

9591-170

( 6/11/2012 )

1098

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Sharon M Johnson c/o  
Reg Guide  
509 Tower Valley Drive  
Hillsboro, MO 63050

JUN 11 2012

Subject Amended Reregistration Label  
Product Name Prokill Choice Insecticide  
EPA Registration Number 9591-170  
EPA Decision Number 412983

Dear Ms Johnson

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED, and has concluded that your submission is acceptable

NOTE This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

Please be reminded that 40 CFR Part 156 140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- 1 Basic CSF dated >> 11/23/11

A copy of your label is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be


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subject to cancellation in accordance with FIFRA sec 6(e)

If you have any questions about this letter, please contact Gene Benbow at 703-347-0235  
or [benbow\\_gene@epa.gov](mailto:benbow_gene@epa.gov)

Sincerely,

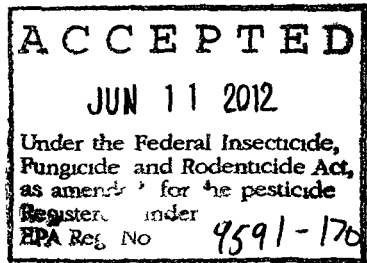


 Richard J Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures*    *Acute Toxicity Review dated 10/20/11*  
*Product Chemistry Review dated 12/08/11*  
*Stamped Accepted Label dated JUN 11 2012*

# PROKILL® CHOICE INSECTICIDE

- For Residential/Domestic Use
- [Water Based Permethrin Insecticide
- Odorless in Application
- A Ready To Use and Dilutable Permethrin Based Emulsion Insecticide
- Makes up to 32 Gallons
- For Use Outdoors in Gardens on Ornamental Trees Shrubs and Flowers
- For Use Outdoors
- Will Not Stain Water Safe Fabrics and Surfaces
- For Use Indoors and Outdoors on listed Crawling and Flying Insects
- For Use on Dogs to Control Fleas and Ticks
- For Use on Poultry to Control Lice and Mites
- Controls Fleas and Ticks on Dogs for 14 Days
- For Control of Ticks which may cause Lyme disease on Premises
- Provides 60 Day (Two Months) Control of Cockroaches Fleas and Stored Product Pests
- Multi Purpose Ready To Use Water Based Bug Killer
- Do It Yourself Pest Control
- Easy to Use Just Spray Affected Areas
- Use Indoors and Outdoors Broad Spectrum Insecticide for Control of Cockroaches Mosquitoes Ants Spiders Flies Moths Fleas Lice Bedbugs Crickets Grasshoppers and other Listed Pests
- No Odor Non Staining No Sticky Residue
- Kills Crawling Insects Including Cockroaches Ants Fire Ants Fleas Spiders Ticks Lice Silverfish Earwigs Beetles Bedbugs Crickets and More!
- Kills Flying Insects Including Flies Moths Mosquitoes Gnats Hornets Wasps Black Flies and More
- For Use on Mattresses & Furniture
- Lice Control Spray in a Non Aerosol Bottle
- Pet Spray for Dogs to Control Fleas Ticks and Lice
- Lawn & Garden Insect Control
- For Livestock and Premise Use
- (lice control products only NOT FOR USE ON HUMANS)



<b>ACTIVE INGREDIENT</b>	
Permethrin <sup>1</sup>	0.50%
<b>OTHER INGREDIENTS</b>	99.50%
	<u>100.00%</u>

<sup>1</sup> Cis/trans ratio max 5 / (+) cis and min 65 / (+) trans

**PRECAUCION AL CONSUMIDOR** Si usted no lee ingles no use este producto hasta que la etiqueta le haya sido explicada ampliamente  
**(TO THE USER)** If you cannot read English do not use this product until the label has been fully explained to you )

EPA REG NO 9591-170

EPA EST NO

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

See rear panel for additional precautions

NET CONTENTS

**READ ENTIRE LABEL BEFORE EACH USE  
PET USE APPLIES TO USE ONLY ON DOGS**

**PRECAUTIONARY STATEMENTS**

**Environmental Hazards**

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. 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. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**DIRECTIONS FOR USE**

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

**USE RESTRICTIONS**

- Except when applying to dogs and livestock, do not enter or allow others to enter until sprays have dried.
- Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers, storm drains, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Product must not be used in dairy barns or facilities.
- Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans.
- Not for use on plants being grown for sale or other commercial use or for commercial seed production or for research purposes. Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed.

**SHAKE WELL BEFORE USING**

Do not use on electrical equipment or on surfaces that can be harmed or stained by water.

**INDOOR APPLICATION**

Do not apply as a broadcast treatment to indoor surfaces at residential sites. Apply only as baseboard, crack and crevice or spot treatments. Do not use as a space spray indoors. In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Cover or remove exposed food/feed.

Ready to use. Affix trigger pump or other type sprayer to container for application. Do not transfer to another container.

**SURFACE SPRAYING**

For control of *Cockroaches*, *Waterbugs*, *Palmetto Bugs*, *Scorpions*, *Millipedes*, *Centipedes*, *Sowbugs*, *Pillbugs*, *Ants*, *Silverfish*, *Firebrats*, *Spiders*, *Crickets*, *Clover Mites*, *Cheese Mites*, *Granary Weevils*, *Rice Weevils*, *Confused Flour Beetles*, *Rust Red Flour Beetles*, *Drugstore Beetles*, *Meal Worms*, *Grain Mites* and *Caddises*. Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For *silverfish*, spray bookcases. For *ants*, spray trails, nests and points of entry.

To control *Carpet Beetles*, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving.

To control *Bedbugs*, spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated articles to dry thoroughly before use.

To control *Fleas* (adults and larvae) and *Ticks*, including ticks which may carry Lyme disease (adults and larvae). Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Allow to dry thoroughly before allowing pets to contact treated areas.

To control *Clothes Moths*, remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages, directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

To kill *Lice* and *Louse Eggs*, spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

**ON LIVESTOCK**

Ready to use. Affix trigger pump or other type of sprayer to container for application. Do not transfer to another container.

TO PROTECT CATTLE (BEEF AND DAIRY) GOATS SHEEP HOGS AND HORSES FROM **HORN FLIES FACE FLIES HOUSE FLIES MOSQUITOES AND GNATS** Apply a light mist sufficient to wet the surface of the hair For face flies spray face and head but do not spray into eyes

To control **Stable Flies Horse Flies and Deer Flies** Apply at a rate of 2 ounces per adult animal sufficient to wet the hair thoroughly Repeat treatment daily or at intervals necessary to give continued protection

To control **Blood sucking Lice** Apply to the infested areas of the animal using a stiff brush to get the spray to the base of the hair Repeat every 3 weeks if required

To control **Poultry Lice** Spray roosts walls and nests or cages thoroughly This should be followed by spraying over the birds with a fine mist

To control **Bedbugs and Mites** in poultry houses Spray crevices of roost poles cracks in walls and cracks in nests where the bedbugs and mites hide

**ON DOGS**

Ready to use Affix trigger pump or other type of sprayer to container for application Do not transfer to another container To control **Flies Ticks and Lice** Start spraying at the tail moving the dispenser rapidly and making sure that the animal's entire body is covered including the legs and underbody While spraying fluff the hair so that the spray will penetrate to the skin Make sure spray wets thoroughly but do not saturate animal Do not spray into eyes or face Avoid contact with genitalia Use protective gloves or mitts when applying product Repeat application every two weeks if necessary DO NOT USE ON CATS OR KITTENS Do not use on dogs under twelve (12) weeks old Consult a veterinarian before using this product on medicated debilitated aged pregnant or nursing animals Sensitivities may occur after using ANY pesticide product for pets If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water If signs continue consult a veterinarian immediately

**OUTDOOR APPLICATION**

Not for use in outdoor residential misting systems

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) Applications to lawns turf and other vegetation 3) Applications 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

Do not water the treated area to the point of runoff Do not make applications during rain

FOR CONTROL TICKS INCLUDING TICKS WHICH MAY CARRY LYME DISEASE (PERIMETER TREATMENT) Ready to use Affix trigger pump or other type of sprayer to container for application Do not transfer to another container

Use this product as a residual treatment to control **Ticks** including the **Deer Tick (Ixodes scapularis) Lone Star Tick (Amblyomma americanum) Brown Dog Tick (Rhipicephalus sanguineus) American Dog Tick (Dermacentor variabilis) and Western Black legged Tick (Ixodes pacificus)** For each area listed below apply until surface is wet (approximately 1 gal/750-1000 ft<sup>2</sup>)

Treat around windows and doors porches screens eaves patios garages under stairways and in crawl spaces where these pests may enter

Treat a band of vegetation and leaf litter 6 to 10 feet wide around the outside of buildings to help control ticks occurring there

To help control ticks in outdoor activity areas treat a band of vegetation and leaf litter 6-10 feet wide and adjacent to activity areas especially where dense vegetation occurs

PESTS ON THE OUTDOOR SURFACE OF BUILDINGS To temporarily control **Houseflies Mosquitoes Cluster Flies Gnats and Flying Moths** For outdoor use only as an aid in reducing annoyance from these insects

Dilute before using Use clean sprayer Carefully measure and mix 1 fluid ounce of this product and 24 fluid ounces of water Using dilute mixture spray pests on outside surfaces of screens doors window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches in garages and other places where these insects alight or congregate Flush sprayer with clean water after each use

**FOR CONTROL OF ORNAMENTAL GARDEN INSECTS**

Ready to use Affix trigger pump or other type of sprayer to container for application Do not transfer to another container [OR Insert canister into the fertigation system in the slot marked insecticide Attach hoses with clamps Turn valve to on position Product will automatically dispense at the desired application rate ]

For use on roses dahlias asters and other ornamentals to kill Japanese Beetles hit by spray as well as **Whiteflies Aphids Exposed Thrips Spiders Red Mites and Leafminers** May be used on plants as a multipurpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas

May also be used on other plants such as African violets asters azaleas begonias camellias carnations chrysanthemums dahlias delphiniums dogwoods English ivy Funonimus fuschia geraniums crassula grape vines Kentia palms laurels marigolds rhododendrons roses rubber

plants snapdragons stocks wandering Jews and zinnias

Effective when used as directed against *Whiteflies Aphids Spider and Red Mites Exposed Thrips Lace Bugs Japanese Beetles Pavement Ants Clover Mites and Armyworms*. When spraying plants do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage young plants and new growth. Do not spray plants when temperatures exceed 90 F. Contact insects directly whenever possible.

ORNAMENTAL TREES AROUND THE HOME Dilute before using. Use clean sprayer. Carefully measure and mix 1 fluid ounce of this product and 24 fluid ounces of water [OR pour undiluted product into fertigation canister. Product will automatically dilute with the required amount of water.] Using dilute mixture use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Use to control **Ash Borer** on Ash **Pine Moths Pine Needle Miners Pine Beetles and Needle Scales** on pine **Budworms** on conifers **Oakworms** on oak **Fall Webworms** on cherry elm and honeysuckle **Aphids** on tulip poplar **Citrus black flies** on non bearing citrus **Tussock Moths** on Douglas and grand firs **Leafminers** on birch **Elm Leaf Beetles** and **Elm Spanworms** on elms. Flush sprayer with clean water after each use.

FOR HOME VEGETABLE GARDENS Dilute before using. Use clean sprayer. Carefully measure and mix 1 fluid ounce of this product and 24 fluid ounces of water. Spray upper and lower leaf surface as directed. Use sufficient spray to obtain full coverage of all foliage but do not spray to the point of runoff. Apply no more than 13 ounces of dilute mixture over 100 linear feet of row (13 ounces of diluted mixture per 100 square feet.) Flush sprayer with clean water after each use.

VEGETABLE	TARGET PESTS	REMARKS
Asparagus (pre harvest)	Cutworms asparagus beetle	Spray plants as needed to ensure uniform coverage. Apply every 7 days as needed. Do not make more than 4 applications per season. Can be applied up to 3 days prior to harvest.
Asparagus (post harvest)	Larval stages of asparagus beetle tarnished plant bugs lygus bugs and adult Japanese beetles	Treat fern or bush growth after spear harvest when insects are present.
Celery see leafy vegetables		
Cole Crops Broccoli Brussels Sprouts Cabbage Cauliflower	Beet armyworm diamond back moth imported cabbage worm cabbage aphid cabbage looper	Apply every 5 days as needed. Can be applied up one day prior to harvest. Do not make more than 10 applications on cabbage and 8 applications on the other cole crops.
Corn see sweet corn		
Cucurbits Balsam pear(bitter melon) Chinese waxgourd (Chinese melon) Citrus melon cucumber Gherkin Edible gourds Melons including hybrids such as cantaloupe casaba crenshaw honey dew honey balls mango melon muskmelon and Persian melon pumpkin summer & winter squash watermelon	Aphids cabbage loopers cucumber beetles (adults) cutworms leafhoppers leafminers melonworms pickleworms plant bugs and squash bugs	Apply every 7 days as needed. Spray plants to ensure uniform coverage. Do not make more than 8 applications per crop. Can be applied up to the day of harvest.
Leggplant beetles vegetable leaf miners	Colorado potato	Apply every 7 days as needed. Spray plants to ensure uniform coverage. Do not make more than 16 applications. Can be applied up to 3 days prior to harvest.
Horseradish	Imported crucifer weevils	Apply every 10 days as needed. Do not make more than 3 foliar applications. Can be applied up to 27 days prior to harvest.
Leafy Vegetables	Alfalfa loopers	Spray every 7 days as needed. Do not make more

amaranth celery chervil chrysanthemum (edible leaved and garland) dandelion endive lettuce (head & leaf) parsley rhubarb Swiss chard	aphids beet worms cabbages cutworms European corn borers fall armyworm green cloverworms southern armyworms tobacco budworms vegetable leaf miners	than 7 applications per crop. Can be applied up to 1 day prior to harvest
Melons Cucurbits		
Potatoes	Beet army worms Colorado potato beetles leafhoppers aphids cabbage loopers European corn borers potato psyllids tarnished plant bugs	Spray plants every 10 days as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest
Peppers	Vegetable leafminers cabbage loopers cutworms European corn borers	Spray plants every 5 days as needed. Do not make more than 8 applications. Can be applied up to 3 days prior to harvest
Sweet Corn	Corn earworms European corn borers fall armyworms southern armyworms	Spray plants every 3 days as needed. Do not make more than 6 applications per season. Can be applied up to 1 day prior to harvest
Tomatoes (Do not spray on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter)	Beet and southern armyworms tomato pinworms tomato fruitworms hornworms cutworms Colorado potato beetles cabbage loopers	Spray plants every 7 days as needed. Spray plants to ensure uniform coverage. Do not make more than 6 applications per season. Can be applied up to date of harvest

HOME OWNED FRUIT AND NUT TREES Dilute before using. Use clean sprayer. Carefully measure and mix 1 fluid ounce of this product and 24 fluid ounces of water. Apply dilute mixture to trees until foliage is dripping wet. Make sure to spray the undersides of leaves and into dense foliage. Flush sprayer with clean water after each use.

Trees (Fruit or Nut)	Target Pest(s)	Remarks
Almonds	Navel orange worms peach twig borers	Apply every 10 days as needed when insects appear. Do not make more than 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	plum curculionid red banded leafrollers rosy apple aphids spotted tentiform leafminers tarnished bugs white apple leafhoppers oblique banded leafrollers green fruitworms	Apply every 10 days as needed when insects appear. Do not make more than 3 applications per season.
Peaches	Lesser peachtree borers peach twig borers plum curculionid	Apply every 10 days as needed when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.

plant bugs  
green fruit worms  
Oriental fruit moths

Pears

pear psylla green  
fruitworms and  
codling moths

Apply every 10 days as needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area away from children and pets.

**Pesticide Disposal and Container Handling:** 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.

**IMPORTANT READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nationwide Chemical Products. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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**Nationwide Chemical Products**  
2075 Starr Avenue  
Toledo, OH 43605

For information on pesticide products (including health concerns, medical emergencies or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800-858-7378.