

9688-237

6/6/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF
CHEMICAL SAFETY
AND POLLUTION PREVENTION

Jessica Goldberg
Regulatory Affairs Specialist
Chemisco, Division of United Industries
P O Box 142642
St Louis, MO 63114-0642

JUN 6 2012

Subject Chemsico Insecticide Concentrate 25G, EPA Reg No 9688-237
Application Dated March 1, 2012
Decision 462352

Dear Ms Goldberg

The labeling referred to above, submitted in connection with registration under the Federal insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments below

Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, you may contact Samantha Hulkower at (703) 603-0683 or Hulkower.Samantha@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Suarez".

Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure Copy of Label Stamped "Accepted"

Chemsico Insecticide Concentrate 25G

For Outdoor Use Around the Home Only

Claims for a General Use Product

[Protects Listed Areas] [Protects] Lawns Vegetables Fruit and Nut Trees Roses Flowers Trees Shrubs • Wide Range of Control [Controls] Ants Aphids Chinch Bugs Cutworms Flea Beetles Grubs Mites Sod Webworms & many others • Controls tough outdoor insects • Kills Lawn and Garden Insects including grubs chinch bugs European crane flies fleas fire ants mosquitoes sod webworms aphids Japanese beetles whiteflies ants mites ticks [Deer Lone star Brown dog American dog] and other listed insects • Kills grubs • Keeps Killing Nuisance Pests Outside the Home for Up to 8 Weeks [2 months] • Keeps Killing Pests on Outdoor Surfaces for Up to 8 Weeks [2 months] • Up to 8 week [2 month] Control of Nuisance Pests • Low Odor [Formula] • Kills Fast • Fast Kill Formula • Connect and Spray (Optional for hose end sprayer) • Spray Concentrate • Concentrated Insect Spray • Kills 180+ Pests [on Contact] • *Guaranteed Results or Your Money Back • Makes up to 128 gallons • Covers up to 16 000 square feet of lawn • Water based • Long Lasting Formula • Fast Acting Formula • Soil and Turf Insecticide • For Soil and Turf Insect Control • For Broadcast and Barrier Use • Non staining • Works [Kills] in 24 Hours • Kills Grubs in 24 Hours • Broad Spectrum [Insect Killer] [Insecticide] [Concentrate] • Fast Acting [Long Lasting] Formula • Won't [Harm] [Kill] Earthworms • Kills over 130 pests on contact • For Lawn [Garden] insects • Kills Japanese Beetles Fast • Long Lasting Protection From Insect Damage • Kills and Repels Insects • Kills 180+ Insects [on Contact] • Kills Above & Below Ground] • For Lawns & Landscapes

Fire Ant Claims

[Kills Fire Ants in 24 Hours • Kills Fire Ant Mounds in 24 hours • Kills the Queen • Kills the Fire Ant Mound • Kills the Queen and Mound • Controls Fire Ants for up to Four Weeks]

Active Ingredient

Gamma-Cyhalothrin

Other Ingredients

0 25%

99 75%

KEEP OUT OF REACH OF CHILDREN

CAUTION See end of booklet for additional precautionary statements [Option for booklet label See back booklet for additional precautionary statements]

NET CONTENTS 1 QUART/ 32 fl oz / 946 mL

OPTIONAL PRODUCT FACT BOX

PRODUCT FACT BOX

What it Does

Kills Grubs Ants Fleas Chinch Bugs Mosquitoes Sod Webworms
Aphids Beetles Whiteflies Mites Deer Ticks Japanese Beetles
European Crane Flies Fire Ants and Other Listed Insects

Where to Use (icon outdoors)

Questions & Comments (phone icon) (computer icon)
Call 1-800-332-5553 or Visit our Website at www.xxxx.com

STOP READ ENTIRE LABEL BEFORE USE

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DIRECTIONS FOR USE

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



- Do not allow children or pets into the treated area until dry
- Do not water the treated area to the point of runoff
- Do not make applications during rain
- All outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses
 - 1 Treatment to soil or vegetation around structures
 - 2 Applications to lawns turf and other vegetation
 - 3 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, water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application

in New York State, this product may not be applied to lawns within 100 ft of a coastal marsh, or stream that drains directly into a coastal marsh

[Bracketed Text] = Optional language

HOW TO MIX AND APPLY

STEP 1

Determine size of spraying job For lawns and vegetables measure the area to be sprayed For trees shrubs and flowers apply as a thorough cover spray Make applications when insects first appear Applications should be repeated only as directed to maintain control

STEP 2

Use a clean sprayer Carefully measure and mix the amount of product and water as indicated in the [rate chart][directions] It is always a good idea to wear [disposable] gloves when handling pesticides **Kitchen utensils such as measuring cups and measuring spoons should not be used for food purposes after use with pesticides**

STEP 3

Spray as directed [in rate chart] Thorough coverage is important

STEP 4

Flush sprayer with clean water after each use

See [chart][directions] for list of use sites, plants and insects controlled Use the rate given in the [chart][directions] for the type of insect you want to control on the site or plant you are spraying

MEASUREMENT CONVERSIONS

- 1 Tablespoon = 3 teaspoons 1 fl oz = 6 teaspoons or 2 tablespoons
- 6 fl oz = ¾ cup
- 1 ½ Tablespoons in 3 gallons of water = 1 ½ teaspoons in 1 gallon of water
- 2 Tablespoons in 3 gallons of water = 2 teaspoons in 1 gallon of water
- †NOTE This product is non staining to most home siding depending on age and cleanliness However before using in areas where the spray may contact home siding (vinyl siding in particular) test in an inconspicuous area and recheck in a few hours Do not use if any staining is observed

LAWNS

UNDERGROUND INSECTS/HATCH INFESTING INSECTS including Blue grass billbug (adult), Black turfgrass *Ataenius* (adult) chiggers, chinch bugs white grubs (Japanese beetle European chafer Southern chafer) dung beetle and hyperodes weevils (adult) European crane flies and mole crickets (nymphs and young adults) Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water to treat 125 sq ft or 4 fl oz in 8 gallons water to treat 1000 sq ft For sub surface insect control (mole crickets grubs) water treated area with additional ¼ to ½ inch of water for optimum results [1 quart of Chemsico Insecticide Concentrate 25G treats 8 000 sq ft] Do not apply more than seven (7) times per year per location

SURFACE INSECTS including ants* armyworms cockroaches, crickets cutworms earwigs fleas lawn moths (sod webworms) millipedes mosquitoes palmetto bugs sowbugs mites spittlebugs and waterbugs

Thoroughly wet down grass a few hours before applying Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water to cover [treat] 250 sq ft or 2 fl oz (4 Tablespoons) in 4 gallons of water to cover [treat] 1000 sq ft of lawn Delay additional watering or mowing for 24 hours after application for optimum control of surface insects For heavy infestations or to kill Lone star ticks Brown dog ticks American dog ticks and deer ticks (which may transmit Lyme Disease) use rate can be increased to 3 fl oz/1000 sq ft [1 quart of Chemsico Insecticide Concentrate 25G treats 16 000 sq ft] Do not apply more than 14 (fourteen) times per year per location

WHEN TO TREAT Treat the following pests during the months indicated or when first noticed

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				Billbugs							
				Dung beetle grubs							
				Hyperodes weevils							
Treat ants* and other insects when they first appear or you notice lawn damage											

*Argentine Southern Field Allegheny mound Florida carpenter Cornfield Honey Pavement Nuisance

[NUISANCE] PESTS OUTSIDE THE HOME

[HOME BARRIER TREATMENT] Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water and apply as a continuous band of insecticide around building foundation and around windows doors eaves vents and other areas to greatly reduce the potential for entry by crawling pests For easier application remove debris and leaf litter from next to the foundation cut back vegetation and branches that touch the foundation and move or rake back rocks deep mulch or other potential pest harborage next to the foundation Apply a 3 ft band around the structure and upwards along the foundation to 3 feet and around windows doors and roof overhangs Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active 1 gallon will treat 250 sq ft of surface area Repeat application every 8 weeks [2 months]

OUTDOOR SURFACES USE For control of ants* centipedes cockroaches crickets fleas millipedes mosquitoes palmetto bugs scorpions sowbugs pillbugs spiders deer ticks and waterbugs Mix 0.5 fl oz (1 Tablespoon) in one gallon of water and apply as a residual treatment to ornamental plants next to foundations of buildings and to surfaces of buildings porches screens window frames eaves patios garages and other similar areas where these pests are active Repeat application every 8 weeks [2 months]

*Argentine Southern Field Allegheny mound Florida carpenter Cornfield Honey Pavement Nuisance

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FIRE ANT MOUNDS

Mix 1 0 fl oz (2 Tbsp) in 1 gallon of water and apply to each fire ant mound Thoroughly wet the mound and surrounding area to a 4 ft diameter For best results apply in cool weather 65 to 80 F or in the early morning or late evening Kills the entire mound including the queen in 24 hours Treat new mounds as they appear Do not disturb the mound prior to treatment

ORNAMENTAL TREES, SHRUBS AND FLOWERS

[For use on ornamental trees shrubs and flowers such as but not limited to Ageratum Ash Aster Arborvitae Arizona Cypress Azaleas Begonia Birch Boxwood Box Elder, Camellias Cherry (ornamental) Non bearing Citrus Chrysanthemums, Carnations, Coleus, Common Ninebark, Conifers Douglas Fir, Elm, English Ivy, Euonymus Exacum Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn Holly Honeysuckle Hypoestes Ivy, Juniper, Lilac Locust, Maple Marigold Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm Pansy Pea Shrub Petunia Philodendron, Pine Ornamental Plum, Poinsettia Poplar Tulip Poplar Rhododendron Roses, Snapdragon Snowberry, Spruce Taxus Willow, Zinnia]

To control [kill] ants*, armyworms, azalea caterpillar aphids bagworms black vine weevil (adult) box elder bugs budworms, California oakworm, cankerworms cockroaches, crickets cutworms Eastern tent caterpillar elm leaf beetles European sawfly fall webworm, flea beetles forest tent caterpillar, gypsy moth larvae Japanese beetles (adults) June beetles (adults) lace bugs leaf feeding caterpillars leafhoppers leafminers (adults) leaf rollers leaf skeletonizers midges oleander moth larvae pillbug pine sawfly pine shoot beetles, pinetip moths plant bugs root weevil, sawfly scale insects (crawlers) spiders spittlebugs striped beetles, striped oakworm thrips, tip moth tussock moth larvae Mix 0.25 fl oz (1/2 Tablespoon) in 1 gallon of water

To control [kill] broadmites, brown softscale, California redscale (crawler) clover mites mealybugs pineneedle scale (crawler) spider mites and whiteflies Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water

*Argentine Southern Field Allegheny mound Florida carpenter Cornfield Honey Pavement Nuisance

USE TIPS

- For best results apply early before insect populations are high
- For scale control treat entire plant including stem trunks and twigs
- For bagworm control apply when bagworm larvae begin to hatch
- For best results apply to both sides of plant leaves and all plant surfaces where insects are present

VEGETABLES

Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water and apply to 300 sq ft Apply when insects appear or when damage occurs Spray to wet all infested plant surfaces

Do not apply more than 5 times per growing season to corn For all other crops do not apply more than 9 times per growing season

For use on Broccoli Brussels Sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard and Kohlrabi to control [kill] Alfalfa Looper, Cabbage Looper, Imported Cabbageworm, Southern Cabbageworm, Cutworm, Cabbage Webworm Diamondback moth, Armyworm Beet Armyworm Fall Armyworm Yellow striped Armyworm Corn Earworm Flea Beetle Japanese Beetle (Adult), Grasshopper, Leafhopper, Plant Bug, including Lygus Bug, Stink Bug, Meadow Spittlebug, Aphid Whitefly, Thrips Spider Mite

For use on Corn (sweet and pop) to control [kill] Cutworm, Western Bean Cutworm Corn Earworm Green Cloverworm, Meadow Spittlebug Tobacco Budworm, European Corn Borer Southwestern Corn Borer, Stalk Borer Hop Vine Borer Armyworm Beet armyworm Western Corn Rootworm Beetle (adult) Northern Corn Rootworm Beetle (adult), Southern Corn Rootworm Beetle (adult), Mexican Corn Rootworm Beetle (adult) Bean Leaf Beetle Cereal Leaf Beetle Japanese Beetle (adult), Sap Beetle (adult) Stink Bug Grasshopper, Corn Leaf Aphid English Grain Aphid, Chinch Bug Green Bug

Sweet corn only Southern Armyworm Western Bean Cutworm, Tarnished Plant Bug Aster Leafhopper Aphid, Spider Mite, Corn silkfly (adult) For use on Lettuce (head and leaf) to control [kill] Alfalfa Looper, Cabbage Looper Imported Cabbageworm Cutworm, Saltmarsh Caterpillar Green Cloverworm Diamondback moth Armyworm Beet Armyworm, Fall Armyworm, Southern Armyworm, Corn Earworm Tobacco Budworm European Corn Borer Flea Beetle Japanese Beetle (Adult) Vegetable Weevil (adult), Grasshopper, Leafhopper, Plant Bug Stink Bug, Meadow Spittlebug Aphid Whitefly, Spider Mite

For use on Onion (bulb) and Garlic to control [kill] Cutworm Seedcorn Maggot (adult) Onion Maggot (adult), Leafminer (adult) Armyworm Onion Thrips Tobacco Thrips Western Flower Thrips Flower Thrips Aphid, Plant Bug Stink Bug

For Use on Tomato Tomatillo Peppers (bell and nonbell) Eggplant Ground Cherry and Pepino to control [kill] Cabbage Looper Cutworm spp Hornworm Tomato Fruitworm Tobacco Budworm Tomato Pinworm Beet Armyworm Southern Armyworm Yellow striped Armyworm Fall Armyworm European Corn Borer

Leafminer Colorado Potato Beetle Flea Beetle Grasshopper Leafhopper Aphid Whitefly Meadow Spittlebug Stink Bug Plant Bug Stalk Borer Blister Beetle, Japanese Beetle (adult) Vegetable Weevil Cucumber Beetle (adult)

For use on Asparagus beans Snap Beans Wax Beans Black eyed Peas Garden Peas Green Peas and Sugar Snap Peas to control [kill] Cutworm spp Green Cloverworm, Imported Cabbageworm, Saltmarsh Caterpillar Velvetleaf Caterpillar, Mexican Bean Beetle, Corn Earworm, Painted Lady Butterfly (Larva), European Corn Borer, Looper spp Western Bean Cutworm Armyworm, Yellow Striped Armyworm, Western Yellow Striped Armyworm Bean LeafSkeletonizer, Webworm spp Leaflier spp Alfalfa Caterpillar Stalk Borer, Cucumber Beetle (adult) Corn Rootworm Beetle (adult), Flea Beetle (adult) Blister Beetle, Bean Leaf Beetle Japanese Beetle (adult), Leafhopper spp Fleas Hopper spp Three Cornered Alfalfa Hopper, Meadow Spittle Bug Stink Bug spp Plant Bug spp Grasshopper Thrips spp Aphid spp

For use on Lettuce (Head and Leaf) to control [kill] Alfalfa Looper Cabbage Looper Imported Cabbageworm Cutworm spp Saltmarsh Caterpillar Green Cloverworm, Armyworm, Beet Armyworm, Fall Armyworm Corn Earworm, European Corn Borer Flea Beetle spp, Japanese Beetle (adult) Vegetable Beetle (adult), Grasshopper Leafhopper Plant Bug Stink Bug Meadow Spittlebug,

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST		PHI
Broccoli Brussels sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard Kohlrabi Lettuce (Head & Leaf)		1
Tomato Tomatillo Peppers (bell and nonbell) Eggplant Ground Cherry and Pepino		5
Onions (bulb) Garlic		14
Corn (sweet and pop)		21
Asparagus beans Snap Beans Wax Beans Black eyed Peas Garden Peas Green Peas and Sugar Snap Peas		7
Lettuce (Leaf and Head)		1
PHI = Pre Harvest Interval		

FRUIT AND NUT TREES

Mix 0.5 fl oz (1 Tablespoon) in 1 gallon of water and apply to 300 sq ft Apply when insects appear or when damage occurs Spray to wet all infested plant surfaces

For Fruit Trees do not apply more than 9 times per year and only apply 5 times after blooms have formed For Nut Trees do not apply more than 6 times per year and only apply 5 times after blooms have formed

For use on Apple Crabapple Loquat Mayhaw Oriental Pear Pear and Quince to control [kill] Leafhopper spp Codling Moth, Tufted Apple Budworm, Oriental Fruit Moth Lesser Appleworm Green Fruitworm, Tent Caterpillar spp, Tentiform Leaf Miner spp, Apple Maggot (adult), Pear Sawfly, Plum Curculio, Japanese Beetle Plant Bug Stink Bug Leafhopper, Periodical Cicada Apple Aphid, Rosy Apple Aphid Pear Psylla, San Jose Scale (on fruit only)

For use on Apricot Sweet Cherry Tart Cherry Nectarine Peach Plum (Chickasaw Damson Japanese) Plumcot and Prune to control [kill] Leafroller spp, Peach Twig Borer Oriental Fruit Moth Peachtree Borer spp Green Fruitworm Tent Caterpillar spp American Plum Borer Cherry Fruit Fly spp (adult) Plum Curculio Rose Chafer Japanese Beetle, Plant Bug Stink Bug Leafhopper spp Periodical Cicada, Black Cherry Aphid

For use on Almond Beech Nut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert (Hazelnut) Hickory Nut Macadamia Nut Walnut (Black and English) and Pecan to control [kill] Leafroller spp Navel Orangeworm, Codling moth, Filbertworm Peach Twig Borer Walnut Husk Fly spp (adult), Ants Plant Bug Stink Bug Chinch Bug Leaffooted Bug, Walnut Aphid Hickory Shuckworm, Pecan Casebearer spp, Pecan Weevil, Pecan Aphid spp, Pecan Spittlebug Pecan Phylloxera spp

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST		PHI
Fruit and Nut Trees		
Apple Crabapple Loquat Mayhaw Oriental Pear Pear Quince		21
Apricot Sweet Cherry Tart Cherry Nectarine Peach Plum (Chickasaw Damson Japanese) Plumcot and Prune		14
Almond Beech Nut Brazil Nut Butternut Cashew Chestnut Chinquapin Filbert (Hazelnut) Hickory Nut Macadamia Nut Walnut (Black and English) and Pecan		14
PHI = Pre Harvest Interval		

STORAGE AND DISPOSAL

Storage Store in a cool dry area away from heat or open flame If empty Nonrefillable 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

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disposal instructions Never place unused product down any indoor or outdoor drain

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION Harmful if swallowed Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum or using tobacco

FIRST AID

If Swallowed Call a Poison Control Center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a Poison Control Center or doctor Do not give anything by mouth to an unconscious person

Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice

Environmental Hazards

This product is extremely toxic to fish Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas 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 product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area

NOTICE To the extent consistent with applicable law buyer assumes all responsibility for safety and use not in accordance with directions

[Questions or comments? Call 1 800 332 5553]

[*If you are not satisfied with this product for any reason send your written request for a refund to the address below together with the original dated store receipt showing the price you paid Please allow 6 8 weeks for processing]

Made in the USA for
Chemsico Division of United Industries Corporation
PO Box 142642 St Louis MO 63114 0642

[Bracketed Text] = Optional language

EPA Reg No 9688 237

EPA Est No 9688 MO 1
© 2012

OPTIONAL READY SPRAY NOZZLE DIRECTIONS

STOP READ ENTIRE LABEL BEFORE USE

DIRECTIONS FOR USE

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



Do not allow children or pets into the treated area until dry

- Do not water the treated area to the point of runoff
- Do not make applications during rain
- All outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses
 - 1 Treatment to soil or vegetation around structures
 - 2 Applications to lawns, turf and other vegetation
 - 3 Applications to building foundations, up to a maximum height of 3 ft 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, water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application

In New York State, this product may not be applied to lawns within 100 ft of a coastal marsh, or stream that drains directly into a coastal marsh

HOW TO APPLY

Determine the size of the spraying job For lawns measure the area to be sprayed For trees shrubs and flowers apply as a thorough cover spray Begin treating when insects first appear Applications should be repeated only as directed to maintain

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control Apply as directed [in the rate chart] Remember thorough coverage is important Be sure to follow the important use limitations for the specific vegetable you are treating including the amount of spray that can be applied the interval between treatments and the days to wait before harvest

USING THE READY SPRAY NOZZLE (Optional subheading)

- 1 *Shake container well before using*
- 2 Connect a garden hose to the Ready Spray nozzle Make sure the dial on the nozzle is in the OFF position with the [green] safety tab in the valve notch
- 3 Turn on water at faucet Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area
- 4 To BEGIN spraying point nozzle toward treatment site and a) bend the [green] safety tab back (located at right of yellow dial) with your thumb b) hold while turning yellow dial clockwise until it stops Water will automatically mix with the product
- 5 Spray until wet to control insects Walk at a steady pace while spraying using an even sweeping motion slightly overlapping treated areas
- 6 To STOP spraying QUICKLY turn the dial counter clockwise until it stops and the safety tab engages into the notch on the valve Turn water off at faucet To relieve pressure before removing nozzle from hose bend the safety tab back and turn dial ON until water stops spraying
- 7 To STORE unused product make sure the dial is in the OFF position with [green] safety tab in the valve notch Place in cool area away from heat sunlight or open flame

†NOTE This product is non staining to most home siding depending on age and cleanliness However before using in areas where the spray may contact home siding (vinyl siding in particular) test in an inconspicuous area and recheck in a few hours Do not use any if any staining is observed

LAWNS

THATCH INFESTING INSECTS/UNDERGROUND INSECTS including Blue grass billbug (adult) Black turfgrass *Ataenius* (adult) chiggers chinch bugs white grubs (Japanese beetle European chafer Southern chafer), dung beetle and hyperodes weevils (adult) and mole crickets (nymphs and young adults) Use 1 quart of Chemsico Insecticide Concentrate 25G to treat [cover] 8,000 sq ft of lawn For sub surface insect control (mole crickets grubs) water treated area with additional ¼ to ½ inch of water for optimum results Do not apply more than seven (7) times per year per location

SURFACE INSECTS including ants* armyworms cockroaches crickets cutworms earwigs fleas lawn moths (sod webworms) millipedes mosquitoes palmetto bugs sowbugs mites spittlebugs Lone star ticks Brown dog ticks American dog ticks deer ticks (which may transmit Lyme Disease) and waterbugs Use 1 quart of Chemsico Insecticide Concentrate 25G to treat [cover] 16,000 sq ft of lawn Thoroughly wet down grass a few hours

before applying Delay additional watering or mowing for 24 hours after application for optimum control of surface insects Do not apply more than fourteen (14) times per year per location

WHEN TO TREAT Treat the following pests during the months indicated or when first noticed

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				Billbugs				Grubs			
				Dung beetle grubs							
				Hyperodes weevils							

Treat:ants* and other insects when they first appear or you notice lawn damage

*Argentine Southern Field Allegheny mound Florida carpenter Cornfield Honey Pavement Nuisance

ORNAMENTAL TREES, SHRUBS AND FLOWERS

[For use on ornamental trees shrubs and flowers such as but not limited to Ageratum, Aster Arborvitae Arizona Cypress Azaleas Begonia Birch Boxwood Box Elder Camellias Carnations, Cherry (ornamental) Chrysanthemums, Carnations Coleus, Common Ninebark, Confers Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig Fir, Gladioli, Gold Bells, Hawthorn, Holly Honeysuckle Hypoestes, Ivy, Juniper Lilac, Locust Maple Mangold Mimosa Mock Orange Nannyberry Oak Orchid Palm Pansy Pea Shrub Petunia Philodendron Pine Ornamental Plum Poinsettia Poplar Tulip Poplar, Rhododendron Roses, Snapdragon Snowberry Spruce, Taxus, Weeping Fig Willow, Zinnia]

To control [kill] ants* armyworms azalea caterpillar aphids, bagworms, black vine weevil (adult), boxelder bugs, budworms, California oakworm, cankerworms cockroaches, crickets cutworms Eastern tent caterpillar, elm leaf beetles European sawfly, fall webworm, flea beetles forest tent caterpillar gypsy moth larvae Japanese beetles (adults) June beetles (adults) lace bugs, leaf feeding caterpillars leafhoppers leafminers (adults) leafrollers leaf skeletonizers midges oleander moth larvae, pillbug, pine sawfly, pine shoot beetles pinetip moths plant bugs root weevil sawfly, scale insects (crawlers) spiders spittlebugs, striped beetles striped oakworm, thrips tip moth, tussock moth larvae, broadmites brown softscale, California redscale (crawler), clover mites, mealybugs, pineneedle scale (crawler) spider mites and whiteflies

*Argentine Southern Field Allegheny mound Florida carpenter Cornfield Honey Pavement Nuisance

Apply as a thorough foliar spray Wet leaves and branches to the dripping point Try to spray underside of leaves and penetrate dense foliage

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USE TIPS

- For best results apply early before insect populations are high
- For scale control treat entire plant including stem trunks and twigs
- For bagworm control apply when bagworm larvae begin to hatch
- For best results apply to both sides of plant leaves and all plant surfaces where insects are found

VEGETABLES

Apply when insects appear or when damage occurs Spray to wet all infested plant surfaces Apply as a thorough foliar spray Wet leaves and branches to the dripping point Try to spray underside of leaves and penetrate dense foliage 1 qt will treat 19 200 sq ft of vegetable plants

Do not apply more than 5 times per growing season to corn For all other crops do not apply more than 9 times per growing season

For use on Broccoli Brussels Sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard and Kohlrabi to control [kill] Alfalfa Looper, Cabbage Looper, Imported Cabbageworm Southern Cabbageworm Cutworm Cabbage Webworm, Diamondback moth Armyworm, Beet Armyworm, Fall Armyworm Yellow striped Armyworm Corn Earworm Flea Beetle Japanese Beetle (Adult) Grasshopper Leafhopper Plant Bug, including Lygus Bug, Stink Bug Meadow Spittlebug Aphid, Whitefly Thrips Spider Mite

For use on Corn (sweet and pop) to control [kill] Cutworm Western Bean Cutworm Corn Earworm, Green Cloverworm Meadow Spittlebug, Tobacco Budworm, European Corn Borer, Southwestern Corn Borer, Stalk Borer Hop Vine Borer Armyworm Beet armyworm Western Corn Rootworm Beetle (adult) Northern Corn Rootworm Beetle (adult) Southern Corn Rootworm Beetle (adult) Mexican Corn Rootworm Beetle (adult), Bean Leaf Beetle Cereal Leaf Beetle Japanese Beetle (adult) Sap Beetle (adult) Stink Bug Grasshopper Corn Leaf Aphid English Grain Aphid, Chinch Bug, Green Bug

Sweet corn only Southern Armyworm, Western Bean Cutworm Tarnished Plant Bug, Aster Leafhopper Aphid Spider Mite, Corn silkwily (adult) For use on Lettuce (head and leaf) to control [kill] Alfalfa Looper Cabbage Looper Imported Cabbageworm, Cutworm Saltmarsh Caterpillar, Green Cloverworm Diamondback moth Armyworm, Beet Armyworm Fall Armyworm Southern Armyworm Corn Earworm, Tobacco Budworm European Corn Borer Flea Beetle Japanese Beetle (Adult) Vegetable Weevil (adult) Grasshopper Leafhopper Plant Bug Stink Bug Meadow Spittlebug Aphid Whitefly, Spider Mite

For use on Onion (bulb) and Garlic to control [kill] Cutworm, Seedcorn Maggot (adult) Onion Maggot (adult) Leafminer (adult) Armyworm Onion Thrips,

Tobacco Thrips Western Flower Thrips Flower Thrips Aphid, Plant Bug Stink Bug

For use on Tomato Tomatillo Peppers (bell and nonbell) Eggplant Ground Cherry and Pepino to control [kill] Cabbage Looper, Cutworm spp, Hornworm, Tomato Fruitworm Tobacco Budworm, Tomato Pinworm, Beet Armyworm, Southern Armyworm, Yellow striped Armyworm, Fall Armyworm, European Corn Borer, Leafminer, Colorado Potato Beetle, Flea Beetle, Grasshopper Leafhopper, Aphid Whitefly Meadow Spittlebug Stink Bug Plant Bug Stalk Borer Blister Beetle Japanese Beetle (adult) Vegetable Weevil Cucumber Beetle (adult)

For use on Asparagus beans Snap Beans Wax Beans Black eyed Peas Garden Peas Green Peas and Sugar Snap Peas to control [kill] Cutworm spp, Green Cloverworm, Imported Cabbageworm, Saltmarsh Caterpillar, Velvetleaf Caterpillar Mexican Bean Beetle Corn Earworm Painted Lady Butterfly (Larva) European Corn Borer Looper spp Western Bean Cutworm Armyworm Yellow Striped Armyworm Western Yellow Striped Armyworm, Bean Leafskeltonizer Webworm spp Leaflier spp Alfalfa Caterpillar Stalk Borer, Cucumber Beetle (adult) Corn Rootworm Beetle (adult) Flea Beetle (adult), Blister Beetle Bean Leaf Beetle, Japanese Beetle (adult), Leafhopper spp, Fleas Hopper spp, Three Cornered Alfalfa Hopper, Meadow Spittle Bug, Stink Bug spp Plant Bug spp Grasshopper Thrips spp Aphid spp

For use on Lettuce (Head and Leaf) to control [kill] Alfalfa Looper Cabbage Looper Imported Cabbageworm Cutworm spp Saltmarsh Caterpillar Green Cloverworm Armyworm Beet Armyworm Fall Armyworm Corn Earworm, European Corn Borer Flea Beetle spp Japanese Beetle (adult) Vegetable Beetle (adult) Grasshopper Leafhopper, Plant Bug Stink Bug, Meadow Spittlebug

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST		PHI
VEGETABLES		
Broccoli Brussels sprouts Cabbage Cavalo Broccoli Cauliflower Chinese Broccoli Chinese Cabbage Chinese Mustard Kohlrabi Lettuce (Head & Leaf)		1
Tomato Tomatillo Peppers (bell and nonbell) Eggplant Ground Cherry and Pepino		5
Onions (bulb) Garlic		14
Corn (sweet and pop)		21
Asparagus beans Snap Beans Wax Beans Black eyed Peas Garden Peas Green Peas and Sugar Snap Peas		7
Lettuce (Leaf and Head)		1
PHI = Pre Harvest Interval		

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FRUIT AND NUT TREES

Apply when insects appear or when damage occurs. Spray to wet all infested plant surfaces. Apply as a thorough foliar spray. Wet leaves and branches to the dripping point. Try to spray underside of leaves and penetrate dense foliage. 1 qt will treat 19-200 sq ft of fruit and nut trees.

For Fruit Trees do not apply more than 9 times per year and only apply 5 times after blooms have formed. For Nut Trees do not apply more than 6 times per year and only apply 5 times after blooms have formed.

For use on Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, and Quince to control [kill] Leafhopper spp, Codling Moth, Tufted Apple Budworm, Oriental Fruit Moth, Lesser Appleworm, Green Fruitworm, Tent Caterpillar spp, Tentiform Leaf Miner spp, Apple Maggot (adult), Pear Sawfly, Plum Curculio, Japanese Beetle, Plant Bug, Stink Bug, Leafhopper, Periodical Cicada, Apple Aphid, Rosy Apple Aphid, Pear Psylla, San Jose Scale (on fruit only).

For use on Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw Damson, Japanese), Plumcot, and Prune to control [kill] Leafroller spp, Peach Twig Borer, Oriental Fruit Moth, Peachtree Borer spp, Green Fruitworm, Tent Caterpillar spp, American Plum Borer, Cherry Fruit Fly spp (adult), Plum Curculio, Rose Chafer, Japanese Beetle, Plant Bug, Stink Bug, Leafhopper spp, Periodical Cicada, Black Cherry Aphid.

For use on Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black and English), and Pecan to control [kill] Leafroller spp, Navel Orangeworm, Codling moth, Filbertworm, Peach Twig Borer, Walnut Husk Fly spp (adult), Ants, Plant Bug, Stink Bug, Chinch Bug, Leafhopper, Pecan Weevil, Pecan Aphid, Hickory Shuckworm, Pecan Casebearer spp, Pecan Weevil, Pecan Aphid spp, Pecan Spittlebug, Pecan Phylloxera spp.

NUMBER OF DAYS TO WAIT BETWEEN THE LAST APPLICATION AND HARVEST		PHI
Fruit and Nut Trees		21
Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear, Quince		14
Apricot, Sweet Cherry, Tart Cherry, Nectarine, Peach, Plum (Chickasaw Damson, Japanese), Plumcot, and Prune		14
Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut, Walnut (Black and English), and Pecan		
PHI = Pre Harvest Interval		

STORAGE AND DISPOSAL

Storage: Store in a cool, dry area away from heat or open flame. If empty, nonrefillable 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

FIRST AID

If Swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a Poison Control Center or doctor for treatment advice.

Environmental Hazards

This product is extremely toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 runoff to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

[Questions or comments? Call 1 800 332 5553]

[*If you are not satisfied with this product for any reason, send your written request for a refund to the address below together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

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Made in the USA for
Chemsico Division of United Industries Corporation
PO Box 142642 St Louis MO 63114 0642

EPA Reg No 9688 237 EPA Est No 9688 MO 1 © 2012

OPTIONAL DIRECTIONS FOR USE AS A ONE TIME CONCENTRATE REFILL FOR A READY-TO-USE PRODUCT

STOP READ ENTIRE LABEL BEFORE USE

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling *For use around the home only Do not use on pets*



Do not allow children or pets into the treated area until dry

For use only as a refill for Chemsico Home Insect Control 25G Do not use this product for any other purpose or in any other container

- Do not water the treated area to the point of runoff
- Do not make applications during rain
- All outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses
 - 1 Treatment to soil or vegetation around structures
 - 2 Applications to lawns turf and other vegetation
 - 3 Applications to building foundations up to a maximum height of 3 ft
 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 water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application

To an empty 1 gallon bottle of Chemsico Home Insect Control 25G add [12.8 fl oz][one bottle] of [this product][Chemsico Insecticide Concentrate 25G] or for an empty 1.3 gallon bottle add [17 fl oz][one bottle] of [this product][Chemsico Insecticide Concentrate 25G]. Fill bottle slowly with water to make [1 gallon][1.3 gallons] of [Ready to use] spray. Replace [pump handle][cap][sprayer] and shake well before using. Store unused Chemsico Insecticide Concentrate 25G in original container with cap tightly closed in a cool dry area away from children. See Chemsico Home Insect Control 25G label for complete [sprayer][container][Easy Action Pump] instructions.

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Optional Marketing Claims for refill product

Use [to Refill] [in the] [1 33 gal] [1 gal] [Chemsico Home Insect Control 25G] [[With] Easy Action Pump [Sprayer] [&] [[Battery Powered] EZ Spray Refill [Concentrate] for the [Ready-To-Use] [Chemsico Home Insect Control 25G] [Easy Action Pump] [Convenient] [Money Saving] Refill [Concentrate] Same [Performance] & [Uses] as the [Ready-To-Use] [Easy Action Pump] [Chemsico Home Insect Control 25G [when diluted according to label directions]] Use indoors and outdoors See directions on the [Chemsico Home Insect Control 25G] [for indoor and outdoor use] [for use indoors and as an outdoor [foundation] treatment] [Money Back Guarantee*] [Guaranteed* Results or Your Money Back]

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