables, [nuts] and [&] fruit trees</p> <p>Outdoor [and indoor] surfaces of building, porches, [stored lumber] and [&] patios</p> <p>[Option to list other sites here that are listed elsewhere on the label]</p>
<p>How to Apply [optional illustration]</p>	<p>[Specific applicator Instructions]</p> <ul style="list-style-type: none"> • Garden Pests: Hold Sprayer [wand] about 12 inches from plant. Thoroughly cover all the plant surfaces until slightly wet, but not to the point of runoff. <i>Alternate text:</i> Spray plant to wet the upper and lower leaf surfaces until wet, but not to the point of runoff. • Nuisance Pests: Apply directly to the listed pests (in outdoor areas). Also spray (outdoor) [and indoor] surfaces of building, porches, patios, garages, and [&] other areas where these bugs [insects] [pests] have been seen or are found. Do not spray in or near fishponds or other bodies of water. <p>Alternate text:</p> <ul style="list-style-type: none"> • Nuisance Pests: Apply directly to the listed pests (in outdoor areas).

	<ul style="list-style-type: none"> Outdoor Surfaces: Spray buildings, porches, patios, garages, and [&] other areas where these bugs [insects] [pests] have been seen or are found. Do not spray in or near fishponds or other bodies of water.
When to Apply <i>[optional illustration]</i>	Apply as necessary to maintain control waiting at least 7 days between each application.

VEGETABLES AND FRUITS	DAYS TO WAIT TO HARVEST	CALIFORNIA DAYS TO WAIT TO HARVEST
Corn (Sweet corn)	3	3
Tomatoes	1	1
Blackberries, Raspberries	3	3
Lima Beans	3	3
Peas (Green pea, Snow pea, Sugar Snap pea), Beans (Snap bean, Wax bean), Blackeyed pea	3	3
Chayote (fruit), Cucumber, Edible gourds, Cantaloupe, Casaba, Honeydew melon, Pumpkin, Summer squash (Zucchini), Winter squash (Butternut squash, Acorn squash, Spaghetti squash), Watermelon	3	3
Mustard Greens	7	Do not use
Broccoli, Chinese broccoli, Cabbage, Cauliflower,	7	7
Peppers (Bell and Non-bell), Eggplant	7	7
Head lettuce,	7	7
Pears	14	14
Pecans	21	21

[reentry icon] People and Pets may re-enter treated area after spray has dried.

Optional Marketing Claims for Garden Pests

One Application:

Kills Beetles (including Japanese Beetle), Caterpillars (including Tomato Hornworm), Ants, Armyworms, Ticks (including ticks carrying Lyme disease [including ticks that may transmit Lyme disease]) and [&] other garden and [&] nuisance pests [insects] [bugs] [plus others listed!]

Kills Beetles, Caterpillars, Ants Ticks and [&] More

Kills [Controls] [1, 2, 3 . . . 100] listed insects [bugs] [pests] on vegetables, flowers, small trees and [&] shrubs

Kills [Controls] [1, 2, 3 . . . 100] listed garden and nuisance pests without harming roses, flowers or shrubs

Kills by contact

Kills [1, 2, 3 . . . 100] listed insects [bugs] [pests] by contact

On [For] [For use on] Roses, Flowers, Small Trees, Shrubs, Fruits, Vegetables and [&] Other Outdoor Surfaces [Areas]

Can be used on [most popular] fruits & vegetables (*see back panel for details*)

Use in [on] Vegetable Gardens

Fast Acting Formula

New Improved Formula

[Reapply as directed for a more beautiful garden]

Guaranteed Kill or your money back

Use on *lawns, around home perimeter*, ornamentals, flowers, trees, shrubs, vegetables & fruit trees.

Kills Ticks that may transmit Lyme disease

Kills mosquitoes that may transmit West Nile virus

Provides residual control for up to 6 weeks

Kills aphids, mites, caterpillars, beetles, whiteflies, sod webworms, chinch bugs, mole crickets, ants, fleas, ticks, & mosquitoes.

Broad spectrum insect control

Provides fast knockdown

Protects lawns

Pyrethroid technology

F6129 EW kills/controls outdoor insects/pests by contact so you and your family can enjoy a beautiful lawn and garden.

Kills [1, 2, 3 . . . 150] listed insects

Controls [1, 2, 3 . . . 100] listed garden and nuisance pests. This easy to use one-step bug killer quickly kills insects without harming your roses, flowers or shrubs. Reapply [F6129 EW] as directed for a more beautiful garden.

General Optional Marketing Claims for General Insect Use or Garden Use

[Specifically] formulated for residential use.

Ready-to-Use

[icon] Water based

Contains a Pyrethroid Insect Killer

Multi-purpose Insect Killer

Questions, Comments or Medical Information?

¿Preguntas, Comentarios o Información Médica?

1-800-225-2883 [*phone icon*]

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[www.orthohomedefense.com]

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Note to PM: the term cockroach can be interchanged with any and all instances of roaches and vice versa.

Note to PM: the term insects can be interchanged with any and all instances of bugs, pests and vice versa.

Note to PM: New! to be used for 6 months after commercial introduction of new claim/feature

[Dealers Must Sell in Original Packages Only.]

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