



DICOFOL 4 EC

ACCEPTED

FEB 24 1999

34704-513

ACTIVE INGREDIENT:	BY WT.
Dicofol: 1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol	41.1%
INERT INGREDIENTS:	58.9%
	TOTAL 100.0%

Contains 4 lbs. Dicofol per gallon.

meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Human flaggers **MUST** be in enclosed cabs. The enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)]. The handler PPE must be modified in the WPS.

KEEP OUT OF REACH OF CHILDREN CAUTION

See side panels for additional Precautionary Statements and Directions for Use.

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EPA EST. NO. 34704-MS-2

NET CONTENTS 2½ GALS. (9.46L)

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, adsorbed through the skin or inhaled. Causes moderate eye, skin, nose and throat irritation. Avoid contact with skin, eyes, and clothing. Skin contact with this pesticide may be hazardous. This product is a skin sensitizer. Repeated exposure may cause allergic reaction in some individuals. If allergic reaction should occur, discontinue use and see a physician. Avoid breathing vapors or mist.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, such as laminates, Nitrile rubber, Neoprene rubber or Viton, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing or loading. For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approved number prefix 14G). For exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH approved number prefix TC-21C).

Discard clothing or 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.

Engineering controls statements:

Applicators **MUST** be in enclosed cabs or cockpits. Mixers/Loaders (for applications to Dry Bean crops only) must use closed systems. When handlers use closed systems, enclosed cabs, or aircraft in a manner that

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.
Remove PPE immediately after handling this product. Wash the out side of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger; or, call a physician and have the stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious person. **NOTE TO PHYSICIAN:** Because this product contains a chlorinated hydrocarbon insecticide, vomiting or careful gastric lavage is recommended. Epinephrine or other adrenergic amines can cause myocardial irritability.

IF INHALED: Remove victim to fresh air. Treat the victim symptomatically.

IF ON SKIN: Wash exposed areas with plenty of soap and water. If irritation persists, call a physician.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-951-8180, EXT. 136.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the high water mark. 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 disposing of equipment washwaters. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

NOTE—This product must be stored at temperatures above 40°F. Storage below may affect the quality of the product. Do not use, pour, spill or store near heat or open flame.

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 responsible for pesticide regulation.

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DIRECTIONS FOR DILUTION

DILUTE APPLICATION: *Ground Application:* Apply specified rate in 20 to 60 gallons of water per acre. *Orchard Application:* Apply specified rate in 100 to 800 gallons of water per acre.

CONCENTRATE APPLICATION: *Ground Application:* Apply specified rate in not less than 5 gallons of water per acre. *Orchard Application:* Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

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, chemical-resistant gloves, such as laminate, Nitrile rubber, Neoprene rubber, or Viton, and shoes plus socks.

STORAGE AND 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.

STORAGE: Store at temperatures above 40°F. Storage below may affect the quality of the product.

CONTAINER DISPOSAL: **Metal:** 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. **Plastic:** 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.

Do not apply this product through any type of irrigation system.

APPLICATION INFORMATION

Compatibility - DICOLFOL 4EC is compatible with most other commonly used insecticides and fungicides. However, compatibility with all products, formulations and additives available cannot be guaranteed. Test mix small proportionate quantities of all spray tank ingredients in a small jar to ensure compatibility. A Compatibility agent may improve compatibility with some nutritional, fertilizers, etc. Maintain agitation in the spray tank during mixing (loading) and application. Consult State Agricultural Experiment Station spray schedules or State Extension Service Specialists for additional information.

Water pH - Do not put DICOLFOL 4EC in alkaline solutions or mix with lime or lime-containing products. Adjust the pH of the diluent (spray) water to the slightly acidic range (pH 5 to 7) with a pH modifier before adding the DICOLFOL 4EC to the tank.

Adjuvants - DICOLFOL 4EC may be used either with or without any additional adjuvants. It is many times beneficial to improve the spray coverage on difficult to wet foliage and to smooth out spray deposits on maturing fruit by the addition of a spray adjuvant. Any suitable pesticide spreader-sticker may be used except where a specific one is recommended on the label.

Mite Resistance Management - Resistance to miticides is common and has been confirmed for virtually all commercial miticides. While resistance to DICOLFOL 4EC has been confirmed in some mite species, it has also been conclusively demonstrated that resistance of to DICOLFOL 4EC is unstable. That is, susceptibility to DICOLFOL 4EC returns if its use is discontinued for a short time, usually 1 to 2 years. As a general rule, the utility of DICOLFOL 4EC can be maintained indefinitely by rotating use of DICOLFOL 4EC with miticides with different modes of action and by limiting the number of applications of the product to an average of one per season. If two applications are made in a single growing season, no applications should be made the following year. Resistance management strategies vary from crop to crop and state to state. For additional information contact your State Extension Service Specialists or State Agricultural Experiment Station.

Mites Controlled:

- | | |
|----------------------|-------------------------|
| Atlantic spider mite | McDaniel spider mite |
| Banks grass mite | Pacific spider mite |
| Bermuda grass mite | pecan leaf scorch mite |
| brued mite | privet mite |
| brown mite | purple mite |
| citrus bud mite | six-spotted mite |
| citrus flat mite | spruce spider mite |
| citrus red mite | strawberry spider mite |
| citrus rust mite | Texas citrus mite |
| clove mite | tomato russet mite |
| conifer spider mite | tropical mite |
| cyclamen mite | two-spotted spider mite |
| desert spider mite | Willamette mite |
| European red mite | yellow spider mite |
| false spider mite | Yuma spider mite |

FRUITS AND NUTS

CROP	APPLICATION RATE OF DICOLFOL 4EC (Per Acre)	COMMENTS	RESTRICTIONS	DAYS FROM LAST APPLICATION TO HARVEST
POME FRUITS: (Apples, Crabapples, Pears, Quince)	Trained trees or trees 10 ft. tall or less: 3 to 4 pints; Trees greater than 10 ft. tall: 4 to 6 pints.	Use the higher rate in each range for high mite infestation levels, larger trees or more dense foliage. Make applications when mite populations reach threshold levels as specified by Agricultural Experiment Station or Extension Service Specialists.	Do not make more than 1 application per season.	7 days
STONE FRUITS: (Apricots, Cherries-Sweet and Sour, Nectarines, Peaches, Plums, Prunes)	2 to 3 pints	Use the higher rate for high mite infestation levels, larger trees or more dense foliage. Make application when mite populations reach threshold levels as specified by Agricultural Experiment Station or State Extension Service Specialists.	Do not make more than 1 application per season.	7 days
CITRUS: (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines)	Trees less than 10 feet tall: 4 to 6 pints, (FL, TX); 6 pints, (CA, AZ); Trees 10 feet and taller: 6 pints	Make applications at low mite infestations before populations begin to increase rapidly. Apply in water volumes sufficient to assure uniform and complete coverage.	Do not make more than 1 application per year.	7 days
NUTS: (Filberts, Walnuts, Hickory Nuts, Pecans, Chestnuts)	4 pints	Apply in water volumes sufficient to assure uniform and thorough coverage of all foliage and fruit surfaces. Apply just after bloom or whenever mites appear and repeat if necessary.	Do not make more than 1 application per year.	7 days
GRAPES	2½ pints	Apply just after bloom or whenever mites appear.	Do not make more than 1 application per season.	7 days

VEGETABLES AND FIELD CROPS

CROP	APPLICATION RATE OF DICOLFOL 4EC (Per Acre)	COMMENTS	RESTRICTIONS	DAYS FROM LAST APPLICATION TO HARVEST
BEANS: (Dry, Green, Lima)	1 to 3 pints	Apply at first sign of mite buildup.	Do not make more than 1 application per season. Mixers/Loaders must use closed mixing systems.	21 days
COTTON	1½ to 3 pints	Adjust use rate depending on infestation level, size of plant and density of the foliage. Apply in sufficient water to provide thorough coverage and use a suitable spreader-sticker. Apply at first signs of mite infestation.	Do not make more than 1 application per season.	30 days
CUCURBITS: (Cantaloupe, Cucumbers, Melons, Pumpkin, Watermelon, Winter and Summer Squash)	1¼ pints	Apply at the first signs of mite buildup. Because foliage of cucurbit crops is hard to wet, use sufficient carrier (water) volume to provide thorough coverage and use a suitable spreader-sticker.	Do not make more than 1 application per season.	2 days
HOPS	1 to 2½ pints	Apply at first signs of mite infestation.	Do not make more than 1 application per season.	7 days
PEPPERS, TOMATOES	½ to 1½ pints	Apply at first signs of mite buildup.	Do not apply more than 1 application per season.	2 days
MINT: (Peppermint and Spearmint)	1¼ to 2½ pints	Make applications when mites become active. Use sufficient water to provide thorough coverage.	Do not make more than 1 application per crop season.	30 days

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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. Keep children and pets out of the treated area until sprays have dried.

ORNAMENTALS

CROP	APPLICATION RATE OF DICOLFOL 4EC (Per Acre)	COMMENTS	RESTRICTIONS
Bermuda grass Grown for Seed	Apply $\frac{1}{2}$ to 1 pint per acre.	For ground applications apply in a full coverage spray of 40 to 100 gallons of water per acre depending on the level of infestation and density and height of the grass stand. Applications should be made soon as mites appear.	
Clover Mites on Buildings	Apply $\frac{1}{2}$ fl. oz. or 2 tsp. per 1000 sq. ft; 1 tsp. per gallon; $\frac{1}{2}$ pint per 50 gallons.*	Thoroughly spray outside walls, foundations, windowsills, plants and lawns at base of infested buildings.	
Non-Residential Lawn and Turf Grasses	Apply $\frac{1}{2}$ to 1 pint per acre; $\frac{1}{2}$ fl. oz. or 2 tsp. per 1000 sq. ft; 1 tsp. per gallon; $\frac{1}{2}$ pint per 50 gallons.*	Make applications when mites appear.	Do not use on residential home lawns.

* Based on 100 gallons per acre application volume.

NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE, THE MANUFACTURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

NOTE

THIS PRODUCT MUST BE STORED AT TEMPERATURES ABOVE 40°F. STORAGE BELOW MAY AFFECT THE QUALITY OF THE PRODUCT.

FORMULATED FOR
PLATTE CHEMICAL CO.