

SUPPLEMENTAL LABELING

Drexel

ACCEPTED

APR 22 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 19713-231

Dimethoate 4EC

Systemic Insecticide - Miticide

(EPA Reg. No. 19713-231)

FOR USE IN ORNAMENTALS GROWN IN OUTDOOR NURSERIES ONLY

Do not use on ornamental plants grown in greenhouses, shade houses, landscapes, interiorscapes and residential, public, recreational, commercial, industrial and institutional establishments.

READ THE ENTIRE DREXEL DIMETHOATE 4EC LABEL BEFORE PROCEEDING
WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABEL

**KEEP OUT OF REACH OF CHILDREN
WARNING**

DIRECTIONS FOR USE

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

This labeling and the EPA registered labeling must be in the possession of the user at time of pesticide application.

All applicable directions, restrictions and use precautions on Drexel DIMETHOATE 4EC LABEL(s) are to be followed. This labeling contains supplemental instructions and restrictions for use of this product which may not appear on the Drexel DIMETHOATE 4EC label. Follow the instructions carefully.

ORNAMENTAL PLANTS (Outdoor Nurseries Only)

Dimethoate 4EC is generally effective in controlling aphids, thrips, leaf miners, scales, leafhoppers and mites. Make adequate spray when pests appear or when damage is first observed. Do not overdose or overspray. For proper timing of treatments for the control of specific pests on ornamental plants, consult your state agricultural experiment station or state agricultural extension service.

Do not use on ornamental plants not listed. Do not use on any ornamental stock plants grown as a source of propagation material, such as cuttings, layers, root stocks or scions for grafting or budding. Do not use in spray mixtures containing oil. Do not use on plants growing in greenhouses.

For ornamental shade and nursery trees (including, but not limited to, those trees listed otherwise in the following directions) to control aphids and elm leaf beetle, apply as a soil injection at the rate of one-half teaspoonful of product per inch of tree circumference measured at approximately 4.5 to 5 feet above ground level. Apply using a low-pressure injector to a 4 to 6 inch level below ground surface within the dripline of the tree. Water heavily after application. Application should be made once per growing season (twice per season for elm leaf beetles; once shortly after trees leaf out, and once 6 to 8 weeks later). Some species such as River Birch, Prunus, Ornamental Cherry, Hawthorne, Japanese Lace Maple and Aspens may show phytotoxic effects at label rates. DO NOT USE ON BEARING FRUIT TREES.

IMPORTANT: When making soil injections, use a low pressure soil injection device. Always wear a full face shield, rubber gloves, long-sleeved shirt and rubber apron. DO NOT inject into soil areas where children or pets may dig or exhume treated soil.

Plant	Pest Controlled	Rate of Application
Arbovitae	Aphids, Bagworms, Mites	2 tsps. per gal. water (3.5 fl. ozs. per 10 gals. water)
Continued		

Plant	Pest Controlled	Rate of Application
Azaleas	Lace bugs, Leaf miners, Mites, Tea scale and White flies	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Birch	Aphids, Leafminers	0.5 to 1 tsp. per gal. water (0.8 to 1.75 fl. ozs. per 10 gals. water)
SPECIFIC DIRECTIONS: For Leafminers, apply when leaves are expanded and repeat in 6 weeks. Use the higher rate of application when insect pest population is high.		
Boxwood	Leafminers, Mealy Bugs and Mites	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
SPECIFIC DIRECTIONS: For Leafminers, apply in Spring when Leafminer flies first appear or in early Summer for control of larvae.		
Camellias	Aphids, Camellia scale and Tea scale, Mites	Foliar Spray: 1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water) Soil Drench: 2 fl. ozs. in 1 gal. water
SPECIFIC DIRECTIONS: Using the Soil Drench method, use 2 fl. ozs. in 1 gallon of water for plants up to 6 inches tall. Increase rate proportionately for larger plants. Apply as a soil drench around the base of plants in early Spring.		
Carnations	Aphids, Thrips and Mites	Soil Drench: 2 fl. ozs. per 500 sq. ft. of bed or bench.
SPECIFIC DIRECTIONS: Apply in sufficient water for even distribution. Water in thoroughly following application.		
Continued		

Manufactured By:

Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

Plant	Pest Controlled	Rate of Application
Cedar	Mites	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)
Christmas trees	Bagworms, Balsam twig aphids, Blue aphids, European pine shoot moths, Mites, Nantucket pine tip moths, Zimmerman pine moths	3 tps. per gal. water (5.25 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: Do not use on Japanese maples or Red leaf ornamental species.	
Cottonwood (Poplar)	Aphids, Bagworms, Leaf beetles	Foliar Spray: Apply 2 ozs. per 6 gals. water. Soil Injection: 08 oz. per inch of tree circumference
	SPECIFIC DIRECTIONS: (Foliar spray) - Apply 2 ozs. per 6 gallons of water. Repeat on a 10 day interval, as necessary, up to 4 sprays per year. (Soil Injection) - Apply at a rate of 0.08 oz. per inch of tree circumference measured approximately 5 feet above ground level. Application should be made shortly after trees leaf out and again 6 to 8 weeks later, if necessary. Inject to a 4 to 6 inch level below ground surface. Number of injections should equal inches of tree circumference. Water heavily with at least two inches of water. Leaf beetle (Chemigation) - 1.33 to 4 pints per acre through drip line. Application may be repeated two times. Refer to the Chemigation section on the Dimethoate 4EC label for additional application information	
Cypress	Bactra moth larvae	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: Apply as a drenching spray.	
Daylilies	Aphids, Thrips	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)
Douglas fir	Fir cone midge	4 tps. per gal. water (7 fl. ozs. in 10 gals. water)
	SPECIFIC DIRECTIONS: Make thorough coverage application when cones are closed and pendant. Use hydraulic or backpack sprayer.	
Fraser fir	Rosette bud mites	1 to 2 tps. per gal. water (1.33 pints per 100 gals. water)
	SPECIFIC DIRECTIONS: Use a high pressure hydraulic sprayer with a handheld spray gun to thoroughly wet trunk and limbs on front and back of tree. Use the higher rate of application if insect pest population is high.	
Euonymus	Aphids, Scales	1 to 2 tps. per gal. water (1.75 to 3.5 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: Use the higher rate of application if insect pest population is high.	
Ficus nitida	Thrips	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Gardenias	Tea scale and Whitefly	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Gerberas	Thrips	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Gladiolus	Aphids, Thrips	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Hackberry	Hackberry budgall psyllid, Hackberry nippegall psyllid	Soil Injection: 1 part to 3 parts dilution
	SPECIFIC DIRECTIONS: Use a 1:3 dilution (1 part Dimethoate 4EC to 3 parts water). Apply using a low-pressure injector. Inject 1 fl. oz. of dilution 6 inches below ground for each one-half inch of trunk diameter. Make insertions within dripline of tree. Apply prior to bud break. Do not apply to plants that have not been established for at least 3 years.	
Hemlocks	Mites, Scales	1 tsp. per gal. water (1.75 fl. oz. per 10 gals. water)
Holly (English & American, not Burford variety)	Leafminers, Mites, Soft scale	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: For Leafminers, apply in Spring when Leafminer flies first appear, or in early Summer, for control of larvae in infested leaves.	

Continued

Plant	Pest Controlled	Rate of Application
Honeysuckle	Honeysuckle aphid	Soil Injection: 1 part to 3 parts dilution
	SPECIFIC DIRECTIONS: Use a 1:3 dilution (1 part Dimethoate 4EC to 3 parts water). Apply using a low-pressure injector. Inject 1.25 fl. ozs. of dilution 6 inches below ground for each one-half inch of trunk diameter. Do not apply to plants that have not been established for at least 3 years.	
Iris	Aphids, Iris borer, Thrips	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: For borer control, spray when new leaves are 5 to 6 inches tall.	
Oak	Golden oak scale	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)
Pines, Juniper	Aphids, Bagworms, European pine shoot moth, Midges, Mites, Zimmerman pine moth	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)
	Loblolly pine sawfly, Nantucket pine tip moth	3.5 tps. per gal. water (6 fl. ozs. per 10 gals. water)
Pinyon pine	Pinyon needle scale	2.5 tps. per gal. water (12.5 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: Apply spray to egg masses at the base of the trees and to all rough bark and crotches that can be reached from the ground. Make this bark application when crawlers start to emerge from the eggs. Use hydraulic or backpack sprayer. Do not spray leaves or needles since phytotoxicity may result.	
	Pinyon "Pitch mass" borer, Pinyon spindle gall midge, Tip moth	Soil Injection: 1 part to 3 parts dilution
	SPECIFIC DIRECTIONS: Use a 1:3 dilution (1 part Dimethoate 4EC to 3 parts water). Apply using a low-pressure injector. Inject 1.5 fl. ozs. of dilution 6 inches below ground surface for each 1 inch of trunk diameter. Make insertions within dripline of tree. For Spindle gall midge and Tip moth apply in mid to late Spring. For Pinyon borer make application in early Summer.	
Poinsettia	Aphids, Mealybugs, Mites, Whiteflies	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
Roses	Aphids, Leafhoppers, Mites, Thrips	1 tsp. per gal. water (1.75 fl. ozs. per 10 gals. water)
	SPECIFIC DIRECTIONS: For Foliar spray apply 2 sprays 6 weeks apart the first year followed by annual applications soon after the first growth begins in the Spring. For Soil drench apply as a soil drench around the base of plants in early Spring at the rate of 2 tablespoons (1 fl. oz.) per gallon of water per plant.	
Taxus (upright or spreading Yew)	Fletcher scale, Mealybugs, Mites	2 tps. per gal. water (3.5 fl. ozs. per 10 gals. water)