



BEST AVAILABLE COPY

PREMIUM GRADE MALATHION

E-5

5 LBS. PER GALLON

FOR AGRICULTURE-ANIMALS
GRAIN AND CEREAL PRODUCTS

CAUTION

Keep Out of Reach of Children

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

DO NOT USE, POUR, SPILL OR STORE NEAR
HEAT OR OPEN FLAME.

ACTIVE INGREDIENTS:

Malathion	57%
INERT INGREDIENTS	43%
	100%

(0,0—dimethyl dithiophosphate of diethyl mercaptosuccinate)

EPA REGISTRATION #8329-11

EPA EST #08329M.01

**CLARKE MOSQUITO CONTROL
PRODUCTS CO., INC.**
159 N. GARDEN AVENUE
ROSELLE, IL 60172

DIRECTIONS

BEFORE USE READ DIRECTIONS, CAUTION
AND NOTICE STATEMENTS CAREFULLY

Dissolve in sufficient water for complete cover-
age unless otherwise specified.

For ground application use from 10 to 20
gallons of water per acre. For aerial applica-
tion dilute with 3 to 10 gallons of water per
acre.

For fruit applications, thorough, full coverage
applications should be made.

PLANT INSECT CONTROL

PLANT	PEST	Dilution Per 100 Gallons Water	Int. (Days) Between Last App. & Harvest
Apples**	European Red Mite, Green Apple Aphid Red-banded Leaf Miner, Codling Moth	2 pints	3
Pears**	European Red Mite, Green Apple Aphid Red-banded Leaf Miner, Codling Moth	2 pints	3
Peaches*	Plum Curculio	2 pints	7
Grapes**	Leafhopper, Spider Mites	1½ pints†	3
Melons***	Aphids, Spider Mites	1½ pints†	1
Cucumbers	Thrips	1½ pints†	3
Potatoes	Aphids, Leafhopper	1 pint †	3
Tomatoes	Spider Mites— Aphids	1½ pints† 1 pint	3 —
Ornamentals**	Aphids, Spider Mites, Thrips, Rose Leafhopper Beetweevils	1½ pints 2 pints	1 —
Alliums*	Aphids, Potato Leafhopper, Spider Mites, Spittle Bug, Allium Weevil Larvae, Greenhopper	1½ to 2 pints†	7
Barley, Oats, Rye, Wheat (Grain Forms)	English Grain Aphid Greenhopper	1½ pints†	7

ANIMAL INSECT CONTROL

HOGS: Lice and sarcoptic mange, mix 4 table-
spoons MALATHION E-5 in one gallon (1 qt. to
25 gals.) of water and apply as a complete
coverage spray to animals, pens and litter. For
mange spray all animals in herd, cover all body
surfaces, including inside of ears. After treat-
ment keep hogs out of sun and wind for four
hours. One treatment will usually control; how-
ever, extensive cases of mange may need re-
treatment in 10 days; for lice re-treat as neces-
sary.

BEEF CATTLE: To control lice dilute 1 quart of
MALATHION E-5 in 25 gallons of water, for tick
control — 1 to 2 quarts per 25 gallons and for
hornfly control 1 to 1½ quarts per 25 gallons
of water. Apply complete coverage spray. For
lice repeat application only as needed. For
ticks and hornfly control, repeat application at
2-week intervals if needed. Do not treat calves
under one month of age. Do not apply to dairy
animals.

DOGS AND CATS: To control fleas mix 2 table-
spoons in one gallon of water, wet animal
thoroughly using a hand sprayer. Repeat appli-
cations if necessary, not more often than once
every 2 or 3 weeks. Do not treat animals
under 1 month of age.

ANIMAL QUARTERS: For control of fleas in ken-
nels, pens, yards, lawns and under houses, re-
move manure or debris. Apply spray containing
10 tablespoons per gallon of water at rate of
1 gallon to 1,000 sq. ft. Use garden sprayer.

POULTRY (Direct Application): To control North-
ern Fowl Mite and Poultry Lice use 2 table-
spoons per 1 gallon water per 100-150 birds.
(Premise Treatment.) To control above plus
Chicken Red Mite and Flies use 4 tablespoons
in 1 gallon of water. Apply liberally to litter,
walls, ceilings, roosts, nests and adjacent areas.
Force spray into cracks and crevices. On all
poultry treatments, repeat as necessary.

**OUTDOORS — Mosquitoes and Small Flying In-
sects:** Use 2½ MALATHION E-5 fog, aerosol or
space spray. Dilute MALATHION E-5 1 to 28
parts with water, fuel oil or diesel oil, for 2½
spray. Repeat applications as necessary. Avoid
applying oil based spray to ornamental plants.

**May cause injury to McIntosh and Cortland apples in
summer sprays; Base pear: under certain conditions in North-
east; Ribwort grapes; certain forms; some species of cressula
and concord juniper.

***Do not apply to cucurbits unless plants are dry.

†Do not apply to alfalfa in bloom. Make repeat applica-
tions as needed.

‡Per acre rates.
*Do not apply more than 700 gallons per acre of spray
mixture.

Note — For control of Codling Moth and Plum Curculio
apply at petal fall and every 10 to 14 days thereafter until
control is achieved.

NOTICE: Seller makes no warranty, expressed or implied,
concerning the use of this product other than indicated on
the label. Buyer assumes all risk of use and/or handling of
this material when such use and/or handling is contrary to
label instructions.

Reviewed. Registration claims to be in accordance with

Registration of Pesticides, 1958, P. 100

8329-11
1M/C 12/31/89

DIRECTIONS

Protection of Stored Grains — For the protection
of stored wheat, oats, rice, corn, rye, barley,
grain sorghum, and field or garden seeds,
against confused flour beetle, rice weevil, gran-
ary weevil, saw-toothed grain beetle, flat grain
beetle, red flour beetle, rusty grain beetle,
lesser grain borer, and Indian meal moth, apply
1 pint of MALATHION E-5 in 2 to 5 gallons of
water per 1000 bushels. Apply as the grain
is being loaded or turned into final storage.
Field and Garden Seeds can be protected
against the above grain pests with a dosage
of ½ pint of MALATHION E-5 in 1 to 2½ gallons
of water per 500 bushels of seed.

Malathion may be used under the require-
ments of the Khapra Beetle quarantine, where
water or diesel oil emulsions are indicated, as
prescribed by current quarantine instructions.
To protect stored grains from attacks by Indian
meal moth, apply MALATHION E-5 to the sur-
face of clean or uninfested grain at the rate of
½ pint in 1 to 2 gallons of water per 1000
square feet of grain surface area. Apply the
spray evenly over the surface of the grain.
Apply immediately after grain is loaded into
storage and repeat if necessary.

Residual Spray — For a residual wall, floor, and
machinery spray in grain elevators, in treating
truck beds, box cars, and ships' holds before
loading grain, apply 1 gallon of MALATHION
E-5 per 25 gallons of water, making thorough
application. Before applying spray, clean el-
evators, boxcars, etc., thoroughly. Remove and
burn all sweepings and debris.

In ships holds, wear mask or respirator of a
type recommended by the U.S. Bureau of Mines
to give adequate protection against this materi-
al. Wear protective clothing to prevent as much
of the skin as possible from exposure. Wash
hands and face after using.

RESIDUAL SPRAY — BOXCARS FOR LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS:

For control of the exposed stages of confused
flour beetle, rice weevil, granary weevil, saw-
toothed grain beetle, flat grain beetle, red flour
beetle, rusty grain beetle, lesser grain borer,
Indian meal moth and mite pests infesting
empty boxcars into which bagged flour and
packaged cereals are to be loaded and trans-
ported, apply MALATHION E-5 as follows:

1. Clean the boxcar thoroughly, then remove
and burn all sweepings and debris.
2. Spray walls and floor to the point of run-off
with either 1 gallon of MALATHION E-5 in
25 gallons of water, or 1 gallon of this pro-
duct in 19 gallons of deodorized kerosene.
(The deodorized kerosene solution should be
made up of 4 parts Deasol or other kerosene-
type solvent plus 1 part Xylene Solvent or
other aromatic hydrocarbon-type solvent.)
3. Let the sprayed boxcar stand empty with the
doors open until the spray has thoroughly
dried.
4. Line the walls and floor of the boxcar with
kraft paper before loading.

CAUTION

Harmful if swallowed. Avoid breathing of
spray mist. Avoid contact with skin, wash
thoroughly after using. Avoid contamination of
feed and foodstuffs. Keep out of the reach of
children. Misuse as to quantity, timing or
method of application can cause damage or
injury to animals, persons, property or crops or
cause residues in excess of official tolerances.

THIS PRODUCT is toxic to fish. Keep out of any
body of water. Do not apply when weather
conditions favor drift of spray from areas treat-
ed.

Do not contaminate water by cleaning of equip-
ment, or disposal of wastes. Do not apply where
runoff is likely to occur. Apply this product
only as specified on this label.

DO NOT reuse empty container. Destroy it by
perforating or crushing. Bury or discard in a
safe place or return drum to drum conditioner.
This product is highly toxic to bees exposed to
direct treatment or residues on crops. Protective
information may be obtained from your Co-
operative Agricultural Extension Service.

**DO NOT use animal quarters and premise treat-
ment concentrations or, animals or poultry.** Do
not use in milk rooms.

MALATHION E-5 is a cholinesterase inhibitor.
Do not use this product on animals simultan-
eously or within a few days before or after
treatment with or exposure to cholinesterase
inhibiting drugs, pesticides or chemicals; Atra-
pine is antidote; Consult veterinarian at first
sign of adverse reaction.

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