



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 14 1994

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OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/01/93 in Response to PR Notice 93-7
EPA Reg. No. 2217-714
PESTROY 4EC BROAD SPECTRUM INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

Page 2

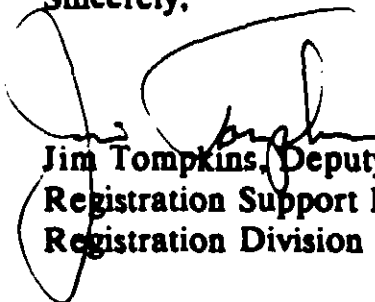
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

PESTROY® 4 EC

BROAD-SPECTRUM INSECTICIDE

For Ornamental Plants and Trees Outdoors and in Nurseries.
Not for Forestry Use. For Ground Application Only.

ACTIVE INGREDIENT:

Fenitrothion: O,O-dimethyl O-(4-nitro-m-tolyl) phosphorothioate..... 45.0%

INERT INGREDIENTS..... 55.0%

TOTAL 100.0%

Contains xylene-range aromatic solvent

This product contains 4 pounds fenitrothion insecticide per gallon

PESTROY® is a registered trademark of PBI-GORDON CORPORATION.

SUMITHION® is a registered trademark of SUMITOMO CHEMICAL CO., LTD.

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find some one to explain it to you in detail.)

See side panels for additional Precautionary Statements and Statement of Practical Treatment.

NET CONTENTS 1, 2 1/2, 5, 30, AND 55 GALLONS

697/993WPS AP

EPA REG NO 2217-714
EPA EST NO 2217-KS-1

MFD. BY PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 14 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2217-714

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not breathe vapors. Do not get in eyes, on skin, or on clothing. ~~Thoroughly wash contaminated skin with soap and water. Launder clothing after using this product.~~ Keep out of domestic or animals water supplies. Do not store or transport with food or animal feed.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves such as barrier laminate or Viton \geq 14 mils, and chemical-resistant footwear plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Statement of Practical Treatment

This product is an organophosphate insecticide/miticide.

For Pesticide Emergency – CALL A PHYSICIAN IMMEDIATELY: If exposure occurs or is suspected, immediately initiate the procedures below. Simultaneously contact a Poison Control Center, a physician or the nearest hospital. Describe the situation and follow the advice given. NOTE: Be sure to advise the physician that the compound is a cholinesterase inhibitor and follow the physician's advice.

IF SWALLOWED: Immediately give large quantities of water and induce vomiting. This product contains hydrocarbon solvent. Have a physician determine if condition of patient will permit evacuation of stomach. Never give anything by mouth to an unconscious person.

FOR EYE CONTACT: Hold eyelids apart and flush with large amounts of running water for at least 15 minutes. Get medical attention.

FOR SKIN CONTACT: Flush with plenty of water for at least 15 minutes. ~~Remove contaminated clothing and shoes.~~ Get medical attention if irritation occurs. ~~Wash clothing before reuse.~~

IF INHALED: Remove to fresh air. Seek medical attention if respiratory irritation occurs.

NOTE TO PHYSICIAN: Exposure may cause cholinesterase inhibition. Atropine by injection is antidotal. 2-PAM is also antidotal when administered early and in conjunction with atropine.

Environmental Hazards: This product is toxic to wildlife and extremely toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or disposal of wastes. 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.

BEST AVAILABLE COPY

Physical or Chemical Hazards: Do not expose to heat above 150°F. Do not use, pour, spill, or store near heat or open flame. Do not expose to prolonged heat. Contact of container with flames or high temperatures will cause an explosion. Keep container closed when not in use.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard. 40 CFR part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

o- tribe

For any requirements specific to your State, consult the agency in your State responsible for pesticide regulation.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls over short-sleeved shirt and short pants, chemical resistant gloves such as barrier laminate or Viton ≥ 14 mils, and chemical resistant footwear plus socks.

~~Reentry into treated areas is prohibited for 24 hours after the end of the application, unless the protective clothing specified on this label is worn. When mixing, loading, spraying or cleaning equipment, or during early reentry into treated areas, wear chemical resistant gloves, protective suits or coveralls that cover the arms, legs, and torso, and chemical resistant shoes, boots, or shoe covers. Chemical resistant gloves must be washed with soap and water before removing. All clothing worn during the use of fenitrothion must be laundered separately from household articles. Clothing and protective gear drenched or heavily contaminated with fenitrothion must be destroyed according to state and local regulations. Drenched or heavily contaminated clothing cannot be properly decontaminated.~~

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Storage area should be cool, dry, and ventilated. Do not expose to prolonged heat. Contact of containers with flames or high temperatures will cause an explosion. This product will support combustion. Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.



CONTAINER DISPOSAL: For plastic containers, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. For metal drums, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

- FOR OUTDOOR USE ONLY - GROUND APPLICATION ONLY -

Do not treat areas where food or feed crops are growing. Do not apply to potable water. Do not apply this product through any type of irrigation system.

ORNAMENTALS & TREES: To control certain insects on ornamentals apply PESTROY at the rates indicated in the following table per 100 gallons of water with appropriate sprayer. The finished spray should be applied to the point of runoff, thoroughly wetting all parts of the affected plants. Use outdoors, in nurseries or greenhouses as a broadcast or spot application. Repeat applications may be necessary to maintain insect control. Do not repeat more than once a week.

INSECTS	PINTS PER 100 GALLONS WATER					
	1	1 - 2	1 1/2	2	3	6
APHIDS: (<i>Cinara spp.</i>); Ivy Aphid (<i>Aphis hederæ</i>); Tulip Tree Aphid (<i>Macrosiphum liriodendri</i>); Rose Aphid (<i>Macrosiphum rosæ</i>)		X				
Crapemyrtle aphid: (<i>Tinocallis kahawaluokalani</i>)				X		
BAGWORM: (<i>Thyridopteryx ephemeraeformis</i>)					X	
BORER: Iris Borer (<i>Macronoctua onusta</i>)		X				
BUDWORM: Spruce budworm (<i>Choristoneura fumiferana</i>)			X			
CANKERWORM: Fall cankerworm (<i>Alsophila pometaria</i>)	X					
CATERPILLAR: Forest Tent Caterpillar (<i>Malacosoma disstria</i>); Easter Tent Caterpillar			X			
(EOTETRANYCHUS spp.)		X				
GYPSY MOTH		X				
LACEBUG: Andromeda lacebug				X		
Hawthorn Lacebug (<i>Corythucha cydoniae</i>)		X				
LEAF BEETLE: Imported willow leaf beetle (<i>Plagioderia versicolora</i>); Elm leaf beetle (<i>Pyrrhalta luteola</i>)				X		
LEAFMINER: Birch leafminer (<i>Fenusa pusilla</i>); Azalea Leafminer (<i>Caloptilia azalea</i>)		X		X		
MEALYBUG: Citrus mealybug (<i>Planococcus citri</i>)		X				
MIDGE: Balsam Gali Midge (<i>Paradiplosis tumifex</i>)		X				
MITE: Eriophyid Mite (<i>Nalepella tsugifoliae</i>); Southern Red Mite (<i>Oligonychus lices</i>)		X				
PALMERWORM: <i>Dichomeris ligulella</i>			X			
PSYLLID: Boxwood Psyllid (<i>Psylla buxi</i>), Hackberry Psyllid (<i>Pachypsylla celtidisvesicula</i>)		X				

INSECTS	PINTS PER 100 GALLONS WATER					
	1	1-2	1 1/2	2	3	6
PINE TIPMOTH: (Adult - <i>Rhyacionia spp.</i>)		X				
SAWFLY: European pine sawfly (<i>Neodiprion sertifer</i>) European spruce sawfly; Pine sawfly (<i>Diprion hercyniae</i>)		X				
SCALE: Red pine scale, <i>Matsucoccus resinosa</i> (1st generation crawler) Cottony Taxus Scale, Crawlers (<i>Pulvinaria floccifera</i>)		X				X
SPITTLEBUG: Saratoga spittlebug (<i>Aphrophora saratogensis</i>) Meadow Spittlebug (<i>Philaenus leucophthalmus</i>)		X		X		
SLUG: Rose Slug (<i>Endelomyia aethiops</i>)		X				
WEBWORM: Fall Webworm (<i>Hyphantria cunea</i>)				X		
WEEVIL: Pales Weevil (<i>Hyllobius pales</i>); Northern Pine Weevil (<i>Pissodes approximatus</i>); Black Vine Weevil (<i>Brachyrhinus sulcatus</i>)		X				
WHITEFLY: Citrus Whitefly (<i>Dialeurodes citri</i>)		X				

**RECOMMENDED FOR INSECT CONTROL ON THE FOLLOWING
ORNAMENTAL PLANTS & TREES**

Pestroy has demonstrated excellent plant safety; however, all species and varieties have not been tested. As a precaution for groups where there are many species and varieties, treat a few plants and observe before treating a large area.

ALDER	Black alder
ARBORVITAE	
ASH	Green ash (<i>Fraxinus pennsylvanica</i>)
ANDROMEDA	(<i>Pieris japonica</i>)
AZALEA	Red Ruffle - Fashion - Cornell Pink - Rhododendron simsii - Coral Belle - Pine Ruffle - Judge Solomon - George Tabor - Formosa - President Clay - Snow - Daphne Salmon - King's White - Macrantha - Hind - Hampton - Christmas Cheer - White Cumpo
BARBERRY	Japanese barberry
BEECH	American beech - European beech
BIRCH	River birch - Sweet birch - European white birch (<i>Betula pendula</i>)
BUCKEYE	Ohio buckeye
BUCKTHORN	(<i>Rhamnus, Frangula</i>)
BOXWOOD	Richard's boxwood - Creole boxwood - (<i>Buxus spp.</i>)
CAMELLIA	(<i>Camellia japonica</i>) - (<i>Camellia sasanqua</i>)
CATALPA	(<i>Catalpa bignonioides</i>)
CEDAR	Red cedar (<i>Juniperus virginiana</i>)

CHESTNUT	Bartlett chestnut
CHINESE MAGNOLIA	(<i>Magnolia sinensis</i>)
CLEYERA	
COLEUS	(<i>Coleus</i>) Var. Red Velvet
COTONEASTERS	Jorgle (<i>Cotoneaster dammeri</i>) - (<i>Cotoneaster apiculatus</i>)
CRAPEMYRTLE	(<i>Lagerstraeemia spp.</i>)
DOGWOOD	Flowering dogwood
ELM	Siberian elm (<i>Ulmus pumila</i>) - Slippery elm (<i>Ulmus fubra</i>) - American elm (<i>Ulmus americana</i>) - (<i>Ulmus parvifolia</i>) - Sappora Gold Hybrid - Chinese elm
EUONYMUS	(<i>Euonymus fortunei</i>) - Evergreen euonymus (<i>Euonymus japonicus</i>) - (<i>Euonymus vegetas</i>)
FERN	
FIR	(<i>Abies sp.</i>) Balsam Fir - Douglas Fir - True Fir - Noble Fir - Grand Fir - White Fir - Chester Fir
GARDENIA	Radicans - Mystery - August Beauty
HACKBERRY	(<i>Celtis occidentalis</i>)
HEARTNUT	
HEMLOCK	Eastern Hemlock
HONEYSUCKLE	
HONEY LOCUST	
HOLLY	(<i>Ilex crenata</i>) var. <i>convexa</i> - (<i>Ilex cornuta</i>) var. <i>Burfordii</i> - (<i>Ilex rotunda</i>) - (<i>Ilex compacta</i>) - Yaupon (<i>Ilex vomitoria</i>) - (<i>Ilex crenata</i>) var. <i>Helleri</i> - Blue angel (<i>Ilex meserveae</i>)
HOPHORNBEAM	Eastern hophornbeam
HORNBEAM	American hornbeam
HOSTA	Variegated hosta
HORSECHESTNUT	Red horsechestnut
IRIS	Study in Black - Frontier - Marshall
IVY	English Ivy
JUNE BERRY	(<i>Amelanchier</i>)
JUNIPER	Blue rug (<i>Juniperus horizontalis</i>) - <i>Torulosa</i> - Variegated Prostrata - Hill's Blue - (<i>Juniperus chinensis</i>) "Pfitzeriana" - (<i>Juniperus chinensis</i>) "Hetzi"
KENTUCKY COFFEETREE	
LARCH	
LILAC	Syringe C.V. French Hybrid lilac
LIRIOPE	
MAGNOLIA	(<i>Magnolia grandiflora</i>) - (<i>Fucata magnolia</i>)
MAOLE	Amur maole
MAPLE	Hedge maple - Japanese maple - Red maple - Silver maple - Striped maple - Tartarian maple
MONKEY GRASS	

MARIGOLD	(<i>Gold Galore</i>)
MOUNTAIN ASH	European mountain ash
MULBERRY	White mulberry
MYRTLE	Blue myrtle
OAK	Pos oak - White oak - Pin oak (<i>Quercus palustris</i>) - Northern red oak (<i>Quercus rubra</i>) - Shumard red oak (<i>Quercus shumardii</i>)
PALM	Windmill palm
PACHYSANDRA	
PEONY	
PFITZERIANA	(<i>Juniperus chinensis</i>)
POPLAR	White poplar (<i>Populus alba</i>) - Cottonwood (<i>Populus deltoides</i>)
PINE	White pine (<i>Pinus strobus</i>) - Scotch pine (<i>Pinus sylvestris</i>) - Dwarf red pine (<i>Pinus resinosa</i>) - Japanese black pine (<i>Pinus thunbergii</i>) - Japanese white pine (<i>Pinus parviflora</i>) - Eastern White Pine (<i>Pinus strobus</i>) - Jack pine (<i>Pinus banksiana</i>) - Red pine (<i>Pinus resinosa</i>) - Mugho Pine (<i>Pinus mugo mugo</i>) - Loblolly Pine Seedlings - Pitch Pine - Bristlecone Pine - Sugar Pine - Umbrella Pine
PITTIOSPORUM	Green Pittosporum - Variegated Pittosporum
PLANETREE	London Planetree
PRIVET	California privet (<i>Ligustrum ovalifolium</i>) - Common privet (<i>Ligustrum vulgare</i>)
PYRACANTHA	Fiery Thorn - Everlasting Thorn (<i>Pyracantha coccinea</i>)
QUINCE	Japanese quince
REDBUD	(<i>Cercis canadensis</i>)
RHODODENDRON	(<i>Rhododendron</i>) var. Azalea mollis - Nova embla (<i>Rhododendron catawbiense</i>) - (<i>Rhododendron</i>) var. Snowball
ROSE	(<i>Rosa</i>) var. Confidence - Zonna - Nugget
SERVICEBERRY	Downy Serviceberry
SPRUCE	Blue Spruce (<i>Picea pungens</i>) - Norway Spruce (<i>Picea abies</i>) - White Spruce (<i>Picea glauca</i>) - Alberta Spruce (<i>Picea albertiana</i>) - (<i>Picea engelmannii</i>)
SWEETGUM	(<i>Liquidambar styraciflua</i>)
SYCAMORE	American sycamore
TAMARACK	
TAXUS	(<i>Taxus media</i>) var. Hicksii
TUPELO	Black Tupelo
TULIPTREE	
VIBURNUM	Viburnum spp.
WALNUT	Black Walnut
WILLOW	Laurel willow (<i>Salix pentandra</i>) - Black willow (<i>Salix nigra</i>) - Golden willow
WITCHHAZEL	

- Ornamental Pine Trees, Southern Pine Beetle Control -

Apply spray to individual trees using hand or power operated ground application equipment.

Treatment of pines with this product will reduce mortality caused by the southern pine beetle. PESTROY may be used either to prevent southern pine beetle attack (preventive treatment) or to control beetles already established in trees (remedial treatment).

PREVENTIVE TREATMENT: Prepare a 2% solution by diluting 5 fluid ounces of PESTROY with sufficient water to make one gallon of finished spray solution (or 4.25 gallons of PESTROY per 100 gallons of finished spray solution). Apply the solution to the tree trunk from ground level up to the first limbs in early spring or anytime trees are threatened with beetle attack from nearby infested trees. Apply to point of runoff. Repeat at intervals of 90 days during the summer and early fall or as long as the threat of attack exists.

REMEDIAL TREATMENT: Prepare a 1% solution by diluting 2.50 fluid ounces with sufficient water to make one gallon of finished spray solution (or 2.12 gallons of PESTROY per 100 gallons of finished spray solution). Apply the mixture to the infested portion of the tree or to all sides of logs and limbs cut from such trees after beetle attack has occurred but prior to beetle emergence. Apply to the point of runoff.

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.