



PM 19 45639-66 file 1 of 7

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

AUG 24 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PAULA F. PAUL  
NOR-AM CHEMICAL CO.  
LITTLE FALLS CENTRE ONE  
2711 CENTERVILLE ROAD  
WILMINGTON, DE 19808

SUBJECT: Label Amendment Submission of 7/29/93 in Response to PR Notice 93-7  
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, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments on the attached sheet are addressed. Other than the alterations listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

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.



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

**WHAT YOU NEED TO DO NEXT:**

Send to EPA one (1) copy of the final printed labeling.

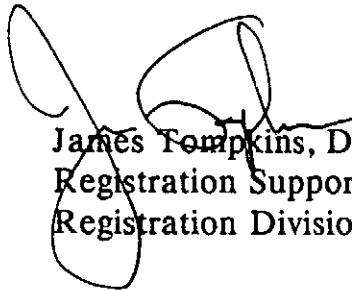
Submit the final printed labeling via the U.S. Postal Service to:

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,



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

Enclosures

EPA REG. NO. 45639-66

NO COMMENTS.

# SPECIMEN LABEL

Out of Scope 4 of 7  
Label

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

AUG 24 1994

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

# Ficam® PLUS+

**SYNERGIZED**

**PYRETHRINS**

**WETTABLE POWDER INSECTICIDE**

**RECOMMENDED FOR USE ONLY BY PEST CONTROL OPERATORS**

## ACTIVE INGREDIENTS:

†Bendiocarb: (2,2 dimethyl-1,3 benzodioxol-4-yl-methylcarbamate)

Pyrethrins

\*Piperonyl Butoxide, Technical

## INERT INGREDIENTS:

## Percent by Weight

29.45

3.06

7.66

59.83

**TOTAL**

100.00

\*Equivalent to 6-12481-1 (butylcarbitol) (6-propylpiperonyl) ether and 1-5342-1 related compounds

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

EPA Reg. No. 45639-66

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

## STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or poison control center. Give 1 or 2 glasses of water and induce vomiting by touching finger to back of throat or administer ipecac syrup USP. Adult dose 20 ml., children 10 ml. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get medical attention.

**IF INHALED:** Keep patient strictly at rest and transfer to hospital immediately to get medical attention.

**IF ON SKIN:** Wash with soap and warm water for 15 minutes.

**IF IN EYES:** Flush with plenty of water for 15 minutes. Get medical attention.

**NOTE TO PHYSICIAN:** Contains anticholinesterase carbamate insecticide. In cases of overexposure, atropine sulfate - 2 mg. (equivalent to 1/4 grain adult dose) should be given and repeated as necessary until fully atropinized. Pralidoxime (P2S) is ineffective, morphine contraindicated. Control convulsions with diazepam 10-20 mg. intravenously.

**NOR-AM**  
NOR-AM CHEMICAL COMPANY  
A Schering-Boehr Company

SPECIALTY PRODUCTS DIVISION  
Little Falls Centre One  
2711 Centerville Road  
Wilmington, DE 19808

## NET CONTENTS:

†Protected by U.S. Patent No. 4,056,625

**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. If contact occurs, wash skin and clothing immediately with soap and warm water, and eyes with clean water.

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 (First Aid Treatment) section.

Avoid breathing and working in spray mist or dust.

When applying in outdoor sites keep all unprotected persons, children, and animals away from treated area or where there is danger of drift.

Wash hands and exposed skin before eating, drinking or smoking and after spraying or handling. Wash all contaminated clothing thoroughly before reuse.

Do not apply to humans, their clothing or bedding.

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

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.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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.

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, 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.

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.

## 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.

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**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.

**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.<sup>2</sup>) 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.

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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.

#### **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.

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