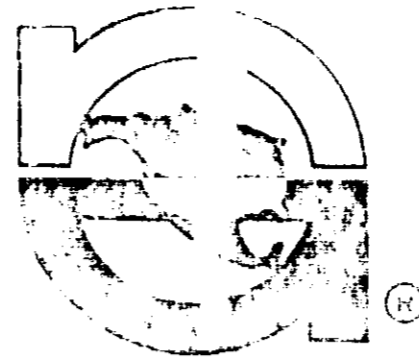


ACCEPTED

NOV 26 1975

EPA Reg. No. 2139-98



FUNDAL SP

WIDE INSECTICIDE/ACARICIDE

EPA REG. NO. 2139-98

ACTIVE INGREDIENT:

Chlordinaform hydrochloride* 97.0%

INERT INGREDIENTS: 3.0%

Total 100.0%

* 1-(4-chloro-o-tolyl)-N,N-dimethylformamidine monohydrochloride

WARNING

KEEP OUT OF REACH OF CHILDREN

May be harmful if swallowed. Avoid contact with the skin. Do not get it in eyes, nose or mouth. Wear long sleeves and pants. Wash with soap and water after handling and before eating, drinking, or smoking. Wash hands and face immediately after use. Avoid contact with the skin, eyes, nose, mouth, and clothing. For eyes, flush immediately with water and seek medical attention.

GENERAL INFORMATION

FUNDAL SP is a contact insecticide/acaricide for the control of ornamental and turf pests.

ENVIRONMENTAL HAZARD

FUNDAL SP is highly toxic to aquatic life. Do not apply to water bodies. Do not apply to areas where it may be carried by wind to water bodies.

DO NOT REUSE THIS BAG. DESTROY WHEN EMPTY

PRECAUTIONS

Do not use FUNDAL SP on lawns, lawns, or other areas where children or pets may be present. Do not use FUNDAL SP on areas where it may be carried by wind to water bodies. Do not use FUNDAL SP on areas where it may be carried by wind to water bodies.

IMPORTANT: READ BEFORE PURCHASE OR USE

Do not use FUNDAL SP on areas where children or pets may be present. Do not use FUNDAL SP on areas where it may be carried by wind to water bodies. Do not use FUNDAL SP on areas where it may be carried by wind to water bodies.

SEE OVER LABEL FOR DIRECTIONS FOR USE AND ADDITIONAL PRECAUTIONS

U.S. Patent Nos. 3,372,838-840, 842, 843

Net Contents: 2 1/2 Pounds

MANUFACTURED FOR

NOR-AM

AGRICULTURAL PRODUCTS, INC.



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DIRECTIONS FOR USE

Dissolve the required amount of FUNDAL SP in the spray tank $\frac{1}{4}$ full of water with the agitator running. Then add the remainder of the water to the spray tank. In tanks without an agitator dissolve FUNDAL SP by stirring with a paddle.

APPLES, PEARS:

RECOMMENDED DOSAGES

FUNDAL SP is recommended for use at the rate of $\frac{1}{2}$ pound per 100 gallons of spray for the control of mites and insects listed in the table below. This rate of FUNDAL SP is based on dilute full coverage sprays from conventional sprayers applying 400 to 800 gallons of spray per acre. When lower spray volumes are applied with a low-entrance sprayer, increase the concentration of FUNDAL SP in the spray mixture in order to apply the amount per acre equivalent to a dilute spray. Apply by ground equipment only. Most orchards of bearing standard size trees will require at least 2 lbs. of FUNDAL SP per acre for satisfactory results.

PEACHES, NECTARINES, PLUMS, PRUNES and WALNUTS:

FUNDAL SP is recommended to be used at the rate of $\frac{1}{2}$ pound per 100 gallons for the control of mites and insects listed in the table below. This rate is based on a dilute full cover spray from conventional sprayers using 400-500 gallons per acre. Apply by ground equipment only.

CABBAGE, BROCCOLI, CAULIFLOWER and BRUSSELS SPROUTS:

FUNDAL SP is recommended for use at the rate of $\frac{1}{2}$ pound per acre for the control of the insects in the table below. Use sufficient water for thorough coverage of the crop (at least 20 gallons per acre for ground application on cabbage; at least 50 gallons per acre for ground application on broccoli, cauliflower and brussels sprouts. For aerial application on cabbage, use a minimum of 3 gallons per acre). May cause temporary bleaching of the leaf margin on cabbage.

COTTON:

FUNDAL SP is suitable for use in all types of ground sprayers and for application by aircraft, using not less than one gallon of spray per acre. FUNDAL SP is recommended for use at the following rates: COTTON LEAF PERFORATOR — $\frac{1}{2}$ - $\frac{1}{4}$ lbs. per acre in not less than two gallons of water; BOLLWORM and TOBACCO BUDWORM (California and Arizona) — $\frac{1}{2}$ -1 lb. per acre; BOLLWORM EGGS (all cotton growing areas except California and Arizona) — $\frac{1}{4}$ - $\frac{1}{2}$ lb. per acre; TOBACCO BUDWORM EGGS (all cotton growing areas except California and Arizona) — $\frac{1}{4}$ - $\frac{1}{2}$ lb. per acre.

TANK MIX FOR BOLLWORM AND OR TOBACCO BUDWORM CONTROL

(For all cotton growing areas except California and Arizona)

If egg hatch occurs because of delayed application of FUNDAL or other causes, tank mix $\frac{1}{4}$ to $\frac{1}{2}$ lb. FUNDAL SP per acre with methyl parathion or toxaphene or methyl parathion at rates recommended on the labels for these products for bollworm and tobacco budworm control. Apply on a 3-5 day schedule.

TANK MIX FOR BOLL WEEVIL CONTROL

(For all cotton growing areas except California and Arizona)

If boll weevil becomes a problem in fields being treated for control of bollworm, and for tobacco budworm, mix $\frac{1}{4}$ to $\frac{1}{2}$ lb. FUNDAL SP per acre with methyl parathion, toxaphene, methyl parathion or Guthion[®] at the recommended rates for these products for boll weevil control.

MIXING INSTRUCTIONS FOR TANK MIXES:

Add first the required amount of water to the spray tank. With the agitator running add the desired amount of methyl parathion, toxaphene, methyl parathion or Guthion[®]. Continue agitation while adding the remainder of the water followed by the desired amount of FUNDAL. By-pass agitation will keep the tank mix in suspension. Always prepare fresh mixtures just prior to use. Tank mixes must be used within 24 hours of mixing.

CROP	PEST	TIME OF APPLICATION
Apples pears	Pear-splined mite	Pre-Bloom. For control of eggs and early hatching nymphs apply at any time up to bloom according to local recommendations.
	Apple rust mite	Pre-Bloom. Apply when mites appear. Repeat when necessary.
	Pear yellow mite	Pre-Bloom. Apply when mites appear. Repeat when necessary.
	Pear rust mite (Pacific Coast only)	Pre-Bloom. Apply when mites appear. Repeat when necessary.
	Two-spotted mite	Pre-Bloom. Apply when mites appear. Repeat when necessary.
	Apple mite	Apply at any time up to bloom according to local recommendations.
Apples pears nectarines	Leaf miner	Apply in cover sprays according to local recommendations.
	Pear psyllid	Pre-Bloom. Apply for adult control and repeat when nymphs appear. Post-Bloom. Apply at petal fall (calyx). Repeat when psyllid reappear.

	Pear yellow mite Pear rust mite (Pacific Coast only)	Post-Bloom: Apply when mites appear. Repeat applications when necessary.
	Two-spotted mite McDaniel mite Pacific mite Coding moth	Post-Bloom: Apply when mites appear. Repeat application when necessary. Apply in cover sprays according to local tree recommendations.
Apples Pears US only		Apply in cover sprays according to local tree recommendations.
Pears	Pear psylla	Pre-Bloom: Apply for adult control and repeat when nymphs appear. Post-Bloom: Apply at petal fall (calyx). Repeat when psylla reappear.
Peaches Nectarines	European red mite Two-spotted mite Pacific mite	Non-Bearing and nursery trees: * Apply when mites appear. Repeat as necessary.
Peaches Nectarines (West Coast only)	Two-spotted mite European red mite M. Daniel mite Peach Silver mite	Pre-Bloom: For control of eggs and early hatching nymphs apply at any time up to bloom according to local recommendations. Post-Bloom: Apply when mites appear. Repeat applications when necessary.
	Peach twig borer Oriental fruit moth	Apply when moth flights begin in the Spring.
Plums Prunes	Two-spotted mite European red mite Pacific mite McDaniel mite Brown almond mite (clover mite)	Pre-Bloom: For control of eggs and early hatching nymphs apply at any time up to bloom according to local recommendations. Post-Bloom: Apply when mites appear. Repeat applications when necessary.
	Peach twig borer	Apply when moth flights begin in the Spring.
Walnuts	Coding moth Two-spotted mite European red mite Walnut aphid (suppression)	Apply in the Spring when first brood coding moth flights begin. Repeat when second brood coding moth flights begin. These sprays will control European red mites and Two-spotted mites and will aid in the suppression of walnut aphids.
Cabbage Broccoli Cauliflower Brussels Sprouts	Cabbage looper Imported cabbage worm Diamond back moth	Apply when eggs or small worms first appear. Repeat at 7 to 10 day intervals for continued control.
Cotton	Cotton leaf perforator Bollworm Tobacco budworm	Apply when eggs or small larvae appear. Repeat at 7 days. A third application may be necessary in late cotton in California and Arizona. Apply on a 5 to 7 day schedule when eggs appear and worms appear. In all cotton growing areas except California and Arizona, apply on a 5-5 day schedule starting when eggs first appear, continue application as long as eggs are present. If egg hatch occurs use a tank mix as described in tank mix instructions.
	Bollworm eggs Tobacco budworm eggs	

*State Agricultural Experiment Station or State Extension Service Specialists. **Non-bearing trees are those that will not bear fruit within one year after treatment.

NOTE: To avoid excessive residues observe the following spray and timing restrictions:

Apple Post-Bloom: Do not apply more than 12 lbs. FUNDAL SP per acre while fruit is on the tree or less than 14 days before harvest.

Pear Post-Bloom: Do not apply more than 12 lbs. FUNDAL SP per acre while fruit is on the tree. Fruit may be picked on last day of application.

Peaches, Nectarines, Plums, Prunes and Walnuts Post-Bloom: Do not make more than two applications. Do not apply less than 21 days before harvest.

Cabbage, Broccoli, Cauliflower, Brussels Sprouts: Do not make more than 9 applications. Do not apply less than 14 days before harvest.

Cotton: Do not apply less than 21 days before harvest. Do not feed tobacco from treated cotton plants or gin trash to livestock.

NOTE: When using FUNDAL in tank mixes with methyl parathion, toxaphene, methyl parathion or cyfluthrin, observe all limitations, precautions and rate recommendations which appear on the labels for these products.



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