



DIRECTIONS FOR USE

Before using, agitate contents by shaking or rolling. Pour recommended amount of this material into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be compatible. Consult your State Agricultural Experiment Station or your State Agricultural Extension Service for additional information consistent with this label cautions and directions.

ALFALFA, CLOVER: To control Alfalfa weevil larvae, Aphids, Armyworms, Grasshoppers, Lygus bugs, Potato leafhopper, Spider mites and Spittlebugs apply 1 1/2 to 2 pints per acre in sufficient water for thorough coverage. Use higher rate for Armyworm control.

SUGAR BEETS: To control Aphids and Spider Mites apply 1 1/2 - 2 pints per acre in sufficient water for thorough coverage.

GRAIN CROPS (Barley, Corn, Oats and Wheat): To control cereal leaf beetle apply 1 - 1 1/2 pints per acre.

Do not apply closer than 5 days (grain or forage use) for corn.

Do not apply closer than 7 days for Barley, Oats and Wheat.

MOSQUITOES (Outdoors): To control mosquitoes mix 1 part Naco Malathion 5 E C to 28 parts water and apply as an area or patio spray. Repeat application as necessary. Avoid application to valuable ornamental plants as injury may occur.

STORED GRAINS AND PEANUTS

GRAINS—For the protection of stored grains, such as wheat, oats, rice, corn, rye, barley, grain sorghum, and field or garden peas, against 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 for control of Cereal leaf beetles, apply

Naco Premium Grade Malathion 5 E C as follows:
Residual Spray—Before Storing Grains:

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 Naco Premium Grade Malathion 5 E C per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, and ships' holds thoroughly. Remove and burn all sweepings and debris.

Grains Going Into Storage:

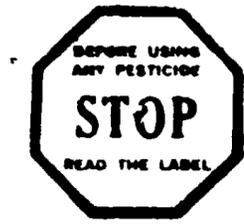
Apply 1 pint of Naco Premium Grade Malathion 5 E C in 2-5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage.

After Grains Are Stored:

To protect stored grains from attack by Indian meal moth, Apply Naco Premium Grade Malathion 5 E C to the surface of clean or uninfested grain at the rate of 1/2 pint in 1 - 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—Box Cars For Loading and Transporting Bagged Flour and Packaged Cereals:

For the control of confused flour beetle, rice weevil, granary weevil, saw-toothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser



PREMIUM GR

ACTIVE INGREDIENTS:

- * Malathion
- Xylene

INERT INGREDIENTS:

- * O, O-Dimethyl-Dithiophosphate of Diethyl Mercaptosuccinate

KEEP O

(See side panel)

HARMFUL IF SWALLOWED OR INHALED. AVOID SKIN. Wash thoroughly after handling. Wash container. Do not use or store near heat or open flame. Do not

NOTE TO PHYSICIAN: Malathion, upon repeated use is also antidotal and may be administered

This product is toxic to fish. Keep out of lakes, streams, and ponds. Dispose of wastes by burying in non crop lands away from water. For protection of honeybees avoid use, if possible, during bloom periods. When necessary to use during such periods, warn bees (within flight range) until one week after application.

NOTICE: Follow directions carefully. Timing and method of application are important factors in the use of this product and are beyond the control of the manufacturer.

Ambrillo, Tex. • Baitin
Ft. Pierce, Fla. • Hi



ACCEPTED
Oct 10, 1972
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. SUBJECT
TO ATTACHED COMMENTS.

ACCEPTED WITH COMMENTS

NET

NACO

EPA REG. NO. 2124-753



PREMIUM GRADE MALATHION 5 E C

ACTIVE INGREDIENTS:

* Malathion	56.50%
Xylene	35.53%

INERT INGREDIENTS:

* O, O-Dimethyl-Dithiophosphate of Diethyl Mercaptosuccinate	7.97%
TOTAL	100.00%

CAUTION!

KEEP OUT OF REACH OF CHILDREN

(See side panels for additional cautions and directions)



HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING VAPOR OR SPRAY MIST. AVOID CONTACT WITH SKIN. Wash thoroughly after handling. Wash contaminated clothing before re-use. Avoid contamination of feed and foodstuffs. Do not use or store near heat or open flame. Do not store at temperatures below 0° F.

NOTE TO PHYSICIAN: Malathion, upon repeated, prolonged use may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

This product is toxic to fish. Keep out of lakes, streams and ponds. Apply this product only as specified on this label. Dispose of wastes by burying in non crop lands away from water supplies. Containers should be disposed by burying with wastes. For protection of honeybees avoid use, if possible, during periods when honeybees are visiting the crop or neighboring crops. When necessary to use during such periods, warn beekeepers well in advance to locate hives at a safe distance (beyond bee flight range) until one week after application.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

W. R. GRACE & CO.
AGRICULTURAL CHEMICALS
MEMPHIS, TENNESSEE

Amarillo, Tex. • Baltimore, Md. • Cary, N.C. • Charleston, S.C. • Columbus, Ohio •
Ft. Pierce, Fla. • Henry, Ill. • Joplin, Mo. • Lansing, Mich. • Nashville, Tenn. •
New Albany, Ind.

NET CONTENTS GALLONS

grain borer, Indian meal
ing empty box cars
packaged cereals are
Apply Naco Premium
follows:

1. Clean the box car
burn all sweepings at
2. Spray walls and floor
either 1 gallon of Naco
5 E C in 25 gallons of
Premium Grade Malathion
deodorized kerosene.
Application should be made
solvent plus one part
solvent).

3. Let the sprayed
doors open until the
4. Line the walls and
kraft paper before loading.

Field and Garden Seed
Field and Garden seed
above grain pests with
Premium Grade Malathion
of water per 500 bushels
seed for food, feed or
PEANUTS — For protection
against infestations of
moth, Confused flour
beetle, rusty grain beetle,
weevil, and saw-tooth
Premium Grade 25% Wettable
Residual Warehouse
Clean warehouse thoroughly
of old peanuts 1 - 2 weeks
stored. Then, thoroughly
empty warehouse. Clean
places. Treat outside



EPA REG. NO. 2124-753

ON 5 E C

56.50%
35.53%
7.97%
TOTAL 100.00%



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RAY MIST. AVOID CONTACT WITH
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visiting the crop or neighboring crops.
hives at a safe distance (beyond bee

hemicals not specifically recommended, and other influ-
g of this material not in strict accordance with directions



(DIRECTIONS CONTINUED)



grain borer, Indian meal moth and mite pests infest-
ing empty box cars into which bagged flour and
packaged cereals are to be loaded and transported.
Apply Naco Premium Grade Malathion 5 E C as
follows:

1. Clean the box cars 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 Naco Premium Grade Malathion 5 E C in 25 gallons of water, or one gallon of Naco Premium Grade Malathion 5 E C in 19 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts kerosene type solvent plus one part aromatic hydrocarbon type solvent).
3. Let the sprayed box car stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floors of the box cars with kraft paper before loading.

Field and Garden Seeds:
Field and Garden seeds can be protected against the above grain pests with a dosage of 1/2 pint of Naco Premium Grade Malathion 5 E C in 1 - 2 1/2 gallons of water per 500 bushels of seed. Do not use treated seed for food, feed or oil purposes.

PEANUTS — For the control of stored peanuts against infestations of red flour beetle, Indian meal moth, Confused flour beetle, rice weevil, flat grain beetle, rusty grain beetle, lesser grain borer, granary weevil, and saw-toothed grain beetle, apply a Premium Grade 25% Wettable Powder as follows:

Residual Warehouse Spray—Before Storing Peanuts. Clean warehouse thoroughly of trash and remains of old peanuts 1 - 2 weeks before new peanut crop is stored. Then, thoroughly spray the interior of the empty warehouse, especially cracks and protected places. Treat outside walls to a height of 6-8 feet and

the ground to a distance of 6 feet from the warehouse. Use 1 pint of Naco Premium Grade Malathion 5 E C in sufficient water to make 2 1/2 gallons of spray, or 1 gallon with 19 gallons of water. Apply as a coarse spray at the rate of 2 gallons per 1000 square feet of surface or to run-off.

Bulk Spray Treatment—Peanuts Going Into Storage: Use Naco Premium Grade Malathion 5 E C at the rate of 2 1/2 pints in 5 gallons of water for each 15 tons of farmers' stock peanuts as they go into storage. Use good spray equipment. Apply coarse spray uniformly. Preferably use a suitable mechanical spray applicator that regulates the rate of application to the flow of peanuts. Adjust the operating pressure of spray pump and size of nozzle opening to correlate the amount of spray delivery with the rate of flow of peanuts being treated. Avoid spraying with a fine mist that drifts away, by using low nozzle pressure. Shield the nozzle against wind and air currents.

After peanuts have been bulk treated, use a Premium Grade Malathion 25% Wettable Powder as a supplemental surface spray as follows:
Use 1 3/4 pounds of Premium Grade Malathion 25% Wettable Powder in 2 gallons of water for each 1000 square feet of surface.

Apply the first surface treatment as soon as the bin is filled and leveled, but not later than the first week in October. Apply the second surface treatment one month later, followed by subsequent treatments at 2-month intervals.

For applying the wettable powder surface treatments, use a piston-pump type power sprayer equipped with an agitator, and with a nozzle capable of delivering a coarse spray. Use spray equipment with sufficient capacity and power to cover large surfaces thoroughly.

