

ACCEPTED

Jun 25, 1971

464-297

Comments

Kills: Snails, slugs, millipedes, sowbugs (pillbugs), armyworms, cutworms, sod webworm (lawnmoth), loopers, genista caterpillar, tent caterpillars, spiny elm caterpillar, yellow-necked caterpillar, birch leaf miner, European pine shoot moth, red-pine sawfly, thrips, leafhoppers, scale crawlers and soft scales, greenhouse whitefly, aphids and mites.

DIRECTIONS FOR USE

Apply ZECTRAN 25W in water sprays to ornamental plants, ground cover, soil surfaces and other areas harboring pests. Keep well agitated. For specific uses consult RECOMMENDATION TABLE.

Foliage Feeding Insects and Mites: Spray infested plants thoroughly with a mixture containing 2 to 3 pounds of ZECTRAN 25W per 100 gallons of water. Where aphids, scale insects and mites are the major problem, use the higher dosage. Spray to wet the upper and lower leaf surfaces. Re-treat as necessary.

Snails, Slugs and Other Turf Pests: Mix 3 pounds of ZECTRAN 25W with 100 gallons of water. Spray to wet plants thoroughly. Use one gallon per 175 square feet to soak debris and soil under infested plants to kill snails and slugs secluded in such areas. Re-treat as needed. NOTE: Feeding stops soon after treatment but complete kill may be delayed for two or three days.

Snails on Roots of Potted Orchids: Dip pots containing orchids with root infestations of snails into a water drench containing 6 pounds of ZECTRAN 25W per 100 gallons of water. Immerse the pot so that the upper edge is slightly below the surface of the liquid. Allow to remain in suspension until all bubbling stops. Then withdraw pot and allow excess liquid to drain before returning to normal place. Repeat treatment as needed.

CAUTION: Do not contaminate skin or hands with drench. Use rubber gloves or mechanical pot-dipper.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

ZECTR

INS

AN OUTSTANDING INSECTICIDE
TURF, SHADE TREES, FLOWERS

ACTIVE INGREDIENT:

4-dimethylamino-3,5-xylol methylcarbamate.....

INERT INGREDIENTS:.....

U.S.D.A. Registration No. 464-297

USE PRECAUTIONS

Avoid contamination of feed, foodstuffs, water supplies, and garden fishpools. Keep children and pets off treated areas until spray has dried.

This product is toxic to wildlife. Do not contaminate water by equipment or disposal of wastes.

Apply this product only as specified on the label.

Dispose of waste by burying in non-cropland away from water supplies. Containers should be disposed by burning or by other means with waste.

THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN

ACCEPTED WITH COMMENTS

LOT



ZECTRAN[®] 25W

INSECTICIDE

AN OUTSTANDING INSECTICIDE FOR CONTROL OF CERTAIN PESTS OF
TURF, SHADE TREES, FLOWERING, AND OTHER ORNAMENTAL PLANTS.

ACTIVE INGREDIENT:
4-dimethylamino-3,5-xylyl methylcarbamate..... 25%
INERT INGREDIENTS: 75%

U.S.D.A. Registration No. 464-297

USE PRECAUTIONS

Avoid contamination of feed, foodstuffs, water supplies, and lawn or garden fishpools. Keep children and pets off treated areas until spray has dried.

This product is toxic to wildlife. Do not contaminate water by cleaning equipment or disposal of wastes.

Apply this product only as specified on the label.

Dispose of waste by burying in non-cropland away from water supplies. Containers should be disposed by burning or by burying with waste.

WARNING

KEEP OUT OF THE REACH OF CHILDREN
MAY BE FATAL IF SWALLOWED

Avoid Eye and Skin Contact

Avoid Breathing Spray Mists

Wash Well After Handling

If swallowed, call a physician immediately. Note to physician:
Active ingredient has cholinergic effects. Treat symptomatically.
Atropine is an antidote.

U. S. Patent No. 3,084,098

THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

LOT

LBS.

25W

CONTAIN PESTS OF
ORNAMENTAL PLANTS.

WARNING
OUT OF THE REACH OF CHILDREN
FATAL IF SWALLOWED

Avoid Eye and Skin Contact
Use Bathing Spray Mists
Wash Well After Handling

Seek Medical Attention Immediately. Note to physician:
Allergic effects. Treat symptomatically.

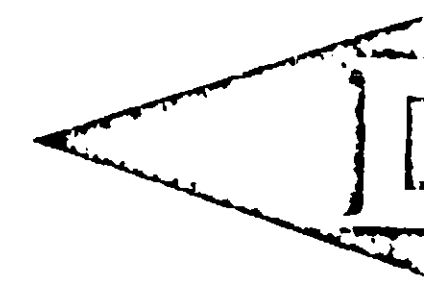
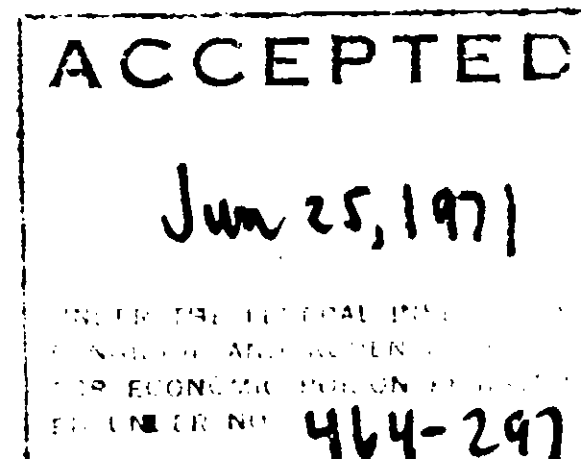
Patent No. 3,084,098

MPANY

RECOMMENDATION TABLE

Plants	Pests Controlled	Amount of ZECTRAN 25W per 100 gal. of water†
Ornamentals: For such plants as azalea, abelia, aspidistra, boxwood, barberry, camellia, chrysanthemum, fern, gardenia, hibiscus, holly, honeysuckle, ivy, jasmine, pittosporum, philodendron, privet, pyroantha, rose, sweet bay, viburnum; and such ornamental and shade trees as flowering almond, crabapple, pomgranite and plum; acacia, ash, date palm, elm, dogwood, locust, magnolia, maple, mulberry, oak, sycamore, weeping willow and others; Evergreens, such as arborvitae, juniper, pine, spruce, yew.	Loopers, European pine shoot moth cutworms, genista caterpillar, tent caterpillars, birch leaf miners, spiny elm caterpillar, yellow-necked caterpillar and red-pine sawfly, thrips, leafhoppers.	2 pounds
	Aphids, scale crawlers, soft scales, greenhouse whitefly, mites— including clover mite and two spotted spider mite.	3 pounds
Turf and flower beds; such as bluegrass, Bermudagrass, dichondra, ivy, and similar ground cover.	Snails, slugs, sod webworms (lawnmoths), armyworms, cut- worms, millipedes and sowbugs (pillbugs).	3 pounds (use 250 gal/Acre)
To control snails on roots of potted orchids dip infested pots containing orchids as described under DIRECTIONS FOR USE.		6 pounds

† 3, 4½ and 9 tablespoonfuls per 1 gallon are equivalent to 2, 3 and 6 pounds of
ZECTRAN 25W per 100 gallons, respectively.



Kills: Snails, slugs, millipedes, sowbugs (pillbugs), armyworms, cutworms, sod webworm (lawnmoth), loopers, genista caterpillar, tent caterpillars, spiny elm caterpillar, yellow-necked caterpillar, birch leaf miner, European pine shoot moth, red-pine sawfly, thrips, leafhoppers, scale crawlers and soft scales, greenhouse whitefly, aphids and mites.

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ZECTR

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**AN OUTSTANDING INSECTIC
TURF, SHADE TREES, FLOWE**

ACTIVE INGREDIENT:

4-dimethylamino-3,5-xylyl methylcarbamate.....

INERT INGREDIENTS:.....

U.S.D.A. Registration No. 464-297

USE PRECAUTIONS

Avoid contamination of feed, foodstuffs, water supplies, and garden fishpools. Keep children and pets off treated area until spray has dried.

This product is toxic to wildlife. Do not contaminate water by equipment or disposal of wastes.

Apply this product only as specified on the label.

Dispose of waste by burying in non-cropland away from water supplies. Containers should be disposed by burning or by other means with waste.

**THE DOW CHEMICAL COMPANY
MIDLAND, TEXAS**

LOT



ZECTRAN[®] 25W

INSECTICIDE

AN OUTSTANDING INSECTICIDE FOR CONTROL OF CERTAIN PESTS OF
TURF, SHADE TREES, FLOWERING, AND OTHER ORNAMENTAL PLANTS.

ACTIVE INGREDIENT:

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WARNING

KEEP OUT OF THE REACH OF CHILDREN
MAY BE FATAL IF SWALLOWED

Avoid Eye and Skin Contact

Avoid Breathing Spray Mists

Wash Well After Handling

If swallowed, call a physician immediately. Note to physician:
Active ingredient has cholinergic effects. Treat symptomatically.
Atropine is an antidote.

U. S. Patent No. 3,084,098

THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

LOT

LBS.

25W

CONTAIN PESTS OF
ORNAMENTAL PLANTS.

WARNING

KEEP OUT OF REACH OF CHILDREN
FATAL IF SWALLOWED

Avoid Eye and Skin Contact

Washing Spray Mists

Wash Well After Handling

Seek Medical Attention Immediately. Note to physician:
Anticholinergic effects. Treat symptomatically.

Patent No. 3,084,098

COMPANY

RECOMMENDATION TABLE

Plants	Pests Controlled	Amount of ZECTRAN 25W per 100 gal. of water ¹
Ornamentals: For such plants as azalea, abelia , aspidistra , boxwood, barberry, camellia, chrysanthemum, fern, gardenia, hibiscus, holly, honeysuckle, ivy, jasmine, pittosporum, philodendron, privet, pyrocantha, rose, sweet bay, viburnum; and such ornamental and shade trees as flowering almond, crabapple, pomgranite and plum; acacia, ash, date palm, elm, dogwood, locust, magnolia, maple, mulberry, oak, sycamore, weeping willow and others; Evergreens, such as arborvitae, juniper, pine, spruce, yew.	Loopers, European pine shoot moth cutworms, genista caterpillar, tent caterpillars, birch leaf miners, spiny elm caterpillar, yellow-necked caterpillar and red-pine sawfly, thrips, leafhoppers.	2 pounds
	Aphids, scale crawlers, soft scales, greenhouse whitefly, mites — including clover mite and two spotted spider mite.	3 pounds
Turf and flower beds; such as bluegrass, Bermudagrass, dichondra, ivy, and similar ground cover.	Snails, slugs, sod webworms (lawnmoths), armyworms, cutworms, millipedes and sowbugs (pillbugs).	3 pounds (use 250 gal/Acre)
To control snails on roots of potted orchids dip infested pots containing orchids as described under DIRECTIONS FOR USE.		6 pounds

¹3, 4½ and 9 tablespoons per 1 gallon are equivalent to 2, 3 and 6 pounds of ZECTRAN 25W per 100 gallons, respectively.



DIRECTIONS FOR USE

CAUTION: Do not eat, drink, or smoke while using this product. Wear gloves and clothing that completely covers you.

ZIECHER LINGS

ACTIVE INGREDIENT
4-dimethylamino-3,5-xylol methylcarbamate
INERT INGREDIENTS
U.S.D.A. Registration No. 464-297

As discussed in the text, the health effects of water supply are dependent on the type of water supply and the type of treatment used.

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