

2217-902

06/26/2012

1/18

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460 0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUN 26 2012

James L Kunstman
PBI/Gordon Corporation
P O Box 014090
Kansas City MO 64101

Subject Amended Reregistration Label
Product Name EI 785 Insecticide
EPA Registration Number 2217 902
EPA Decision Number 413801

Dear Dr Kunstman

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

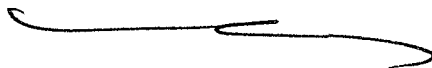
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded

- Basic CSF dated 2/1/2010
- Alternate CSF 1 dated 2/1/2010
- Alternate CSF 2 dated 2/1/2010
- Alternate CSF 3 dated 2/1/2010

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
Acute Toxicity Review dated August 4 2011
Product Chemistry Review dated July 28 2011*

EI-785 INSECTICIDE

EPA Reg No 2217-902

Two sublabels represent the entire master label of EI 785 INSECTICIDE Please refer to the appropriate section of the labeling as shown as follows

Section
Sublabel 1
Sublabel 2
Appendix
Document Control Information

ACCEPTED
JUN 20 2012

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

EPA Reg No 2217-902

4/18

SUBLABEL 1

For outdoor residential use with dial type hose-end sprayers, tank sprayers and sprinkler cans

EI-785 INSECTICIDE

EPA Reg No 2217-902

Alternate Brand Names GroundWork Concentrate Multi Insect Killer2 Gordon s Bug No More Multi Purpose Ready Spray Tractor Supply Company GroundWork Hose End Multi Insect Killer2

For Use on Residential Lawns Gardens Patios and Home Picnic Areas Only

ACTIVE INGREDIENT	
Permethrin (CAS Registry Number 52645 53 1)	2.50%
OTHER INGREDIENTS	<u>97.50%</u>
TOTAL	100.00%

Cis trans isomer ratio Max 55% (±) cis and min 45% (±) trans
Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

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
If on skin or on 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

If swallowed	<ul style="list-style-type: none"> • 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
<p>Have the product container or label with you when calling the Rocky Mountain Poison Control Center at 877 800 5556 or calling your doctor or going for treatment</p>	
<p>Note to Physician Contains petroleum distillates Vomiting may cause aspiration pneumonia</p>	

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 Rinsing application equipment over the treated area will help avoid 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

Physical Or Chemical Hazards

Combustible Do not use or store near heat or open flame

DIRECTIONS FOR USE

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

Not for use on plants and turf being grown for sale or other commercial use as sod or for commercial seed production or for research purposes For residential use only

Food utensils such as teaspoons or measuring cups must not be used for food purposes after use with insecticide

PRECAUTIONS AND RESTRICTIONS

- Do not apply this product in a way that will contact adults children or pets either directly or through drift Do not allow adults children or pets to enter the treated area 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
- 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 run off Do not make applications during rain Not for use in outdoor residential misting systems

PRODUCT PROFILE

Annoying outdoor insects controlled

- Lawns Chinch bugs crickets cutworms deer ticks fleas grubs and sod webworms
- Gardens Armyworms cutworms leafhoppers aphids psyllids and tarnished plant bugs
- Ornamental trees flowers and shrubs Aphids bagworms leaf miners mealybugs and spider mites
- Outdoor residential areas such as patios Flying moths gnats house flies and mosquitoes

When to apply

Apply this product when insects first appear. See below for listed insects.

Easy to apply

- Use hose end sprayers, tank sprayers or sprinkler cans.

Amount to use

- For garden vegetables, prepare the spray mixture as described in Table 1.

Table 1 Instructions for Garden Vegetables					
Garden vegetables and pests	Tank sprayers Amount to use fl oz in 1 gal of water to cover 1 000 sq ft	Hose end sprayers Dial settings oz	Maximum number of applications per season	Minimum retreatment interval days	Days before harvest days
Asparagus (pre harvest) Asparagus beetle Cutworms	15	15	4	7	1
Asparagus (post harvest) Beetles (adult Japanese beetle larval stages of asparagus beetle) lygus bugs tarnished plant bug					
Broccoli Beet armyworm cabbage aphid cabbage loopers diamondback moth and imported cabbageworm	10	10	5	4	1
Brussels sprouts Beet armyworm cabbage aphid cabbage loopers diamondback moth and imported cabbageworm	10	10	4	5	1
Cauliflower Beet armyworm cabbage aphid cabbage loopers diamondback moth and imported cabbageworm	10	10	4	5	1
Cabbage Beet armyworm cabbage aphid cabbage loopers diamondback moth and imported cabbageworm	10	10	2	5	1
Cantaloupe casaba crenshaw honeydew honey balls mango melon muskmelon Persian melon	20	20	4	7	0
Cucurbits including cucumber melons pumpkin and squash Balsam pear (bitter melon) Chinese waxgourd (Chinese preserving melon) citron melon cucumber gherkin edible gourds pumpkin summer & winter squash watermelon Flea beetle aphid cabbage looper cucumber beetle (adults) cutworms leafhoppers leaf miners melonworm pickleworm plant bug and squash bugs	20	20	6	7	0
Eggplant Colorado potato beetle and vegetable leaf miners	30	30	4	7	3

Garden vegetables and pests	Tank sprayers Amount to use fl oz in 1 gal of water to cover 1 000 sq ft	Hose end sprayers Dial settings oz	Maximum number of applications per season	Minimum retreatment interval days	Days before harvest days
Horseradish (Foliar application) Imported crucifer weevil	3 0	3 0	3	10	30
Lettuce (head and leaf) Corn earworm beet armyworm and cabbage loopers	2 0	2 0	4	7	1
Celery armyworm cabbage looper vegetable leaf miners per	2 0	2 0	5	7	1
Spinach beet armyworm cabbage looper corn earworm cutworms European corn borer fall armyworm green cloverworm	2 0	2 0	3	3	1
Leafy Vegetables Amaranth arrugula celtuce chervil corn salad chrysanthemum (edible leaved and upland) cress (garden and upland) dandelion dock endive fennel okra parsley purslane (garden and winter) rhubarb and Swiss chard Alfalfa looper aphid beet armyworm cabbage looper corn earworm cutworms European corn borer fall armyworm green cloverworm southern armyworm Vegetable leaf miners	2 0	2 0	10	3	1
Potato Beet armyworm Colorado potato beetle potato leafhoppers potato tuberworm cabbage looper cutworms European corn borer potato psyllid and tarnished plant bug	1 5	1 5	4	10	14
Peppers Vegetable leaf miners cabbage looper flea beetle corn earworm pepper weevil and European com borer	2 0	2 0	4	5	3
Sweet corn Armyworms (fall and southern) corn earworm and European corn borers	1 5	1 5	4	3	1
Tomato Beet armyworm southern armyworm tomato pinworm tomato fruitworm hornworm granulate cutworm Colorado potato beetle and cabbage loopers	1 5	1 5	6	When needed	0
1 Equal measures 1 fl oz = 2 Tablespoons (TBS) = 6 Teaspoons (tsp) 2 fl oz = 4 Tablespoons (TBS) = 12 Teaspoons (tsp)					

FRUIT TREES AND NUT TREES AT RESIDENTIAL SITES

How to apply

Use a tank sprayer or hose end sprayers such as the Ortho® Dial N Spray® the Hudson® Hose End Liquid Concentrate Sprayer or the Gilmour® Dial A Mix® Sprayer Set the dial to 2 oz

- Spray to wet all foliage Target the undersides of the leaves and try to penetrate dense foliage with the spray droplets

When to apply

- Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 10 days
- For apples Do not apply after petal fall

Amount to use

Prepare the spray mixture as described in Table 2

Fruit trees and nut trees and pests	Tank sprayers Amount to use fl oz in 1 gallon of water¹	Hose end sprayers Dial settings Oz	Maximum number of applications per season	Minimum retreatment interval days	Days before harvest days
Almonds and pecans Navel orangeworm and peach twig borer	2 0	2 0 fl oz	5	When needed	7
Apple Green fruitworm aphid leafrollers (oblique banded and redbanded) plum curculio rosy apple aphid spotted tentiform leafminer tarnished plant bug and white apple leafhoppers	2 0	2 0 fl oz	2	10	
Peaches Borers (lesser peach tree and peach twig) green fruitworm plum curculio Oriental fruit moth and tarnished plant bug	2 0	2 0 fl oz	3	10	14
Pears Dormant through delayed dormant (prebloom) Pear psylla	2 0	2 0 fl oz	2	10	Not applicable

¹ Equal measures 2 fl oz = 4 Tablespoons (TBS) = 12 Teaspoons (tsp)

ORNAMENTAL TREES SHRUBS FLOWERS AND ROSES

How to apply

- Use a tank sprayer or hose end sprayers such as the Ortho® Dial N Spray® the Hudson® Hose End Liquid Concentrate Sprayer or the Gilmour® Dial A Mix® Sprayer Set the dial to 1 oz
- Spray to wet all foliage Target the undersides of the leaves and try to penetrate dense foliage with the spray droplets

When to apply

- Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 5 8 days
- Spray in the late afternoon or evening when the temperature ranges from 50 to 75 F and when there is little or no wind
- Do not exceed 16 applications per season
- Tent caterpillars Application should be made when caterpillars are young and tents are first noticed For best results apply in the late afternoon or evening when caterpillars have returned to their tents

Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent however they should die within several hours

Amount to use

Prepare the spray mixture as described in Table 3

Ornamental trees shrubs flowers and roses	Pests	Tank sprayers Amount to use fl oz in 1 gallon of water¹	Hose end sprayers Dial settings Oz	Maximum number of applications per season	Minimum retreatment interval days
Arizona cypress azalea English ivy weeping fig honeysuckle juniper lilac mock orange palm tulip poplar rhododendron and <i>Taxus</i>	Aphid bagworm cicadas exposed thrips fall cankerworm inchworm leafminers mealybugs spider mites whiteflies and fall webworm	1 0	1 fl oz	16	5 to 8
Conifers	Budworms	1 0	1 fl oz		5 to 8
Elm	Elm leaf beetles elm spanworms and fall webworms	1 0	1 fl oz		5 to 8
Douglas fir and grand fir	Tussock moths	1 0	1 fl oz		5 to 8
Non bearing citrus	Citrus black flies	1 0	1 fl oz		5 to 8
Oak	Oakworm	1 0	1 fl oz		5 to 8
Pine	Pine beetle pine moth pine needle miners needle scales	1 0	1 fl oz		5 to 8
Ageratum aster azalea baby's breath begonia bleeding heart cockscomb coleus common ninebark cyclamen snowberry <i>Exacum</i> gladiolus gold bells grape ivy <i>Hypoestes</i> ivy lilac mangold mock orange nannyberry orchid pansy pea shrub petunia piggy back plant philodendron poinsettia portulaca pothos prayer plant rhododendron rose snapdragon statice verbena and zinnia	Aphid armyworm bagworm cutworms cicadas exposed thrips fall cankerworm fall webworm inchworm leafminers leafrollers mealybugs psyllids rose chafer scale crawlers spider mites and whiteflies	1 0	1 fl oz	16	5 to 8
Ash birch black gum willow oak maple poplar and other deciduous ornamental trees	Tent caterpillars	1 0	1 fl oz	16	5 to 8

¹ Equal measures 1 fl oz = 2 Tablespoons (TBS) = 6 Teaspoons (tsp)

HOME LAWNS

How to apply

- Use a tank sprayer or hose end sprayers such as the Ortho® Dial N Spray® the Hudson® Hose End Liquid Concentrate Sprayer or the Gilmour® Dial A Mix® Sprayer Set the dial to 2 oz for grubs cutworms and sod webworms
- Thoroughly wet the turfgrass a few hours before applying Turfgrass (lawns) should be no taller than 3 inches at time of application

When to apply

Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 14 days Do not exceed 6 applications per season for grubs cutworms and sod webworms

Amount to use

Prepare the spray mixture as described in Table 4

Home lawns	Pests	Tank sprayers Amount to use fl oz in 1 gallon of water to cover 1 000 sq ft ¹	Hose end sprayers Dial settings Oz	Maximum number of applications per season	Minimum retreatment interval days
Lawns including cool season grass and warm season turfgrass such as bentgrass bermudagrass fescues Kentucky bluegrass and St Augustinegrass	Ants crickets and grasshoppers	2 0 fl oz	4 tsp or teaspoons	16	14 days
	Armyworm brown dog ticks chinch bugs cutworms deer ticks fleas grubs mole crickets and sod webworms	6 0 fl oz	2 oz	6	14 days

FIRE ANTS

How to apply

Use a sprinkler can

When to apply

- Treat new mounds as they appear Do not disturb the mound prior to treatment If possible treat all mounds in the vicinity and treat all colonies which may not have constructed a mound
- For best results apply in cool weather (65 to 80 F) or in early morning or late evening hours

Amount to use

- Mix 6 fl oz of product in 1 gallon of water to treat one mound Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can Thoroughly wet the mound and surrounding area to a 4 foot diameter
- Larger quantities of solution can be prepared for multiple mound treatments Use spray equipment that delivers the diluted product as a gentle rain at the rate of 1 gallon per mound Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration reducing product effectiveness

OUTDOOR NUISANCE PESTS

How to apply

Use a tank sprayer

When to apply

- Apply when insects first appear
- Repeat applications as reinfestations occur
- Do not exceed 24 applications per season

Amount to use

- Use 6 fl oz in 1 quart of water treating 400 linear feet with a 6 inch spray band (200 sq ft)
- For larger areas prepare the spray mixture as described in Table 5

Table 5 Instructions for Outdoor Nuisance Pests		
Amount of water	Amount of product fl oz	Area to be treated
1 quart	6 fl oz	200 sq ft or a 6 inch band 400 linear feet
2 quarts	12 fl oz	400 sq ft or a 6 inch band 800 linear feet
1 gallon	24 fl oz	800 sq ft or a 6 inch band 1600 linear feet
Sites	Pests	How to Use
Perimeter treatment to soil vegetation and lower building foundations	Ants clover mites cluster flies crickets earwigs fleas flying moths gnats house flies millipedes mosquitoes sowbugs (pillbugs) spiders tent caterpillars ticks (brown dog deer and lone star)	Perimeter treatment To prevent infestation of buildings treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance
Outside surfaces of buildings	Ants clover mites crickets earwigs millipedes sowbugs (pillbugs)	Spot treatment Apply as a residual spray to outside surfaces of buildings including porches screens window frames eaves patios picnic areas garages refuse piles and other areas where these pests congregate or have been seen
Outside residential or noncrop areas	Ants crickets earwigs fleas spiders ticks (brown dog deer lone star)	Spot treatment For treatment of localized infestations of these insects in areas where there are weeds shrubs or bushy non crop areas spray infested areas thoroughly For ants thoroughly wet hills and runways
	Cluster flies flying moths gnats house flies mosquitoes	Spot treatment For use only as an aid in reducing annoyance from these insects Spray outside surfaces of screens doors window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches under patio furniture in garages and other places where insects alight or congregate

HOUSE PLANTS INDOORS

How to apply

- Use a tank sprayer or a trigger sprayer
- Spray to wet all foliage
- Adjust spray volume used to plant size Spray directly on insects
- If application is to be made indoors remove infested plants from living area prior to application
- Spray plants in an area not likely to be occupied by people or pets (particularly fish bowls or tanks)
- When leaves dry plants can be returned to original location

When to apply

Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 5 to 8 days Do not exceed 16 applications per season

Amount to use

- Prepare the spray mixture as described in Table 6
- Do not use more product than recommended as this may cause some plant injury
- Use with care on ferns palms and fuchsia

- As with all plants listed especially carnations chrysanthemums and roses there exists a wide variety of susceptibility to injury To determine potential injury spray a few plants as described above wait 24 hours and check for possible injury

Table 6 Instructions for indoor house plants

House Plants Indoors	Pests	Tank sprayers Amount to use fl oz in 1 gallon of water ¹	Maximum number of applications per season
<i>Ageratum Ardisia</i> aster baby's breath begonia birdsnest fern bleeding heart carnation chrysanthemum coleus crown of thorns cockscomb cyclamen dracaena dumbcane English ivy fuschia gladiolus grape ivy <i>Hypoestes</i> ivy juniper lily marigold orchid palm pansy peperomia petunia philodendron piggy back plant poinsettia portulaca pothos prayer plant purple passion rabbits foot fern rose schefflera snake plant statice velvet plant verbena zinnia	Aphid armyworm corn earworm cutworms cabbageworm exposed thrips fall cankerworm fungus gnats inchworm leafminers leafrollers mealybugs scales spider mites spring cankerworm and whiteflies	1.0 fl oz	16

¹ Equal measures 1 fl oz = 2 Tablespoons (TBS) = 6 Teaspoons (tsp)

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

PESTICIDE STORAGE Store in a cool dry place preferably a locked storage area Store above freezing Do not store diluted spray Store with container tightly closed

PESTICIDE DISPOSAL AND CONTAINER HANDLING 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 or www website com for disposal instructions Never place unused product down any indoor or outdoor drain

LIMITED WARRANTY AND DISCLAIMER

FOR USE ONLY AS DIRECTED TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER BE LIABLE FOR INCIDENTAL CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT If these terms are not acceptable return this product unopened immediately to the point of purchase and the purchase price will be refunded in full The terms of this LIMITED WARRANTY AND DISCLAIMER STATEMENT cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere

SUBLABEL 2
For outdoor residential use with ready-to-use hose-end sprayers

EI-785 INSECTICIDE

EPA Reg No 2217-902

Alternate Brand Names GroundWork Concentrate Multi Insect Killer2 Gordon s Bug No More Multi Purpose Ready Spray Tractor Supply Company GroundWork Hose End Multi Insect Killer2

For use on residential lawns, ornamental trees, flowers, shrubs, and patios only

ACTIVE INGREDIENT	
Permethrin (CAS Registry Number 52645 53 1)	2.50%
OTHER INGREDIENTS	<u>97.50%</u>
TOTAL	100.00%

Cis trans isomer ratio Max 55% (±) cis and min 45% (±) trans
Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

First Aid	
If in eyes	<ul style="list-style-type: none"> • 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
If on skin or on clothing	<ul style="list-style-type: none"> • 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

If swallowed	<ul style="list-style-type: none"> • 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
<p>Have the product container or label with you when calling the Rocky Mountain Poison Control Center at 877 800 5556 or calling your doctor or going for treatment</p>	
<p>Note to Physician Contains petroleum distillates Vomiting may cause aspiration pneumonia</p>	

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 Rinsing application equipment over the treated area will help avoid 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

Physical Or Chemical Hazards

Combustible Do not use or store near heat or open flame

DIRECTIONS FOR USE

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

Not for use on plants and turf being grown for sale or other commercial use as sod or for commercial seed production or for research purposes For residential use only

Food utensils such as teaspoons or measuring cups must not be used for food purposes after use with insecticide

PRECAUTIONS AND RESTRICTIONS

- Do not apply this product in a way that will contact adults children or pets either directly or through drift Do not allow adults children or pets to enter the treated area 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
- 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 run off Do not make applications during rain Not for use in outdoor residential misting systems

PRODUCT PROFILE

Annoying outdoor insects controlled

- Lawns Chinch bugs crickets cutworms deer ticks fleas grubs and sod webworms
- Ornamental trees flowers and shrubs Aphids bagworms leaf miners mealybugs and spider mites
- Outdoor residential areas such as patios Flying moths gnats house flies and mosquitoes

When to apply

- Apply this product when insects first appear See below for listed insects

Easy to apply

- Use the ready to use hose end sprayer fitted to the container

Instructions for ready to use hose end sprayers

One quart (32 fl oz) of this product will treat up to 5 000 sq ft of lawn

- Connect a garden hose to the hose end sprayer Make sure the control valve on the nozzle is in the OFF position
- To BEGIN spraying Turn on water at faucet Point nozzle toward lawn or plants to be treated and turn the control valve to the ON position Water will automatically mix with the product Spray evenly over the measured area

To STOP spraying Turn control valve to the OFF position Turn off water at faucet To relieve pressure turn control valve to ON position and wait until water stops spraying before removing sprayer from hose

HOME LAWNS

How to apply

Thoroughly wet the turfgrass a few hours before applying Turfgrass (lawns) should be no taller than 3 inches at time of application

When to apply

- Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 14 days
- Do not exceed 6 applications per season

Amount to use

For the listed insects and ticks this one quart (32 fl oz) container treats 5 300 sq ft of turfgrass

Refer to Table 1 for instructions for home lawns

Table 1 Instructions for home lawns				
Home lawns	Pests	Area to be treated sq ft	Maximum number of applications per season	Minimum retreatment interval days
Lawns including cool season grass and warm season turfgrass such as bentgrass bermudagrass fescues Kentucky bluegrass and St Augustinegrass	Ants crickets grasshoppers armyworm brown dog ticks chinch bugs cutworms deer ticks fleas grubs mole crickets and sod webworms	5 300 sq ft	6	14 days

ORNAMENTAL TREES SHRUBS FLOWERS AND ROSES

How to apply

Apply as a thorough cover spray Spray to wet all foliage Target the undersides of the leaves and try to penetrate dense foliage with the spray droplets

When to apply

Apply when insects first appear Re treat when a reinfestation occurs and use intervals of 5 to 8 days

Spray directly on insects Spray in the late afternoon or evening when the temperature ranges from 50 to 75 F and when there is little or no wind

- Do not exceed 16 applications per season

Refer to Table 2 for instructions for ornamental trees shrubs flowers and roses

Ornamental trees shrubs flowers and roses	Pests	Maximum number of applications per season	Minimum retreatment interval days
Arizona cypress azalea English ivy weeping fig honeysuckle juniper lilac mock orange palm tulip poplar rhododendron and <i>Taxus</i>	Aphid bagworm cicadas exposed thrips fall cankerworm inchworm leafminers mealybugs spider mites whiteflies and fall webworm	16	5 to 8
Conifers	budworms	16	5 to 8
Elm	Elm leaf beetles elm spanworms and fall webworms	16	5 to 8
Douglas fir and grand fir	Tussock moths	16	5 to 8
Non bearing citrus	Citrus black flies	16	5 to 8
Oak	Oakworm	16	5 to 8
Pine	Pine beetle pine moth pine needle miners needle scales	16	5 to 8
Ageratum aster azalea baby's breath begonia bleeding heart cockscomb coleus common ninebark cyclamen snowberry <i>Exacum</i> gladiolus gold bells grape ivy <i>Hypoestes</i> ivy lilac marigold mock orange nannyberry orchid pansy pea shrub petunia piggy back plant philodendron poinsettia portulaca pothos prayer plant rhododendron rose snapdragon statice verbena and zinnia	Aphid armyworm bagworm cutworms cicadas exposed thrips fall cankerworm fall webworm inchworm leafminers leafrollers mealybugs psyllids rose chafer scale crawlers spider mites and whiteflies	16	5 to 8

OUTDOOR NUISANCE PESTS

When to apply

- Apply when insects first appear
- Repeat applications as reinfestations occur
- Do not exceed 24 applications per season

Amount to use

- Use 32 fl oz (1 quart) of this product to treat 2 000 linear feet with a 6 inch spray band (1 000 sq ft)
- Refer to Table 3 for instructions for outdoor nuisance pests

Sites	Pests	How to Use
Perimeter treatment to soil vegetation and lower building foundations	Ants clover mites cluster flies crickets earwigs fleas flying moths gnats house flies millipedes mosquitoes sowbugs (pillbugs) spiders tent caterpillars ticks (brown dog deer and lone star)	Perimeter treatment To prevent infestation of buildings treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance
Outside surfaces of buildings	Ants clover mites crickets earwigs millipedes sowbugs (pillbugs)	Spot treatment Apply as a residual spray to outside surfaces of buildings including porches screens window frames eaves patios picnic areas garages refuse piles and other areas where these pests congregate or have been seen

Table 3 Instructions for outdoor nuisance pests		
Sites	Pests	How to Use
Outside residential or noncrop areas	Ants crickets earwigs fleas spiders ticks (brown dog deer lone star)	Spot treatment For treatment of localized infestations of these insects in areas where there are weeds shrubs or bushy non crop areas spray infested areas thoroughly For ants thoroughly wet hills and runways
	Cluster flies flying moths gnats house flies mosquitoes	Spot treatment For use only as an aid in reducing annoyance from these insects Spray outside surfaces of screens doors window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches under patio furniture in garages and other places where insects alight or congregate

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

PESTICIDE STORAGE Store in a cool dry place preferably a locked storage area Store above freezing

PESTICIDE DISPOSAL AND CONTAINER HANDLING 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 or www website com for disposal instructions Never place unused product down any indoor or outdoor drain

LIMITED WARRANTY AND DISCLAIMER

FOR USE ONLY AS DIRECTED TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER BE LIABLE FOR INCIDENTAL CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT If these terms are not acceptable return this product unopened immediately to the point of purchase and the purchase price will be refunded in full The terms of this LIMITED WARRANTY AND DISCLAIMER STATEMENT cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere

APPENDIX FOR ALL SUBLABELS

1 Statements which may appear on different label components depending on packaging configuration

- See next panel for additional Precautionary Statements and First Aid
- Net Contents _____
- EPA Est No _____

APPENDIX FOR SUBLABEL 1

1 Advertising claims that may be presented on container labeling advertisements brochures and other marketing/sales promotional materials

- Kills Over 100 [Listed] Insects
- Kills Over 100 [Listed] Different Insects
- Kills over [XXX] different listed insects

- Read Label
- Shake Well Before Using
- Lawns – 12 Primary Lawn Pests Listed!
Gardens – Over 40 Garden Pests Listed!
- Ornamental Trees Flowers and Shrubs – Over 25 Listed Pests!
Patios and Other Outdoor Residential Areas – 17 Listed Pests!
- Protects Lawns Trees Shrubs and Flowers
- Ortho® and Dial N Spray® are Registered Trademarks of The Scotts Company
- Hudson® is a Registered Trademark of H D Hudson Manufacturing Company
Gilmour® and Dial A Mix® are Registered Trademarks of Gilmour Manufacturing Company

2 Additional Brand Names

- Gordon's Bug No More Multi Purpose Concentrate
Tractor Supply Company GroundWork Concentrate Multi Insect Killer2

APPENDIX FOR SUBLABEL 2

1 Advertising claims that may be presented on container labeling advertisements brochures and other marketing/sales promotional materials

- Controls listed pests for up to 4 weeks
- Kills listed bugs on your lawns trees shrubs roses flowers fruits nuts and vegetables
Aids in reducing annoyance from mosquitoes and other flying insects listed on this label
- Kills gnats fleas deer ticks brown dog ticks and other crawling insects listed on this label
- Kills and repels listed crawling insects from your home recreation areas
- Contains permethrin a long lasting insecticide that provides contact and residual control for up to 4 weeks of many hard to kill sucking and chewing insects listed on this label
- Protects home lawns roses flowers trees and shrubs houseplants
- Kills and repels listed bugs in your backyard (yard) for 4 weeks!
- Kills and repels mosquitoes flies gnats ants fleas ticks and other annoying pests listed on this label
- Read Label
Shake Well Before Using
- Just Attach Hose and Spray
- Just Connect to Hose and Spray
- Outdoor Use Only
- Protects Lawns Trees Shrubs and Flowers
Kills over [XXX] different listed insects

DOCUMENT CONTROL INFORMATION

1 Unique Label Identifier 002217 00902 20120619 amend proposed clean doc

2 Reason for Issue Reregistration EPA comments