

PM 19 45639-66

File
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United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 1 1993

Richard R Stevens
NOR-AM CHEMICAL COMPANY
3509 SILVERSIDE ROAD
WILMINGTON DE 19803

Subject: Label Amendment Submission of 06/03/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 45639-66
FICAM PLUS

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

2 9 7

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

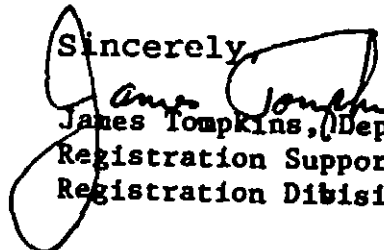
Hand or courier deliveries of final labels may be made to:

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

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,


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

SPECIMEN LABEL

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ACCEPTED
with COMMENTS
in EPA Letter Dated
001 4 1993

Ficam[®] PLUS⁺

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45639-66

WETTABLE POWDER INSECTICIDE

RECOMMENDED FOR USE ONLY BY PEST CONTROL OPERATORS

ACTIVE INGREDIENTS:	Percent by Weight
+Bendiocarb: (2,2 dimethyl-1,3 benzed oxol-4-yl-methylcarbamate)	29.45
Pyrethrins	3.06
*Piperonyl Butoxide, Technical	7.66
INERT INGREDIENTS:	59.83
	TOTAL 100.00

EPA Reg. No. 45639-66

KEEP OUT OF REACH OF CHILDREN WARNING

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

STATEMENT OF PRACTICAL TREATMENT

THIS PRODUCT IS AN N-METHYL CARBAMATE

IF SWALLOWED: Do not induce vomiting. Give 1-2 glasses of water. Do not give anything by mouth to someone who is unconscious. If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions. (If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions.)

IF INHALED: Move to fresh air. If breathing is difficult, give oxygen. If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions.

IF ON SKIN: Wash with plenty of water. If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions.

IF IN EYES: Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions.

NOTE TO PHYSICIAN: This pesticide contains 29.45% Bendiocarb, a carbamate. Carbamates are known to be anticholinergic. Symptoms of anticholinergic toxicity include dry mouth, blurred vision, tachycardia, and urinary retention. If you are unsure of what to do, call your local poison control center or doctor immediately for treatment instructions.

NOR-AM

NET CONTENTS:

IMPORTANT: Read the entire Directions for Use, Precautions, and Disclaimer of Warranties before using this product.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Harmful or fatal if swallowed. May be absorbed through the skin. Avoid contact with the eyes, skin, and clothing.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP WORK and get help right away. See First Aid (Practical Treatment) section.

Avoid breathing and working in spray mist or dust.

Do not apply to humans, their clothing or bedding.

With proper spraying, FICAM[®] PLUS[®] does not result in a visible deposit. However, if unevenly applied, or sprayed to run-off, a visible deposit may occur on some dark surfaces.

Do not apply this product in conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard. If there is a need to treat such areas, use oil-based sprays or FICAM[®] D.

Do not use on or contaminate fruit, vegetables, or other feed or food crops.

Do not store near feed or food products and do not contaminate these or food preparation surfaces, dishes, kitchen utensils and food containers with either concentrate or spray.

PERSONAL PROTECTIVE EQUIPMENT Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the 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.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of waste.

This product 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 if bees are visiting the treatment area.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place.

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Packet—After insuring both used packets and outer containers are empty, crush and dispose of in trash container.

GENERAL INFORMATION

FICAM PLUS is a specially formulated wettable powder which gives knockdown and residual control of those pests listed below. It is especially suited for control of cockroaches.

FICAM PLUS does not damage paint, plastics, fabrics, or other surfaces where water alone causes no damage.

DIRECTIONS FOR USE

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

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

Thoroughly wash out sprayer and strainer with water and detergent before using FICAM PLUS.

For use by service persons for residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include, but are not limited to, stores, warehouses, industrial buildings, houses, apartment buildings, mausoleums, greenhouses, laboratories, schools, nursing homes, hospitals, restaurants, hotels and food manufacturing, processing and servicing establishments and on vessels, aircraft, rail cars, buses, trucks, and trailers.

Applications should be made to hiding places, runways, and other places where pests are found.

Pay particular attention to: cracks and crevices, around water and sewer pipes; under and behind cabinets, refrigerators and sinks; around window and door frames; along baseboards; and in attics and crawl spaces.

FICAM PLUS is intended for dilution with water for application with hand or power-operated sprayers. Do not use strainers finer than 50-mesh size.

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When using hand sprayers, fill with the desired volume of water, add FICAM PLUS, close tightly, and invert sprayer several times before use to insure proper suspension of the wettable powder. Re-invert sprayer before use if spraying is interrupted. Repeat treatments as necessary to maintain adequate control.

Dosages for Conventional Spray Volumes:

- ⌈ One packet FICAM PLUS mixed in one gallon of water yields 0.25% ai bendiocarb + 0.026% ai pyrethrins + 0.065% ai piperonyl butoxide.
- ⌈ Two packets of FICAM PLUS mixed in one gallon of water yields 0.5% ai bendiocarb + 0.052% ai pyrethrins + 0.13% ai piperonyl butoxide.

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 (PPE) 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required 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, is:

- ⌈ Coveralls
- ⌈ Waterproof gloves
- ⌈ Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not permit children or pets to contact treated surfaces until spray has dried completely.

INDOOR USE

Cockroaches (Including both non-resistant and organochlorine resistant strains), Ants, Crickets, Silverfish, and Firebrats: Mix one packet of FICAM PLUS per gallon of water and apply as a coarse low pressure spot or crack and crevice spray to areas where these pests hide, such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, and similar areas. For ants, apply to ant trails, around doors and windows and other places where ants enter premises.

Carpenter Ants: Mix one packet of FICAM PLUS per gallon of water and apply to ant trails, around doors and windows and other places where ants enter premises. Where possible, apply FICAM PLUS directly to ant nest or infested wood.

Termites: Mix one packet of FICAM PLUS per gallon of water and apply to voids or channels in damaged wooden members of a structure, or to cracks, spaces or bearing joints between wooden members of a structure or between such members and the foundations, in locations vulnerable to termite attack such as crawl spaces. Drilling may be necessary prior to applying FICAM PLUS to voids, cracks or joint spaces in vulnerable locations and to channeled sections of wood but it must be recognized that such drilling and treating of a timber in place may not result in complete coverage of infested and vulnerable voids or galleries. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged.

The purpose of such applications of FICAM PLUS is to kill workers or winged reproductive forms which may be present in the treated channels and spaces at the time of treatment and to impart a temporary resistance at these places to termite attack which may aid, in some part in the prevention of immediate reinfestation by termites. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement, particularly where use of other insecticides may pose an odor problem.

Do not apply solution until location of heat or air conditioning ducts, vents, water, and sewer lines and electrical conduits are known and identified.

When located, applications may be made around these structures. However, caution must be taken to avoid contamination of these structural elements and airways.

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Brown Dog Ticks and Fleas in Buildings: Mix one packet of FICAM PLUS per gallon of water and thoroughly apply spray to infested areas. These include pet beds (after the bedding has been removed) and resting quarters, nearby cracks and crevices, rugs and floor coverings, and under their edges, between and under cushions of upholstered furniture, and other areas where these pests may be present. Entire rugs may be treated. Apply the spray evenly (approx. 1 gal/800 ft.²) to rugs and furniture. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Additionally, insure that pets are treated with an EPA approved product registered for such use. Do not treat pets or their bedding with this product. Do not permit children or pets to contact treated surfaces until spray has dried completely.

Spiders (Including Black Widow Spiders): Mix one packet of FICAM PLUS per gallon of water and apply to infested baseboards, window and door frames, corners, pipes, storage localities, attics, and under eaves. Make spot applications to other areas over which these pests may crawl.

Wasps and Bees: Mix one packet of FICAM PLUS per gallon of water and thoroughly spray nest and entrance and surrounding areas where insects alight. It is generally advisable to spray the nests in the evening when the insects are less active and have returned to the nest. For best results, check nest carefully one or two days after spraying to insure complete kill, then remove and destroy nest to prevent emergence of newly hatched insects.

Sowbugs, Pillbugs, Ground Beetles, Earwigs, Millipedes, Centipedes and Scorpions: Mix one packet of FICAM PLUS per gallon of water and apply around doors and windows, and other places where these pests may enter premises. Spray baseboards, storage areas, and other locations where these pests are found.

Pantry Pests—Grain Beetles (Rusty, Merchant and Sawtoothed), Flour Beetles (Red and Confused), Drugstore Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths: Treat exposed stages. Mix one packet of FICAM PLUS per gallon of water. Remove all foodstuffs, shelving paper and utensils from area to be treated. Apply FICAM PLUS to cupboards and shelves and allow to dry. Cover with shelving paper prior to replacement of food and utensils. Infested foodstuffs should be destroyed.

Carpet Beetles (Black, Furniture and Varied): Mix one packet of FICAM PLUS per gallon of water. Apply as spot applications on and under edges of floor coverings, under rugs and furniture, and in closets or other localities where these insects are found. Entire rugs may be treated.

Note: Where it is desired to obtain a longer period of control of all of the above pests in areas where access is difficult or where deposits will not be quickly removed by cleaning, apply FICAM PLUS at a rate of two packets per gallon of water. This rate may also be used to quickly reduce heavy infestations of cockroaches.

Webbing Clothes Moths: Mix two packets of FICAM PLUS per gallon of water and apply spray as spot application in closets and other storage areas where webbing clothes moths are found. This treatment is an adjunct treatment and will not control moth larvae already on the clothes. Do not apply FICAM PLUS to clothing.

Food Handling Establishments

Places other than private residences in which food is held, processed, prepared or served.

Food Areas

Application limited to spot or crack and crevice treatment only. For spot treatments, no individual spot will exceed two (2) square feet.

Includes areas for receiving, storage, packing, (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas when food is exposed and facility is in operation are also considered a food area.

Prepare a spray solution as directed above and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pinstream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where cockroaches, ants, silverfish, firebrats, spiders, and crickets hide. Spot treatment using coarse spray may also be made to areas where any of the above pests hide or inhabit such as baseboards, storage areas, closets, around water pipes, doors, and windows, behind and under refrigerators, cabinets, sinks, stoves, and other equipment, the underside of shelves, drawers, and similar areas.

Make applications using low pressure to avoid possible atomization or splashing of the spray. Avoid contamination of food or food processing surfaces.

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Non-Food Areas

FICAM PLUS may be used as a crack and crevice treatment or as a spot application in non-food areas. All areas where insects hide or through which insects may enter should be treated.

This product is authorized for use in non-food areas of Federally Inspected Meat and Poultry Plants.

OUTDOOR USE

Perimeter Treatment: Residual spray for control of ants, bees, brown dog ticks, centipedes, cockroaches, crickets, earwigs, firebrats, fleas, ground beetles, millipedes, pillbugs, scorpions, silverfish, sowbugs, spiders (including Black Widow spiders), and wasps. Mix one packet of FICAM PLUS per gallon of water and apply as a residual spray or with a paint brush to surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and other areas where these pests congregate.

To help prevent infestations of buildings by the above pests, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Mix one packet of FICAM PLUS per gallon of water and apply as a coarse spray to thoroughly and uniformly wet the band area.

Yard Treatment: For the control of nuisance pest populations of ants, crickets, spiders, ground beetles, ticks, sowbugs, and pillbugs, mix one packet of FICAM PLUS in five gallons of water and apply as a coarse spray to thoroughly wet the treated areas.

IN CASE OF FIRE, LEAKY, OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

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