

9/19/2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460 0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SEP 19 2012

Michael G Fletcher
Y TEX Corporation
1825 Big Horn Ave PO Box 1450
Cody WY 82414

Subject Amended Reregistration Label
Product Name GardStar 40% EC Livestock and Premise Insecticide
EPA Registration Number 39039 8
EPA Decision Number 413494

Dear Dr Fletcher

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

In addition please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below Any previously dated CSFs are superseded

- Basic CSF dated 8/26/12

A copy of your label stamped Accepted 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 Julie Chao at (703) 308 8735 or chao.julie@epa.gov

Sincerely



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

Enclosures Label stamped Accepted SFP 9 ^

GardStar® 40% EC Livestock and Premise Insecticide

For Agricultural/Commercial Use and Vector Control
Agency Pest Control Operators Only
For Control of Flies Lice Mites and Ticks on Livestock
and their Premises
Can be used on Lactating and Non Lactating Dairy Cattle
and Goats Beef Cattle Sheep Swine Poultry and
Horses
Can be used in all areas of Dairy Barns including Milk
Rooms
For Control of Fleas and Ticks on Dogs by spray dip
wash or dip tank
Aids in Control of Fire Ants
For aid in Control of Small Hive Beetles around Honey
Bee Hives

ACTIVE INGREDIENT	
Permethrin	40.00 /
†OTHER INGREDIENTS	60.00 /
	100.00 /

(3 Phenoxyphenyl)methyl(±)cis/trans
3 (2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate
cis/trans isomers ratio Min 35/(±)cis and Max 65/(±)trans
†Contains Petroleum Distillate
GardStar Registered Trademark of Y TEX Corporation

EPA Reg No 39039-8
EPA Est No 39578 TX 1

KEEP OUT OF REACH OF CHILDREN
WARNING

FIRST AID	
IF SWALLOWED	Immediately call a poison control center or doctor Do not induce vomiting unless told to do so by a poison control center or doctor Do not give any liquid to the person Do not give anything by mouth to an unconscious person
IF ON SKIN OR CLOTHING	Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice
NOTE TO PHYSICIAN Contains petroleum distillate - vomiting may cause aspiration pneumonia	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents call Chem-Tel Inc at 1-800-255-3924. For product information call 1-307-578-0240 (Y TEX Corporation)	

SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS _____ Manufactured for
Y TEX CORPORATION
Cody WY 82414

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals
WARNING

May be fatal if swallowed. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators using ULV cold foggers or fog/mist generators in indoor spaces must wear

- Coveralls over long sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate butyl rubber nitrile rubber or viton
- Chemical resistant footwear plus socks and
- Chemical resistant headgear if overhead exposure

Applicators using ULV cold foggers and/or fog/mist generators in outdoor spaces must wear

- Long sleeve shirt and long pants
- Shoes plus socks and
- Chemical resistant gloves made of barrier laminate butyl rubber nitrile rubber or viton

All other mixers loaders applicators and other handlers must wear

- Long sleeve shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of barrier laminate butyl rubber nitrile rubber or viton
- Chemical resistant apron for mixers/loaders persons cleaning equipment and persons exposed to the concentrate and for handlers performing animal dip applications

USER SAFETY REQUIREMENTS

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating drinking chewing gum using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water disposing of equipment wash waters.

Under some conditions it may also have a potential for transport into surface water in runoff (primarily absorbed to suspended soil particles) for several months or more after applications. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters frequently flooded areas and areas overlying extremely shallow groundwater areas with in field canals or ditches that drain to surface water areas not separated from adjacent surface waters with vegetated filter strips and areas overlying tile drainage systems that drain to surface waters.

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.

ACCEPTED

SEP 19 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended for the
pesticide registered under

EPA Reg No 39039-8

PHYSICAL OR CHEMICAL HAZARDS

Combustible Do not use or store near heat or open flame

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

Pesticide Storage And Spill Procedures

Store upright at room temperature preferably under lock and key Avoid exposure to extreme temperatures Post as a pesticide storage area Always store pesticides in the original container Store away from food pet food feed seed fertilizers and veterinary supplies Place liquid formulations on lower shelves and dry formulations above In case of spill or leakage soak up with an absorbent material such as sand sawdust earth fuller's earth etc Dispose of with chemical waste

Pesticide Disposal

Pesticide wastes are acutely hazardous To avoid wastes use all material in this container by application according to label directions If wastes cannot be avoided offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry)

CONTAINER HANDLING

CONTAINERS 5 GALLONS OR SMALLER

Nonrefillable container Do not reuse or refill this container

Triple rinse container (or equivalent) promptly after emptying

Triple rinse as follows Empty the remaining contents into application equipment or a rinse tank and drain for 10 seconds after the flow begins to drip Fill the container / full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration Do not burn unless allowed by state and local ordinances

NOTICE OF WARRANTY To the extent consistent with applicable law Y TEX CORPORATION MAKES NO WARRANTY OF MERCHANTABILITY FITNESS FOR ANY PURPOSE OR OTHERWISE EXPRESSED OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label and in any case is limited to replacement of product only

READ ENTIRE LABEL BEFORE EACH USE

DIRECTIONS FOR USE

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

GENERAL PRECAUTIONS AND RESTRICTIONS

FOR PET USE – USE ONLY ON DOGS

Except when applying to dogs or livestock do not enter or allow others to enter treated area until sprays have dried

Except when applying to dogs or livestock do not enter or allow others to enter until vapors mists and aerosols have dispersed and the treated area has been thoroughly ventilated

Except when applying to dogs or livestock do not apply this product in a way that will contact workers or other persons either directly or through drift

Except when applying to dogs or livestock only protected handlers may be in the area during application

Do not breathe dust vapors or spray mist

Not for use in outdoor residential misting systems

When used in dairy barns or facilities Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects Remove or cover milking utensils before application Wash teats of animals before milking

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

Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers storm drains or aquatic habitat can occur Do not allow the product to enter any drain during or after application

Do not use this or any other pesticide on sick old or debilitated animals

Do not use on dogs under 4 months 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

Directions for use in commercial animal premise automatic misting systems

Not for use in outdoor residential misting systems (indoor or outdoor)

Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained

Do not apply when food feed or water is present

Do not apply directly to animals

When using this product installers and service technicians must comply with the license certification or registration requirements of the state(s) tribe(s) or local authority(ies) where they are installed

When applying via a remote activation device do not apply when people and pets are present If possible when applying via automatic timer set the timing for application when people and pets are unlikely to be present

Direct nozzles to spray towards the target area and away from areas where people are typically present

Do not use in an evaporative cooling system

Do not use in misters located within 3 feet of air vents air conditioner units or windows

If used in a system with a reservoir tank for the end use dilution the system reservoir tank must be locked Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve The dilution statement must be phrased as follows this container holds ___ parts GardStar 40% EC Livestock and Premise Insecticide to ___ parts water

If used in a direct injection system the pesticide container must be locked Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 4 fluid ounces per 1000 cubic feet or 10 gallons of diluted product

TARGET SPECIES	USE	DILUTE (NO TREATED)	APPLICATION RATE
Lactating and Non Lactating Dairy Cattle and Goats, Beef Cattle and Sheep			
Horn flies only (for 1 week residual control)	High pressure spray	4 fl oz (118 ml) to 50 gals water (treats 200) 0.025% Active Ingredient (AI)	1 qt of coarse spray per animal
Horn flies Face flies Stable flies House flies Horse flies Deer flies Black flies Mosquitoes Eye gnats Mange mites Scabies mites Ticks Lice Sheep keds (1 2 weeks residual control of horn flies)	High pressure spray	4 fl oz (118ml) to 25 gals water (treats 50 100) 0.05% AI	1 2 qt of coarse spray per animal over whole body surface For Mange Scabies Ticks and Lice thoroughly wet animal Repeat application 10 14 days for Mites and Lice
Horn flies Face flies Stable flies Ear ticks and Lice (2 3 weeks residual control of horn flies)	Low pressure spray (Hand pump sprayer)	4 fl oz (118ml) to 2 1/2 gals water (treats 64 80) 0.5% AI	For fly and lice control spray midline from face to tailhead to point of runoff (4 5 fl oz) (118 148 ml) For ear tick control spray directly into each ear (1/2 fl oz (15 ml) each)
Horn flies Face flies Stable flies (Season long control of horn flies)	Backrubber Self Oiler	4 fl oz (118ml) to 10 gals diesel oil or suitable mineral oil 0.125% AI	Keep rubbing device charged Results improved by daily forced use
Poultry			
Northern fowl mites Lice	High pressure spray	1-4 fl oz (30 118ml) to 3.75 gals water (treats 375) 0.08 0.33% AI	1 gal of coarse spray per 100 birds paying particular attention to vent area
Swine (Allow 5 days between last treatment and slaughter)			
Lice Mange	Sprayer or Dip	4 fl oz (118ml) to 25 gals water (treats 50 100) 0.05% AI	Thoroughly wet or dip animals including ears For Mange spray pen floors sides and bedding Repeat at 14 days
Horses & Dogs (Do not use on cats)			
Horn flies Face flies Stable flies House flies Horse flies Black flies Mosquitoes Eye gnats Mange mites Scabies mites Ticks Lice Fleas	Low Pressure Spray	1/2 fl oz (7.5ml) to 1 pt water 0.625% AI	1 2 fl oz (30 60ml) spray per animal Spot treat back face legs tail and ears
	Dip Wash	1/2 fl oz (7.5ml) to 1.25 gals water 0.0625 / AI	Thoroughly wet animal to skin with sponge or rag Let drip dry
	Dip (dogs only)	4 fl oz (118ml) to 20 gals water 0.0625 / AI	Make sure all areas are soaked to skin Let drip dry on animal Do not rinse off

DIRECTIONS FOR USE (Continued)

TARGET SPECIES	USE	DILUTE (NO TREATED)	APPLICATION RATE
Premises in and around Horse Beef Dairy Swine Sheep and Poultry Premises Animal Hospitals Pens and Kennels and Outside Meat and Honey Processing Premises			
House flies Stable flies Little house flies (<i>Fannia spp</i>) Aids in control of Cockroaches Ants Spiders Mosquitoes and Crickets	Surface Spray	4 fl oz (118ml) to 10 gals water 0 125% AI	Spray surfaces until wet or 1 gal per 750 1000 sq ft (Do Not Use in Milk Rooms)
	Space Spray	1 5 fl oz (45ml) to 1 gal water 0 469% AI	Apply as fog or fine mist until area is filled with mist using 2 fl oz (60ml) per 1000 cubic ft (Can be used in Milk Rooms)
	Overhead space spray system	4 fl oz (118ml) to 10 gals mineral oil 0 125 % AI	4 fl oz (118ml) spray per 1000 cu ft of air space (Do Not Use in Milk Rooms)
Temporary reduction of annoyance from pests mentioned above	Outdoor space spray	1 5 fl oz (45ml) to 1 gal water 0 469% AI	Fill area with mist Apply while the air is still and avoid wetting foliage
Bed bugs and Chicken mites	Sprayer	4 fl oz (118ml) to 10 gals water For severe infestation it is permissible to use 4 fl oz to 4 gals	Spray crevices of roost poles cracks in walls and cracks in nest and nest boxes
Ticks including the Deer tick Fleas	Indoor spray	3 fl oz (90ml) to 2 gals water 0 469% AI	Treat around windows doors porches screens eaves patios garages under stairways and in crawl spaces where these pests may occur Apply until surface is wet but do not let runoff occur (approx 1 gal per 750 1000 sq ft)
	Outdoor spray	4 fl oz (118ml) to 100 gals water For longer residual use up to 8 fl oz (236 ml) to 100 gals water 0 0125 0 025 % AI	Use enough finished spray to penetrate foliage usually 50 100 gals per acre To prevent infestation of buildings treat a band of vegetation 6 10 feet adjacent to the structure
Imported fire ants	Sprinkler Can	3 fl oz (90ml) to 1 gal water 0 938 % AI	Gently sprinkle 1 gal over the surface of each mound Thoroughly wet the mound and surrounding area to treat a 4 ft diameter For best results apply in cool weather 65 80 F (early morning or late evening) Pressurized sprayers may disturb ants and cause migration reducing product effectiveness

DIRECTIONS FOR USE (Continued)

Premises in and around Horse Beef Dairy Swine Sheep and Poultry Premises Animal Hospitals Pens and Kennels and Outside Meat and Honey Processing Premises			
For prevention of imported fire ant movement in or out of honey bee hives positioned on supports such as pallets	Sprinkler can hand held pump sprayer or other low pressure sprayer	5 ml to 1 gal water 0.05% AI Soil Drench	For pre placement of apiary apply to ground surface 24-48 hours <i>prior to</i> hive support placement Thoroughly wet ground area (1 gal solution per 16 sq ft or 6 gal per 100 sq ft) to make a treated square large enough to place the support plus a 2 to 4 ft treated buffer around the structure such as a 10 sq ft area with a 4 sq ft pallet to be placed in the center Retreat area prior to each season Prior to moving support pallets onto trailer for transport assure that no treated soil remains on pallet that may result in bees contacting treated surfaces during transport
For prevention of imported fire ant movement in or out of honey bee hives positioned on supports such as pallets (continued)	Low pressure sprayer	90 118 ml to 10 gals water 0.10-0.13% AI Surface spray	Apply to bottom pallet of two support pallets until surface is wet but do not let runoff occur (approx 0.5 gal per pallet) and let dry before placing pallet supporting bee hives on top Retreat pallets prior to each season For transport move only non treated hive support pallet onto trailer Leave treated (bottom) pallet on site properly discard or transport separately to new site
For Aid in Control of the Small Hive Beetle <i>Aethina tumida</i>	Sprinkler Can	5 ml to 1 gal water 0.05% AI	For treatment of existing infestations apply as soon as beetles or larvae are observed in or around the hive Thoroughly wet ground in an area 18-24 inches wide in front of each hive (1 gal per 6 hives) Apply spray in late evening after bees become inactive
	Sprinkler can hand pump sprayer or other low pressure sprayer	5 ml to 1 gal water 0.05% AI	For pre placement cleanup of apiary apply to entire ground surface 24-48 hrs prior to hive placement
NOTE Permethrin is highly toxic to bees and extreme caution must be taken to avoid contact by spray or spray drift with the bees hive or any other surfaces that bees may contact When hives are present applications may only be made with a sprinkler can Hand pump sprayers may only be used when hives are <u>not</u> present and only for pre placement cleanup of apiary Do not contaminate any water or food source that may be in the area or apply during windy conditions For better soil penetration and improved efficacy cut grass around hive prior to application			

Do not apply dilutions for **premise treatment** directly on livestock or poultry Ensure that feed and water are not contaminated by spray drift For **space spraying** do not remain in treated areas and ventilate the area before reoccupying Animals should be removed from area prior to treatment The use of any residual fly spray should be supplemented with proper manure management and general sanitation to reduce or eliminate fly breeding sites