

**DIRECTIONS FOR USE ON FRUITS AND NUTS**

APPLES, PEARS, CRABAPPLES, QUINCES —To control two-spotted, Schoene, McDaniel, yellow (carpini), Willamette, Pacific and apple rust mite and to clean up late spring European red mite and clover mite apply at petal fall to second cover or whenever mite population appears. Make thorough full-coverage applications. Repeat as necessary during the season for adequate control.

To avoid possible injury do not use glyodin fungicide with Kelthane in late cover sprays.

PEACHES, APRICOTS, NECTARINES, CHERRIES, PLUMS, PRUNES, FIGS—For European red, clover (brown almond), two-spotted, Schoene, McDaniel, Pacific, Willamette, peach silver, plum nursery and yellow mites apply at petal fall to first cover or whenever mite population appears. If needed, a repeat application can be made after 30 days.

GRAPES, ALMONDS, WALNUTS, FILBERTS, PECANS, CHESTNUTS, HICKORY NUTS—For brown almond (clover), two-spotted, European red, Pacific, McDaniel, Willamette and yellow mites, apply just after bloom or whenever mites appear and repeat if necessary, except on almonds when hulls are to be fed to livestock, apply only before nut formation.

STRAWBERRIES—For two-spotted, strawberry (Atlantic) and six-spotted mite apply when mites appear and repeat as necessary.

For cyclamen mite apply 2 or 3 thorough, high-pressure, drenching sprays (400 gallons per acre) at 10 to 20-day intervals when new growth starts in spring, or use as a spot treatment in infested areas during production season.

RASPBERRIES, DEWBERRIES, LOGANBERRIES, BOYSENBERRIES, BLACKBERRIES, OLALLIE BERRIES—For brown almond (clover), Two-spotted, European red, Pacific, McDaniel, Willamette and yellow mites, apply when mites appear and repeat as necessary.

**NOTICE:** The suggestions for this product are based on presently available information and are believed to be reliable. SELLER makes no warranty of any kind, express or implied, concerning the use of this product. BUYER assumes all risk of use, storage, or handling whether in accordance with directions or not. These risks include, but are not limited to, damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

# KELTHANE AP

**INERT—Peppermint and Spearmint for commercial oil production. For control of two spotted mites use KELTHANE AP at 4 1/2 to 6 1/2 pounds per acre in sufficient water for thorough coverage. Make application when mites become active and repeat if necessary. Do not apply within 30 days of harvest and do not make more than two applications per crop per season. Do not feed treated fresh hay or spent hay to livestock.**

## AGRICULTURAL MITICIDE WETTABLE POWDER

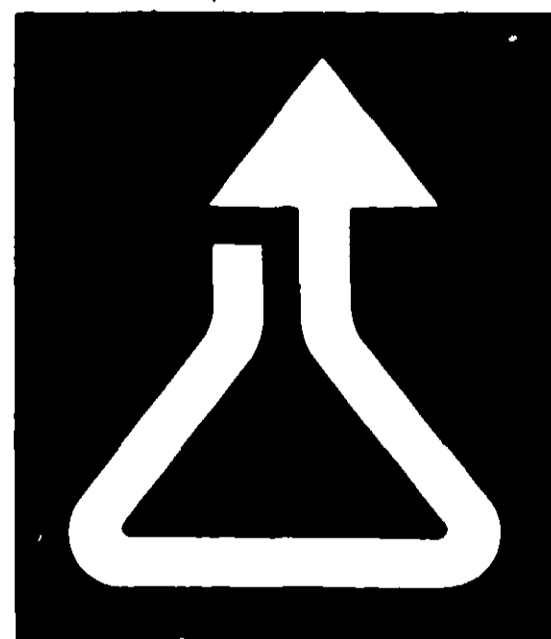
<b>ACTIVE INGREDIENTS</b>	
1,1-bis (chlorophenyl)-2,2,2-trichloroethanol	18.5%
<b>INERT INGREDIENTS</b>	81.5%
<b>Total</b>	<b>100.0%</b>

USDA Registration No. 707-76  
U.S. Patents 2,812,362 and 2,812,280

### CAUTION KEEP OUT OF REACH OF CHILDREN

Avoid skin contact. Avoid inhalation of mist or dust. Do not take internally. Avoid contamination of feed or foodstuffs. Wash thoroughly after handling. Rinse spray equipment and containers and dispose of liquid wastes in a pit in non-crop lands located away from water supplies. This product is toxic to fish. Keep out of any body of water.

Net Contents 4 lbs.



**ROHM AND HAAS**  
PHILADELPHIA, PA. 19105

**DIRECTIONS FOR USE ON FIELD CROPS**

BEANS, HOPS, CUCUMBERS, CANTALOUPE, MELONS, WATERMELONS, PUMPKINS, WINTER AND SUMMER SQUASH, TOMATOES, PEPPERS — For two-spotted, Pacific, tropical and tomato russet mite, apply at first signs of mite buildup and repeat as necessary for adequate control. Do not feed crop residues to meat or dairy animals.

ALFALFA, CLOVER AND OTHER LEGUMES FOR SEED ONLY—For two spotted, straw berry (Atlantic), carmine and Pacific mites use 3 to 6 pounds KELTHANE AP per acre in sufficient water for thorough coverage. Apply when mites become active and repeat if necessary. Do not feed straw or threshings to meat or dairy animals. Do not use on crops to be grazed or harvested for forage.

CORN (Field) — For two-spotted, Pacific and grass mites — **EARLY SEASON USE ONLY.** Use 4 to 8 pounds KELTHANE AP per acre in sufficient water to provide thorough coverage. Apply when mites are present and repeat if necessary but do not apply after ears begin to form. Do not use treated corn plants for ensilage or as forage for livestock.

FOR USE ON: ORNAMENTALS, FLOWERS, NURSERY STOCK AND SHADE TREES — For control of mites on greenhouse or outdoor plants use 1 1/2 to 2 pounds KELTHANE AP per 100 gallons (2 tablespoons per gallon of water). Apply when mites are present and repeat as necessary.

LAWN and ORNAMENTALS TURF GRASSES — Clover mite, brown mite and Bermuda grass mite. Use 1 1/2 to 2 lbs. Kelthane AP per 100 gallons (2 level tablespoons per gallon). Apply 2 1/2 gallons per 1000 sq. ft. Make application when mites appear, covering the entire lawn area with a thorough spray and repeat in 10 to 14 days if necessary.

CLOVER MITES IN BUILDINGS—Use 1 1/2 to 2 pounds KELTHANE AP per 100 gallons of water. Thoroughly spray outside walls, foundations, windowsills and plants and lawn at base of infested buildings.

To improve the spray coverage on difficult to wet crops such as peaches and apricots and to smooth out spray deposits on maturing apples and other fruits add 4 to 8 ounces of TRITON B-1956 per acre in dilute sprays. Increase proportion to 1 to 2 pints per acre in highly concentrated sprays.

**NOTE:** TRITON B-1956 is suggested as the best choice where spreaders are recommended or desired for use with KELTHANE AP. Other types or brands of pesticide spreaders may also be used. KELTHANE AP can also be used in the above application without any spreader but this may result in poor coverage of the foliage.

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...ATTACHED COMMENTS

## DIRECTIONS FOR USE ON FIELD CROPS

**BEANS, HOPS, CUCUMBERS, CANTALOUPE, MELONS, WATERMELONS, PUMPKINS, WINTER AND SUMMER SQUASH, TOMATOES, PEPPERS** — For two-spotted, Pacific, tropical and tomato russet mite, apply at first signs of mite buildup and repeat as necessary for adequate control. Do not feed crop residues to meat or dairy animals.

**ALFALFA, CLOVER AND OTHER LEGUMES FOR SEED ONLY**—For two-spotted, strawberry (Atlantic), carmine and Pacific mites, use 3 to 6 pounds KELTHANE AP per acre in sufficient water for thorough coverage. Apply when mites become active and repeat if necessary. Do not feed straw or threshings to meat or dairy animals. Do not use on crops to be grazed or harvested for forage.

**CORN (Field)** — For two-spotted, Pacific and grass mites — **EARLY SEASON USE ONLY.** Use 4 to 8 pounds KELTHANE AP per acre in sufficient water to provide thorough coverage. Apply when mites are present and repeat if necessary but do not apply after ears begin to form. Do not use treated corn plants for ensilage or as forage for livestock.

### FOR USE ON:

**ORNAMENTALS, FLOWERS, NURSERY STOCK AND SHADE TREES** — For control of mites on greenhouse or outdoor plants use 1½ to 2 pounds KELTHANE AP per 100 gallons (2 tablespoons per gallon of water). Apply when mites are present and repeat as necessary.

**LAWN and ORNAMENTALS TURF GRASSES** — Clover mite, brown mite and Bermuda grass mite. Use 1½ to 2 lbs. Kelthane AP per 100 gallons (2 level tablespoons per gallon). Apply 2½ gallons per 1000 sq. ft. Make application when mites appear, covering the entire lawn area with a thorough spray and repeat in 10 to 14 days if necessary.

**CLOVER MITES IN BUILDINGS**—Use 1½ to 2 pounds KELTHANE AP per 100 gallons of water. Thoroughly spray outside walls, foundations, windowsills and plants and lawn at base of infested buildings.

To improve the spray coverage on difficult to wet crops such as peaches and apricots and to smooth out spray deposits on maturing apples and other fruits add 4 to 8 ounces of TRITON® B-1956 per acre in dilute sprays. Increase proportion to 1 to 2 pints per acre in highly concentrated sprays.

**NOTE:** TRITON B-1956 is suggested as the best choice where spreaders are recommended or desired for use with KELTHANE AP. Other types or brands of pesticide spreaders may also be used. KELTHANE AP can also be used in the above application without any spreader but this may result in poor coverage of the foliage.

## DIRECTIONS FOR USE

KELTHANE AP miticide is an improved formulation of Kelthane Wettable Powder designed to provide more uniform distribution on foliage and fruit and more effective control of mites. Kelthane gives high initial kill and long residual activity against most species of agricultural mites including European red two spotted (red spider), six spotted, Pacific, privet, Schoene, yellow (carpini) McDaniel, Willamette spruce, desert and tropical mites. Kelthane is a specific miticide. It will not kill bees or beneficial insect predators.

KELTHANE AP miticide can be applied alone or it can be applied with various other pesticides in recommended spray schedules. For further details, see recommendations below and consult current State Agricultural Experiment Station spray schedules. KELTHANE AP is believed to be compatible with other insecticides and fungicides in common use.

For proper application, mix KELTHANE AP with water and apply as a wet spray with suitable spray equipment. The following chart is offered as a guide in preparing dilute, high gallonage sprays. For concentrate ground or aerial sprays the amount of water used should be reduced in accordance with instructions from the sprayer manufacturer but the amount of KELTHANE AP applied per acre should be the same whether dilute or concentrate sprays are used.

To avoid excessive residues at harvest follow the use recommendations. Do not exceed the maximum dosage permitted per acre per application, or the time restrictions between last application and harvest, for each crop listed in the table below.

### Summary of KELTHANE AP Dosage Rates per Acre and Limitations Between Last Application & Harvest

Crop	KELTHANE AP/Acre Each Application		Mixing Rate per 100 gal. Dilute Spray	Days Before Harvest
	Small	Large		
Apples, Pears, Crabapples, Quince	8 lbs.	16-20 lbs	2 lbs.	7
Cherries	8 lbs.	12 lbs.	2 lbs.	7
Plums, Prunes, Figs	8 lbs.	10 lbs	2 lbs.	7
Peaches, Apricots, Nectarines	8 lbs.	12 lbs.	2 lbs.	14
Walnuts, Filberts, Pecans, Chestnuts, Hickory Nuts and Almonds, if hulls not fed to livestock	8 lbs.	20 lbs	2 lbs	14
Almonds, if hulls fed to livestock	8 lbs.	14 lbs.	2 lbs	Before nut formation
Grapes, Hops	3 lbs.	6 lbs.	2 lbs.	7
Strawberries	2 lbs.	4 lbs	1½-2 lbs.	2
Strawberries (cyclamen mites)	8 lbs.	12 lbs.	2 lbs.	2
Raspberries and other cane berries	3 lbs.	6 lbs	1½-2 lbs.	2
Beans (dry)	3 lbs.	4 lbs	2 lbs	45 days
Beans (dry, green, lima)	2 lbs.	3 lbs	2 lbs	7
Beans (dry, green, lima) (California only)	4 lbs.	5 lbs.	2 lbs	45 days
Cantaloupe, Cucumbers, Pumpkins, Squash, Melons, Watermelons	2 lbs.	3 lbs	2 lbs	2
Tomatoes, Peppers	2 lbs.	4 lbs	2 lbs.	2
Alfalfa, Clover, Other Legum. for seed only	3 lbs.	6 lbs.	2 lbs	—
Corn (Field)	4 lbs.	8 lbs	2 lbs	Before ears form
Ornamentals	—	—	1½-2 lbs.	—
Clover mites in houses	—	—	1½-2 lbs	—

Adjust water gallonage if concentrate sprays are used. Amount of spray applied per acre must be adjusted to the size and number of trees or plants per acre and the foliage density.

Do Not Apply Kelthane in any formulation on eggplant or avocados. These crops may be injured. Do not apply Kelthane AP on citrus as it may be phytotoxic to tender foliage of some varieties. Use Kelthane MF or Kelthane EC on citrus.