

829-296

06/19/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460 0001



JUN 19 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Matthew Brooks
Southern Agricultural Insecticides
P O Box 218
Palmetto FL 34220

Subject Amended Reregistration Label
Product Name Permetrol 0.5% Lawn Insecticide Granules
EPA Registration Number 829 296
EPA Decision Number 413200

Dear Mr Brooks

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product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded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 >>

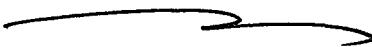

03/26/10

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

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

Sincerely



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

Enclosures *Acute Toxicity Review dated 08/10/11*
Product Chemistry Review dated 08/02/11
Stamped Accepted Label dated **JUN 19 2012**



Permetrol .5%

LAWN INSECTICIDE GRANULES



Contains **PERMETHRIN 5%**

* Ready to Use



ACTIVE INGREDIENT

Permethrin 0.5 /

INERT INGREDIENTS

99.5 /

100.0 /

(3-ph xyph yl) m thyl (/) /r 3-(2,2
d chl oeth yl) 2,2-dimethyl-cycl prop carb xyli t
C /tr t M 35 / (/) d m 65 / (/) t

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

First Aid

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.

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Southern Agricultural Insecticides, Inc

Palmetto FL 34220

Hendersonville NC 28793

Boone NC 28607

EPA Reg No 829 296

Net Weight 1, 4, 10, 20 and 40 lb

June 21 2012

ACCEPTED

JUN 19 2012

Under the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended for the pesticide
Registered under
EPA Reg No 829-296

Environmental Hazards

This product is extremely toxic 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 Sweeping any product that lands on a driveway sidewalk or street back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems

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

STORAGE & DISPOSAL

Pesticide Storage Store product in its original container in a cool dry locked place out of reach of children
Pesticide Disposal and Container Handling Nonrefillable container Do not reuse or refill this container
If Empty Do not reuse this container Place in trash or offer for recycling if available
If Partly filled Call your local solid waste agency or 1 800 CLEANUP for disposal instructions Never place unused product down any indoor or outdoor drain

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling
READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS

Do not apply this product in a way that will contact adults children or pets either directly or through drift Remove pets birds and cover fish aquariums before spraying Apply this product directly to the lawn or flower garden Water treated area as directed on this label Do not water to the point of run off Do not make applications during rain 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 Donot allow the product to enter any drain during or after application

Not for sale on plants being grown for sale or other commercial use or for commercial seed production or for research purposes Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with pesticides

USE RESTRICTIONS

Do not allow adults children or pets to enter the treated area until dusts have settled
Permetrol Lawn Insecticide Granules is used to control lawn insects fleas and ticks outdoors in residential areas Repeated applications are made by broadcast treatment with a spreader to lawns undershrubbery and other ornamental and turf grass areas apply band treatments around house foundations and spot applications are made to ant mounds and wasp nests

FOR ALL TREATMENTS

- 1 Determine size of area to be treated measure and multiply length times width
- 2 Determine appropriate spreader setting using chart
- 3 Treated as directed thorough coverage is important Water in where indicated
- 4 Keep children and pets off treated areas until this material is washed into turf and grass is dry
- 5 All outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses
 - a) Treatment to soil or vegetation around structures
 - b) Applications to lawns turf and other vegetation
 - c) Applications to building foundations up to a maximum height of 3 feet

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

To control *Ants Army worms (including Fall Yellow Striped etc) Bermudagrass mites Billbugs (adult) Boxelder Bugs Centipedes Chiggers Chinch Bugs Clover mites Cockroaches Crickets Cutworms Darkling Ground Beetles Digger wasps Essex Skipper European Crane Fly Larvae Field Crickets Fiery Skipper Flea Beetle (in dichondra) Grasshopper Hyperodes (Turfgrass Weevil) Japanese Beetle (adult) Lawn Moths Leafhoppers Scorpions Silverfish & Firebrats Sod Webworms Sowbugs Spiders (including Black Widow) Spittlebugs Springtails Vegetable Weevils (in Dichondra)* Apply this product uniformly to home lawns under shrubbery and other ornamental recreational turf grass areas Treat when insects first appear using granules at the rate of 2 pounds per 1 000 sq ft or for heavy lawns such as St Augustine grass 3 pounds per 1 000 sq ft using a fertilizer spreader See spreader setting chart below To help obtain uniform distribution apply one-half required amount of product in one direction then apply the balance at a right angle Immediately after application water the lawn lightly

European Crane fly larvae (Leatherjackets the best time to apply is in May or June when the insects are young)

Chinch Bugs Start treatments when temperatures reach 80° F or above A second application may be necessary in 6 weeks if insect activity continues

FLEA AND TICK CONTROL (OUTDOORS)

In summer months fleas and ticks frequently become established in lawns and pet resting areas surrounding the home For best control of *Fleas and Ticks (including but not limited to Bear Tick Black legged Tick Brown Dog Tick Deer Tick (ixodes dammini) Lone Star Tick Western Black legged Tick Wood Tick)* a regular treatment program should be followed Treat once a month when pests first appear in late spring (May June) and continue until late summer (September October) Fall temperatures below 50 F decrease pest activity Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests

Note Dogs cats their kennel or bedding area should also be treated with a registered product In addition if fleas and ticks are indoors on carpets or pet resting areas use a registered product such as Southern Ag Home Pest Control ideally in combination with an Insect Growth Regulator such as Precor It is very important that all three sites outdoors indoors and also the pet be treated with appropriate labeled products to achieve satisfactory control If any of these areas is not treated it could serve as a source of reinfestation to the entire premises

SOD WEBWORMS (Crambus Spp)

Sod Webworms are the light brown caterpillars 1/4 to 3/4 inch long that hide in the grass during the day and feed on the grass blades at night Adult Webworms usually referred to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk They fly over the lawn laying eggs that later hatch into destructive caterpillars Damage appears first as small brown spots which if not treated may rapidly develop into large brown areas of severely damaged or dead grass If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk or at first sign of damage to lawn treat entire lawn evenly

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION

To help prevent infestation of buildings by *Ants Boxelder Bugs Brown Dog Ticks Centipedes Cockroaches Clover Mites Crickets Field Crickets Fleas Scorpions Sowbugs Spiders (including Black Widow) Springtails (Collembola) and Ticks* treat at a rate of one pound per 500 sq ft or 2 lbs per 1 000 sq ft Apply a 5 foot band of granules next to the house foundation Distribute granules uniformly Water lightly after application

SPOT TREATMENT

ANTS NESTING OUTDOORS This product may be used outdoors for the control of ants including *Acrobat Argentine Big Headed Cornfield Field Harvester Leafcutter Little Black Pavement and Pyramid Ants* If possible it is best to try to locate nest and treat this first Nests will usually be found in the ground but may be concealed under stones boards slabs or in stumps or logs Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with water In addition to treating ant nests or mounds entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated

DIGGER WASPS Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening Make the application at dusk when the wasps are not active

IMPORTED FIRE ANTS Apply one cup over and 2 feet around each fire ant mound Immediately after application water the granules into the soil gently with a light sprinkling to avoid disturbing the colony Use at least 1 gallon of water per mound but no more than 2 gallons Use of high pressure watering equipment may disturb the colony and cause migration of the ants thus reducing the effectiveness of the treatment Apply in cool weather (65 80 F) or in early morning or late evening for best results Treat new mounds as they appear

SPREADER SETTINGS

Spreader Make and Mode I	Setting to Deliver	
	2 lbs/1000 ft	3 lbs/1000ft
Cyclone Broadcast	3	5
Greenview Jet Spred III	4	6
Greenview Drop Spred III	3	5
Republic Drop EZ 530	6 1/2	8
Scotts AG3	6	7
Scotts SG3	4	5
Scotts EG3	24	26
Scotts P F4	6	7
Sears Craftsman Broadcast	5 1/2	7
Sears Craftsman Drop	5 1/2	7

Note Spreader settings given are approximate and variation can occur between identical models User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area Then adjust spreader setting if necessary to assure correct rate of application

IMPORTANT READ BEFORE USE

By using this product user or buyer accepts the following conditions warranty disclaimer of warranties and limitations of liability **CONDITIONS** However because of manner of use and other factors beyond the manufacturer's control it is impossible for the manufacturer to eliminate all risks associated with the use of this product To the extent consistent with applicable law all such risks shall be assumed by the user or buyer

DISCLAIMER OF WARRANTIES THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL No agent of Southern Agricultural Ins Inc is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein Southern Agricultural Ins Inc to the extent consistent with applicable law disclaims any liability whatsoever for incidental or consequential damages including but not limited to liability arising out of breach of contract express or implied warranty (including warranties of merchantability and fitness for a particular purpose) tort negligence strict liability or otherwise

LIMITATIONS OF LIABILITY To the extent consistent with applicable law the exclusive remedy of the user or buyer for any and all losses injuries or damages resulting from the use or handling of this product whether in contract warranty tort negligence strict liability or otherwise shall not exceed the purchase price paid for or at Southern Agricultural Insecticides election the replacement of product

EPA EST NO 829 FL 1 (3) 829 NC 1(4) 829 NC 2 (5)
Number following Est No corresponds to first digit in Lot No

Optional label statements

KILLS INSECTS IN LAWNS
LAWN & GARDEN INSECT CONTROL
TREATS UP TO ?? 000 SQ FT (will insert the appropriate area for the size container)
CONTROLS HOME INVADING PESTS
10 POUNDS TREATS 5 000 SQ FT
20 POUNDS TREATS 10 000 SQ FT*
40 POUNDS TREATS 20 000 SQ FT
CONTROLS SURFACE AND FOLIAGE FEEDING PESTS
FOR GRASS AND DICHONDRA LAWNS
CONTAINS SYNTHETIC PYRETHROID
FOR OUTDOOR USE ON HOME LAWNS
CONTAINS PERMETHRIN
READY TO USE

KILLS *Ants Army worms (including Fall Yellow Striped etc) Bear Tick Bermudagrass mites Bill bugs (adult) Black Legged Tick Box elder Bugs Brown Dog Ticks Centipedes Chiggers Chinch Bugs Clover mites Cockroaches Crickets Cutworms Darkling Ground Beetles Deer Tick (Ixodes dammini) Digger wasps Essex Skipper European Crane Fly Larvae Field Crickets Fiery Skipper Fire Ants Flea Beetle (in dichondra) Fleas Grasshopper Hyperodes (Turfgrass Weevil) Japanese Beetle (adult) Lawn Moths Leafhoppers Lone Star Tick Scorpions Silverfish & Firebrats Sod Webworms Sowbugs Spiders (including Black Widow) Spittlebugs Springtails Ticks Vegetable Weevils (in Dichondra) Western Black Legged Tick (Ixodes pacificus)*