

PM 16

EPR # 47000-9
CLF 9/5/89

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RECOMMENDATIONS — STORED GRAINS

Stored Grains: BARLEY, CORN, SORGHUM, FIELD OR GARDEN SEEDS, OATS, RICE, RYE, WHEAT: Confused flour beetle, Indian meal moth, flat grain beetle, granary weevil, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle, saw-toothed grain beetle, apply 1 pint of Malathion 5-E in 3 to 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 clean or uninfested grain from Indian Meal Moth, use 1/2 pint Malathion 5-E in 1 to 2 gal. water per 1000 sq. ft. of grain surface. Spray evenly over surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

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 Malathion 5-E per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc., thoroughly. Remove and burn all sweeping and debris.

MALATHION — STORED PEANUTS

For protection of stored peanuts against infestation 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 Malathion 5-E Premium Grade as follows:

Residual Warehouse Spray — Before Storing Peanuts: Clean warehouse thoroughly of trash and old remains of peanuts 1 to 2 weeks before new peanut crop is stored. Thoroughly spray with sufficient pressure interior of empty warehouse (including cracks and protected places) outside walls, to height of 6 to 8 feet, and the ground to a distance of about 6 feet from warehouse by diluting 1 pint of 57% premium grade Malathion with sufficient water to make 2 1/2 gallons of spray or 1 gallon with 19 gallons of water. Apply finished spray at the rate of 2 gallons per 1000 sq. ft. or to run-off.

Bulk Spray Treatment — Peanuts Going into Storage: Apply 2 1/2 pints of Malathion 5-E Premium Grade in 5 gallons of water per 15 tons of farmers' stock peanuts as they go into storage. Apply coarse spray uniformly. Preferably use a suitable mechanical spray applicator which regulates rate of application to flow of peanuts. Otherwise, adjust pressure and size of nozzle opening to rate of flow of peanuts.

Supplemental Surface Spray: After warehouse has been filled, level surface of peanuts before spraying. Apply surface spray using 1 1/2 lbs. of premium grade malathion 25% WP in 2 gallons of water and apply at the rate of 2 gallons per 1000 square feet of surface. Apply first treatment as soon as bin is filled and leveled, but not later than the first week in October. Apply the second surface treatment 1 month later, followed by treatments at 2 month inter-

CHEM-TECH, LTD.



MALATHION 5-E GRAIN PROTECTANT

(Contains 5 lbs. Premium Grade Malathion per gallon)

ACTIVE INGREDIENTS:

Malathion* 57%
INERT INGREDIENTS: 43%

*O,O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate

CAUTION

KEEP OUT OF REACH OF CHILDREN

See side panel for additional cautions.

**NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME:
PROTECT FROM TEMPERATURES BELOW 60°F.**

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Manufactured by

CHEM-TECH, LTD.
Des Moines, IA 50321

MALATHION — STORED PEANUTS (Continued)

vals. Use a piston type power sprayer equipped with agitator and nozzle capable of delivering a coarse spray. Repeat surface application 60 days later if warm temperatures prevail. Otherwise delay further treatment until late winter.

Note — Both 25 and WP are to be used in the full program.

FLIES

For use around buildings which house domestic animals, around yards, homes, and around meat processing establishments.

Amount of Spray	Amount Malathion 5-E	Amount of Salt Spray	Amount Malathion 5-E	Sugar or Molasses or Corn Syrup	Unsweetened Molasses or Corn Syrup
1 gal.	3 lbs.	1 gal.	3 lbs.	7 lbs.	7 lbs.
2 1/2 gal.	1 cup	2 1/2 gal.	1 cup	1 cup	1 cup
12 gal.	1 qt.	12 gal.	1 qt.	2 1/2 lbs.	1 quart
100 gal.	1 gal.	100 gal.	1 gal.	20 lbs.	2 gal.

Apply the spray at the rate of one gallon per 1000 square feet on painted surfaces and two gallons per 1000 square feet on unpainted surfaces where flies alight or congregate. In most cases, adding molasses or sugar to the spray prolongs the insecticidal activity of malathion and serves as a fly attractant. Caution: Avoid contamination of food and food products, also drinking fountains and feed troughs. Do not leave within reach of children. Do not use in rooms where edible products are handled. Remove dairy animals and animals under one month of age from building before treating. Do not apply malathion to freshly whitewashed surfaces. Wait 14 days before using malathion.

In conjunction with malathion treatments in and around dairy barns and other agricultural premises, fly breeding sites such as manure and other material should be eliminated.

CAUTION

Harmful if swallowed! Avoid breathing of spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling or using. Avoid contamination of feed and feedstuffs. Apply this product only as specified on the label.

Note to Physicians: Malathion, upon use, may cause cholinesterase inhibition. Atropine is antidotal.

Do not reuse container. Destroy when empty.

This product is toxic to fish. Keep out of lakes, streams or ponds.

NOTICE: Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and acceptance of the product on these conditions.

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EST. #47000-IA-01

Not Reviewed. Registrant claims to be in accordance with registration of Pesticide Product Guidance for Phase 2 (Annex 2, Part 2.12, and 2.13) to meet Change in Status.

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