

Specimen Label



*Trademark of Dow AgroSciences LLC

For use on beans (dry, green and lima), cotton, hops, mint, peppers, tomatoes, citrus, pecans and walnuts

Active Ingredient	
dicofol: 1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol.....	42.0%
Inert Ingredients	58.0%
Total.....	100.0%

Contains 4 lb active ingredient per gallon.

EPA Reg. No. 62719-405

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful If Swallowed, Absorbed 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 spray mist.

Personal Protective Equipment (PPE)

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 laminate or Nitrile rubber or 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 exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or canister approved for pesticides (MSHA/NIOSH approved number prefix 14G).
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and 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 Control Systems

Applicators **MUST** be in enclosed cabs or cockpits.

Mixer/Loaders (**for applications to Dry Bean crops only**) must use closed mixing systems.

When handlers use closed systems, enclosed cabs, or aircraft 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 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 requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE immediately if pesticide gets inside. Wash thoroughly and change into clean clothing.

First Aid

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. Epinephrin or other adrenergic amines can cause myocardial irritability.

If inhaled: Remove victim to fresh air. Treat the victim symptomatically. Call a physician if problem continues.

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.

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 mean 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

Do not use, pour, spill or store near heat or open flame.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on this label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Directions for use

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

Read all Directions for Use carefully before applying.

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.

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 or Nitrile rubber or Neoprene rubber or Viton
- Shoes plus socks

Storage and Disposal

Storage: Keep from freezing. Store at 32°F-110°F.

Pesticide Disposal: Do not contaminate water, food, or feed by storage or disposal. **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.**

Container Disposal

Plastic Containers: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Bulk Containers: Drain thoroughly and return to specified destination for cleaning and reuse.

Steps to be Taken in Case Material is Released or Spilled: Eliminate ignition sources. Ventilate area. Avoid breathing vapors. Wear respirator suitable for vapor concentration encountered (MSHA/NIOSH) approved or equivalent. Dike the spill with inert material and transfer the liquid or solid diking materials to separate containers. Wash clothing before reuse. Refer to Precautionary Statements.

General Use Information

Kelthane* MF miticide is an emulsifiable liquid formulation that gives high initial kill against most species of agricultural mites and provides residual mite control. Kelthane MF is recommended for use on beans (dry, green and lima), cotton, hops, mint, peppers, tomatoes, citrus, pecans and walnuts. Kelthane MF is a specific miticide and will not kill bees and beneficial insect predators when used as recommended.

Kelthane MF may be applied in dilute or concentrate ground sprays. The use rates specified below are for either type of application regardless of spray volume. Kelthane MF is a contact miticide, not a systemic pesticide. Mites must come in contact with Kelthane MF as it is sprayed or be exposed to Kelthane residues on the leaf and/or fruit surface. Since mites often infest the undersurfaces of leaves and fruits, effective control requires an application that thoroughly and uniformly coats all aerial plant surfaces. For maximum effectiveness, Kelthane MF should be applied to low populations of mites.

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

Application Information

Compatibility: Kelthane MF 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 such as Latron AG-44M* spray adjuvant may improve compatibility with some nutritionals, 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 Kelthane MF 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 such as Latron AG-44M before adding Kelthane MF to the tank.

Adjuvants: Kelthane MF 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. The following spray adjuvants have been especially formulated to optimize the performance of foliar-applied agricultural chemicals:

- Latron B-1956*: A water-dispersible, resin-based nonionic surfactant that resists rewetting and removal by rain. Effective with dilute sprays applied by ground equipment.
- Latron CS-7*: A spreader-binder designed specifically for use in concentrate and low volume sprays applied in concentrate and low volume sprays applied by aircraft or ground equipment.

Other suitable pesticide spreader-stickers may also be used except in situations where Latron B-1956 is recommended as the only acceptable spreader-sticker.

Ground Application: Apply Kelthane MF as a dilute or concentrate spray with a properly calibrated and maintained sprayer in sufficient water to assure thorough and uniform coverage of foliage and fruit surfaces. All use rates specified by this label are based on broadcast acre. If applications are banded, the application rates should be adjusted accordingly.

Aerial Application: Kelthane MF may be applied by air in properly calibrated and maintained equipment. For row crops, use a minimum of 5 gallons per acre. For applications in perennial tree crops and vines, use a minimum of 10 gallons per acre. Include a suitable spreader-sticker such as Latron B-1956 or Latron CS-7

Mite-Resistance Management: Resistance to miticides is common and has been confirmed for virtually all commercial miticides. While resistance to Kelthane MF has been confirmed in some mite species it has also been conclusively demonstrated that resistance of mites to Kelthane MF is unstable. That is, susceptibility to Kelthane MF returns if Kelthane MF use is discontinued for a short time, usually 1 to 2 years. As a general rule, the utility of Kelthane MF can be maintained indefinitely by rotating use of Kelthane MF with miticides with different modes of action and by limiting the number of applications of Kelthane MF 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 your local field representative.

Mites Controlled

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

Vegetables and Field Crops

Application Rate of Kelthane MF (pt/acre)	Comments	Restrictions	Days From Last Application to Harvest
Beans (dry, green, lima)			
1 to 3 pt/acre	Apply at first sign of mite buildup.	Do not make more than 2 applications per season. Mixer/Loaders must use closed mixing systems.	21 days
Cotton			
1 1/2 to 3 pt/acre	Adjust use rate depending on infestation level, size of the plant and density of the foliage. Apply in sufficient water to provide thorough coverage and use a suitable spreader-sticker such as Latron B-1956. Apply at first signs of mite infestation.	Do not make more than 2 applications per season. Do not feed cotton stalks or trash to meat or dairy animals.	30 days
Hops			
2 to 2 1/3 pt/acre	Apply at first signs of mite infestation.	Do not make more than 2 applications per season.	7 days
Mint			
1 3/4 to 2 1/2 pt/acre	Make applications when mites become active. Use sufficient water to provide thorough coverage.	Do not make more than one application per crop per season.	30 days
Peppers and Tomatoes			
3/4 to 1 1/2 pt/acre	Apply at first signs of mite buildup.	Do not apply more than 2 application per year. Do not exceed 1.6 pt per acre per year.	2 days

Fruits and Nuts

Application Rate of Kelthane MF (pt/acre)	Comments	Restrictions	Days From Last Application to Harvest
Citrus (Grapefruit, Kumquat, Lemon, Lime, Orange, Tangelo, Tangerine)			
Trees less than 10 ft tall (FL, TX): 4 to 6 pt/acre (CA, AZ): 6 pt/acre Trees greater than 10 Ft. tall: 6 pt/acre	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 2 applications per year.	7 days
Pecans, Walnuts			
4 pt/acre	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 2 applications per year. Do not apply more than 8 pints per acre, per year.	7 days

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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