



DIRECTIONS FOR USE

GENERAL

KELTHANE EC gives high initial kill against most species of agricultural mites including the following.

apple rust	dryberry	strawberry
Bermuda	European red	(Atlantic)
Carmine	McDaniel	Texas citrus
citrus flat	Pacific	tomato russet
citrus red (purple)	peach silver	tropical
citrus rust	plum nursery	two spotted
clover	pricket	(red spider)
(brown almond)	Schöene	A. Hamette
cyclamen	six-spotted	yellow (carpet)
desert	spruce	Yuma

KELTHANE is a specific miticide and will not kill bees and beneficial insect predators when used as directed.

KELTHANE EC can be applied alone or with other pesticides on recommended spray schedules. It should not be used in combination with materials not compatible with solvent based pesticide formulations. For further details see specific recommendations on this label; then consult current State Agricultural Experiment Station spray schedules or State Extension Service Specialists for additional details on compatibility, dosage, timing and use.

KELTHANE EC is mixed with water and may be applied with conventional dilute or concentrate ground sprayers or with air-lift. Follow the dosage rates per acre listed below regardless of the volume of the spray applied. The higher dosages suggested are for larger trees or plants or heavier mite populations. Uniform coverage is necessary but the optimum spray gallonage varies with the type of equipment, size and density of the crop plants. Use 5 to 10 gallons of spray per acre with air-lift.

To avoid excessive residue at harvest do not exceed the maximum dosage per acre or the time restriction between last application and harvest for each crop group listed in the table below.

SUMMARY OF DOSAGE RATES AND LIMITATIONS

CROP	Dosage Qts. Per Acre		Qts. Per 100 Gals. Dilute Sprays*	Cutoff Days Before Harvest
	Min.	Max.		
Alfalfa and Clover (both grown for seed only—use restricted to California, Idaho, Nevada, Oregon, and Washington).	1½	3¾	1½	—
Chestnuts, Filberts, Hickory Nuts, Pecans, Walnuts	4	10	1	14
Apples, Crabapples, Pears, Quinces	4	10	1	7
Beans (dry)	1½	2	1	45
Beans (dry green, lima)	1	1	1	7
Beans (dry green, lima) (California only)	2	2½	1	21
Cantaloupes, Cucumbers, Melons, Pumpkins, Squash, Watermelons	4	10	1	2
Cherries	4	6	1	7
Citrus (all)	4	10	1	7
Cotton	2	4	1	14
Grapes, Hops	1½	3	1	7
Mint	2	5	1	30
Peaches, Apricots, Nectarines	4	10	1	14
Plums, Prunes, Figs	4	10	1	7
Raspberries, Currant-berries	1½	3	1	7
Strawberries—Two-Spotted and similar mites	1	2	1	7
Strawberries—Cyclamen mite	1	1	1	2
Tomatoes, Peppers	1	2	1	2
Clover Mites in buildings	Full Coverage		1	1
Lawn and Turf Grasses	Full Coverage		1	1

*Gallonage of spray will vary with size and number of trees or plants per acre and the density of the foliage. In any case, thorough coverage of all parts of the plant is essential for good mite control.

Do not apply KELTHANE in any formulation on any plant or avocados.

In general, KELTHANE applications should be made as the various mite species begin to appear in threatening numbers and repeated as necessary for adequate seasonal control, except as noted or recommended locally.

VEGETABLE AND FIELD CROPS

ALFALFA AND CLOVER (BOTH GROWN FOR SEED ONLY—USE RESTRICTED TO CALIFORNIA, IDAHO, NEVADA, OREGON AND WASHINGTON)—for carmine, Pacific, strawberry (Atlantic), and two spotted mites. Use 1½ to 3¾ quarts of Kelthane EC per acre in sufficient water for thorough coverage. Apply when mites become active and repeat if necessary. Treated fields are not to be grazed, and crop residues and cuttings are not to be fed to livestock or baled for such use. The fields must be cleared by burning crop residues or by discing into the soil.

BEANS, CANTALOUPE, CUCUMBERS, HOPS, MELONS, PEPPERS, PUMPKINS, SQUASH (WINTER AND SUMMER), TOMATOES, WATERMELONS—Pacific, tomato russet, tropical and two spotted mites. Apply at first signs of mite buildup and repeat as necessary. Do not feed crop residues to dairy or meat animals. DO NOT USE ON EGG PLANTS.

COTTON—Desert, Pacific and two spotted mites. Use 2 to 4 quarts KELTHANE EC per acre depending on size of the plant and density of the foliage. Apply with ground sprayers in sufficient water to provide thorough coverage. Begin application when mites are first noticed and repeat if necessary. Do not feed cotton trash to meat or dairy animals.

MINT—Peppermint and spearmint for control of red preference. For control of two spotted mites use KELTHANE EC at 1 to 2 quarts per acre. Make application when mites become active. Do not apply within 30 days of harvest and do not make more than one

DIRECTIONS FOR USE CONTINUED

application per crop per season. Do not feed treated fresh or spent hay to livestock.

FRUITS AND NUTS

APPLES, CRABAPPLES, PEARS, QUINCES To clean up clover and European red mites and to control apple rust, McDaniel, Pacific, Schoene, two-spotted, Willamette and yellow (carpini) mites. Make application in second to later cover sprays or whenever mite population appears. In areas where the preventive schedule is accepted practice, use two successive applications at $\frac{1}{2}$ quart per 100 gallons dilute spray applied at 10-14 day intervals. Make thorough full coverage application. Note: KELTHANE EC may cause fruit spots on pears under certain conditions and should be used at the lower dosages and with caution on this crop. To avoid possible injury do not use glyodin fungicide with KELTHANE in late cover sprays.

APRICOTS, CHERRIES, FIGS, NECTARINES, PEACHES, PLUMS, PRUNES Clover (brown almond), European red, McDaniel, Pacific, peach silver, plum nursery, Schoene, two-spotted, Willamette and yellow mites. Apply at petal fall to first cover or whenever mite population appears. If repeat application is necessary, wait 30 days to avoid excessive residues.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, OLALLIEBERRIES, RASPBERRIES Brown almond (clover), European red, McDaniel, Pacific, two-spotted, Willamette and yellow mites. Apply just after bloom or whenever mites appear and repeat if necessary.

CITRUS (GRAPEFRUIT, KUMQUATS, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES) Citrus flat, citrus red (purple), citrus rust, six-spotted, Texas citrus and Yuma mites. Follow local timing recommendations. DO NOT USE ON AVOCADOS.

GRAPES, CHESTNUTS, FILBERTS, HICKORY NUTS, PECANS, WALNUTS -Brown almond (clover), European red, McDaniel, Pacific, two spotted, Willamette and yellow mites. Apply just after bloom or whenever mites appear and repeat if necessary.

STRAWBERRIES Six-spotted, strawberry (Atlantic) and two-spotted mites. Apply when mites appear and repeat as necessary.

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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.

OTHER USES

CLOVER MITES IN BUILDINGS Use $\frac{1}{4}$ to 1 quart KELTHANE EC per 100 gallons. Thoroughly spray outside walls, foundations, windowsills, plants and lawns at base of infested buildings.

LAWN AND TURF GRASSES Bermuda, brown and clover mites. Use $\frac{3}{4}$ to 1 quart KELTHANE EC per 100 gallons (2 tablespoons per gallon). Apply $2\frac{1}{2}$ gallon dilute spray per 1000 square feet. Make application when mites appear covering the entire lawn area with a thorough spray and repeat in 10 to 14 days if necessary.

NOTE: To improve the spray coverage on difficult to wet crops such as almonds, apricots and peaches and to smooth out spray deposits on maturing apples, pears and other fruits add 1 to 2 ounces of TRITON® B-1956® per 100 gallons of spray or equivalent in concentrate sprayers.

NOTE: KELTHANE EC may be used without any spreader sticker. When necessary to improve the spray coverage on foliage difficult to wet and to smooth out spray deposits on maturing fruit TRITON® B-1956 is recommended. Other suitable pesticide spreader-stickers may also be used, except in situations where TRITON® B-1956 is recommended as the only acceptable spreader-sticker.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. 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.

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