

45639-73 PM15 1/3/10

SUPPLEMENTAL LABELING

FOR USE IN ARIZONA - ONLY

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators Certification.

FOR AGRICULTURAL USE ONLY

Fundal[®] SP

INSECTICIDE/OVICIDE FOR USE ON COTTON
PACKED IN SOLUBLE BAG

EPA Reg. No. 45639-73 EPA Est. No. 33967-N

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABEL ARE TO BE FOLLOWED. THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its label.

FUNDAL SP TANK-MIX WITH THE SYNTHETIC PYRETHROIDS LISTED BELOW ⁽¹⁾

PEST	TIME OF APPLICATION	RATE FUNDAL SP	RATE PYRETHROIDS
PINK BOLLWORM	APPLY WHEN MOTHS ARE PRESENT IN THE FIELD	1/8-1/4 LB./ACRE	REFER TO PYRETHROID LABEL FOR RECOMMENDED RATE

- (1) Ambush Trademark of ICI Americas, Inc.
- Ammo Trademark of FMC CORPORATION
- Cymbush Trademark of ICI Americas, Inc.
- Pay-Off Trademark of American Cynamid Co.
- Pounce Trademark of FMC Corp.
- Pydrin Trademark of Shell Chemical Co.

ACCEPTED

JUL 11 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45639-73

IMPORTANT! READ BEFORE USE

By using this product, user 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 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 use of this product. As a result, crop injury or ineffectiveness is always possible. **DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARE, 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 INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS. **LIMITATIONS OF LIABILITY:** In no event shall NOR-AM Chemical Company's liability for damages arising out of the use of this product exceed the purchase price of the product used.

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NOR-AM

NOR-AM CHEMICAL COMPANY

3509 Silverside Road, P.O. Box 7485
Wilmington, DE 19803

**SPECIAL PRECAUTIONS
TO PREVENT EXPOSURE**

2910

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG - 1 1983

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

2139-98

Transferred to

45639.73

Wear the standard and special protective clothing as indicated below to ensure against possible exposure during all operations associated with handling and application. Wear clean clothes each day and launder before reusing. Place contaminated clothing in a special, designated container until laundering. Keep a complete clean change of clothes at the worksite for use if needed. Replace boots and gloves if contaminated.

STANDARD CLOTHING: Heavy-duty, long-sleeve, one piece worksuit; cloth cap; underwear including T-type undershirt; rubber or neoprene gloves; socks; heavy-duty workboots, waterproofed.

**SPECIAL PROTECTIVE CLOTHING
AND EQUIPMENT**

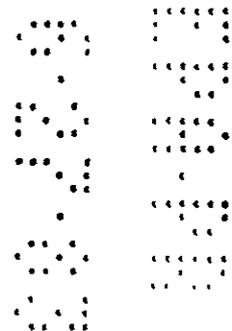
When washing aircraft, cleaning equipment, in case of spill or accidents, and for other special uses when maximum protection is needed, wear a complete waterproof rubberized or plastic rainsuit with head covering; rubber boots (slip-on, knee-length, waterproof) heavy-duty rubber or neoprene gloves; and an approved pesticide respirator such as Willson® 1200 facepiece equipped with Willson R-21 cartridges and R-15 filters. Cartridges and filters are to be changed daily, not to exceed 8 hours of use, or if breathing becomes difficult. Clean all protective clothing and equipment after each use.

PERSONAL PRECAUTIONS

If FUNDAL SP or spray solution gets on clothing, immediately remove contaminated clothing and wash affected parts of the body with soap and water. If there is any question as to the extent of contaminations, bathe entire body thoroughly. Change to clean clothing.

Wash hands with soap and water before eating, drinking, or smoking.

At the end of the work day, bathe entire body with soap and plenty of water.



SPECIAL EQUIPMENT

FUNDAL SP must be transferred and mixed using closed-system equipment. A closed-system is defined as appropriate connections, meters, pumps, and plumbing designed to eliminate human contact. Do not use open mixing vats or tanks, or open pouring.

All plumbing connections must be sufficiently tight to prevent leakage.

Use hoses constructed of chemically resistant, heavy-duty, reinforced materials. Avoid excessive pressures to minimize the possibility of rupture. If any sign of weakness appears, flush the hose thoroughly with clean water and replace immediately.

Transport, storage vessels, and transfer equipment must be equipped with dry-break valves.

Any equipment which has been contaminated with FUNDAL SP must be thoroughly cleaned and flushed with clean water prior to maintenance or use for other purposes. Wear appropriate protective clothing when performing equipment maintenance operations.

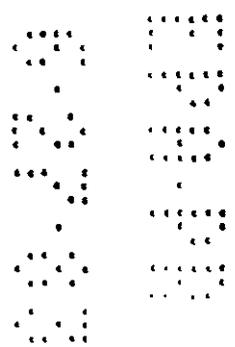
Spray equipment must be equipped with low drift nozzles.

ACCIDENTS

For minor spills, leaks, etc. follow all previously mentioned precautions and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

In the event of a major spill or accident, phone 800/424-9300 for assistance.

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**INSECTICIDE/OVICIDE FOR USE ON COTTON
PACKED IN SOLUBLE BAG**

ACTIVE INGREDIENT:

Chlordimeform hydrochloride* 97.0%

*N^t-(4-chloro-o-tolyl)-N,N-dimethylformamidine
monohydrochloride

INERT INGREDIENTS 3.0%
Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING
PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMANS - May be harmful or fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles when handling. Avoid inhaling vapors or spray mist. Wash with soap and water after handling and before eating, drinking, or smoking. Wear clean clothes and wash before reusing. Do not contaminate food or feedstuffs.

In case of contact, thoroughly clean skin and clothing. For eyes, flush immediately with water and get medical attention.

NOTE: This product has been shown to cause cancer in laboratory animals. The user must read and follow all precautionary statements and instructions for use on label of the container.

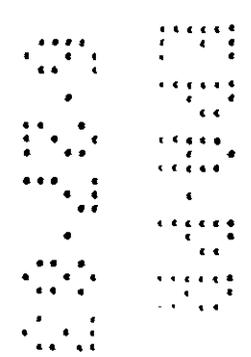
AVISO

AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

Indicación: El producto presente mostró un efecto cancerigeno en animales de laboratorio.

El usuario tiene que leer y seguir estrictamente todas las precauciones e instrucciones que se indican en la etiqueta de envase.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)



ENVIRONMENTAL HAZARDS - This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. FUNDAL SP, when used alone, has little or no effect on predators, beneficial insects, and bees.

SEE OTHER PANELS FOR ADDITIONAL PRECAUTIONS

THIS BOX CONTAINS FUNDAL SP IN A WATER SOLUBLE BAG. INNER BAG AND CONTENTS DISSOLVE IN WATER. AFTER OPENING OUTER BOX, OPEN FOIL LINER AND IMMEDIATELY DUMP ENTIRE UNOPENED INNER BAG INTO THE CLOSED-SYSTEM MIX TANK. DO NOT HANDLE SOLUBLE BAG OR EXPOSE IT TO MOISTURE SINCE THIS MAY CAUSE BREAKAGE.

DO NOT REUSE THIS CONTAINER DESTROY WHEN EMPTY

NET CONTENTS: 2 1/2 LBS.
U.S. Patent Nos. 3,378,437; 3,502,720
E.P.A. Reg. No. 2139-98
E.P.A. Est. No. 33967-NJ-1

GENERAL INFORMATION

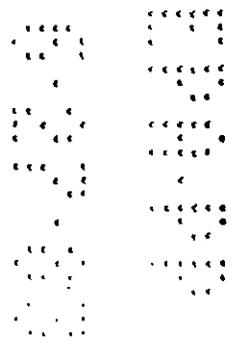
FUNDAL SP is a completely water-soluble insecticide/ovicide for control of bollworm and tobacco budworm on cotton. Best results can be expected in fields under a regular scouting program.

DIRECTIONS FOR USE

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

Apply by air or by ground using low drift nozzles. Do not use less than 1 gallon spray per acre by air or not less than 10 gallons by ground.

Read the entire Directions for Use before using this product.



USE PRECAUTIONS

Do not spray shortly before rainfall. Do not allow prepared solutions to stand overnight. Flush spray tank thoroughly with water daily after use. Do not allow animals to graze in areas treated with FUNDAL SP. Do not feed crop residues. Do not apply near persons or dwellings. Do not enter treated fields for at least 24 hours after application.

NOTE: To avoid excessive residues, do not apply less than 21 days before harvest. Do not feed foliage from treated cotton plants or gin trash to livestock.

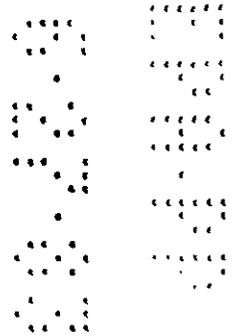
STORAGE AND DISPOSAL

DO NOT STORE THIS BOX UNDER WET CONDITIONS. HANDLE CAREFULLY WHEN STORED AT TEMPERATURES OF LESS THAN 50° F TO AVOID BREAKAGE OF SOLUBLE BAG.

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

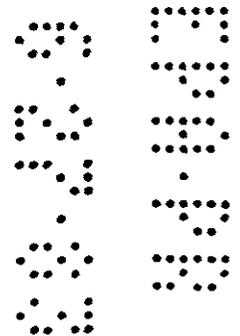
Completely empty box into application equipment. Then dispose of empty box in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.



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**IMPORTANT:
READ BEFORE PURCHASE OR USE
CONDITIONS OF SALE**

Purchase or use of this product shall constitute acceptance of the following terms of sale. NOR-AM Agricultural Products, Inc. (NOR-AM) warrants that this product conforms to the chemical descriptions on this label and is reasonably fit for the purposes specified hereon. By way of limitation but not in derogation of the directions and statements printed on this label, Seller makes no warranty and no representation and NOR-AM makes no further warranty or representation, expressed or implied, including but not limited to any warranty to MERCHANTABILITY, and no agent of NOR-AM is authorized to do so except in writing, with a specific reference to the foregoing warranty. Since neither Seller nor NOR-AM has any control over the handling, storage, use or conditions of use of this product, Buyer or user assumes all risks and liability arising from handling, storage or use of this product under abnormal conditions or not in strict compliance with the directions and precautionary statements hereon. All claims related to the purchase, handling, storage or use of this product shall be barred unless written notice is given to NOR-AM within 30 days after the loss is discovered. Liability of the Seller or NOR-AM for any damages arising from a breach of this warranty shall be limited to exclude consequential commercial damages.



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FUNDAL SP ALONE

FOR INSECT CONTROL: Apply on a 3-5 day schedule when moth flights begin and/or when eggs first appear and continue application as long as eggs are present. Apply the lower rate when egg deposition is first starting.

 Bollworm eggs 1/8-1/4 lb./acre
 Tobacco Budworm eggs 1/4 lb./acre

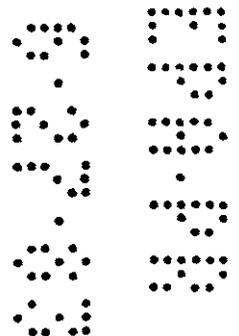
YIELD ENHANCEMENT: For a yield enhancement effect above that expected from insect control, apply FUNDAL SP at 1/8-1/4 lb./acre 4-6 times at 5-7 day intervals beginning at first square formation.

For ground application spray broadcast or apply in a band. Use band application only when cotton is small enough to be fully covered by the band. Do not go below band width shown in the table below.

ROW SPACING BAND WIDTH

40"	20"
38"	19"

MIXING DIRECTIONS; Thoroughly clean spray equipment before using FUNDAL SP. Prepare no more spray mixture than is needed for the immediate operation. Use a closed-system for introduction of FUNDAL SP into the spray tank. Drop the required number of unopened soluble bags into the mix tank 3/4 full of water with the agitator running. Then add the remainder of water.



TANK-MIXES

If egg hatch occurs because of delayed application of FUNDAL SP or other causes, or if it becomes necessary to begin application in a field where bollworm and tobacco budworm larvae or other insect pests have reached economic levels it may be advantageous to apply FUNDAL SP in a tank-mix with other insecticides listed on this label.

Use other insecticides listed on this label at rates recommended on the labels for these products and observe all limitations and precautions which appear on these labels.

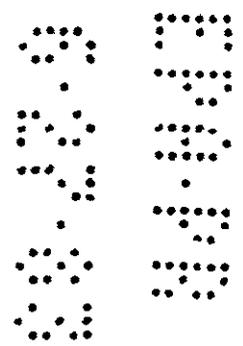
At low to moderate bollworm or tobacco budworm infestation levels and in closely scouted and supervised fields the pyrethroid products may be used in the tank-mix at reduced rates.

FUNDAL TANK-MIX RATES

<u>PEST</u>	<u>TIME OF APPLICATION</u>	<u>RATE FUNDAL SP</u>	<u>OTHER INSECTICIDE</u>
Bollworm and/or tobacco budworm larvae	Apply on a 3-5 day schedule when larvae reach economic levels. Continue applications as long as eggs and larvae are present.	1/8-1/4 lb/acre	Refer to the other insecticide label for recommended rates.

FUNDAL SP has been found to be effective and compatible when tank-mixed with the following products:

- Ambush® Trademark of ICI Americas, Inc.
- Anno® Trademark of FMC Corp.
- Azodrin® Trademark of Shell Chemical Co.
- Bacillus thuringiensis
- Bolstar® Trademark of Mobay Chemical Corp.
- Bidrin® Trademark of Shell Chemical Co.
- Cymbush® Trademark of ICI Americas, Inc.
- Dimethoate
- Dimilin® Trademark of Thompson-Hayward Chemical Co.
- Elcar® Trademark of Sandoz, Inc.



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- EPN + Methyl parathion
- Guthion ® Trademark of Mobay Chemical Corp.
- Imidan ® Trademark of Stauffer Chemical Co.
- Lorsban ® Trademark of Dow Chemical Co.
- Methomyl
- Methyl parathion
- Orthene ® Trademark of Chevron Chemical Co.
- Pay-Off ® Trademark of American Cyanamid Co.
- Pounce ® Trademark of FMC Corp.
- Pydrin ® Trademark of Shell Chemical Co.
- Supracide ® Trademark of Ciba-Geigy Corp.

TANK-MIX DIRECTIONS

Add 3/4 of the required amount of water to the mix tank. Drop the required number of unopened soluble bags into the mix tank 3/4 full of water with the agitator running. With the agitator running, add the desired amount of other insecticide. Then add the remainder of water. By-pass agitation will keep the tank-mix emulsified. Always prepare fresh mixtures just prior to use. Do not allow tank-mixes to stand overnight.

