

ACC  
 Oct-10-1977  
 1386-208

UNICO Mal

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**PEANUT PROTECTION**—For protection 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 UNICO Malathion Grain Spray liquid 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 UNICO Malathion Grain Spray in sufficient water to make 2½ gallons of spray or 1 gallon with 19 gallons of water. Apply finished spray at the rate of 2 gallons per 1,000 square feet or to run-off.

**Bulk Spray Treatment—Peanuts Going Into Storage:** Apply 2½ pints of UNICO Malathion Grain Spray 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 1¾ lbs. of UNICO 25% Premium Grade Malathion Wettable Powder in 2 gallons of water and apply at the rate of 2 gallons per 1,000 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 intervals. 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.

**CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin; wash thoroughly after using. Avoid contamination of feed and foodstuffs. Keep container closed and away from heat and open flame.

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DESTROY EMPTY CONTAINERS.** Do not reuse this container for any purpose. Break empty glass containers into a previously prepared pit on non-crop land in an isolated area and bury fragments deeply.

**NOTICE**

Use only for the purposes and in compliance with the limitations, cautions or warnings stated on this label.



**MALATHION  
 GRAIN SPRAY  
 PREMIUM GRADE**

**INGREDIENTS**

<b>ACTIVE INGREDIENTS:</b>	
Malathion*	57%
Xylene	32%
<b>INERT INGREDIENTS</b>	<b>11%</b>
Total	100%



\*0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate  
 CONTAINS 5 POUNDS PREMIUM GRADE MALATHION PER GALLON

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

See Remainder of CAUTION Statement on Side Panel

EPA Reg. No. 1386-208

**Net Volume 1 U.S. Gallon Liquid**

FC-440A-B-72 MANUFACTURED BY PROD. 228

UNICO Malathion Grain Spray grade malathion which should be spray. To mix, add desired amount stir or agitate to form an emulsion.

**CLEAN-UP SPRAY** (Before Storage) which commonly infest grain or residues and debris, the bins, etc. as trucks and conveyors should be Remove and burn all sweepings and of debris since this material also

Before the new grain or per gallon of this concentrate in 19 applied to walls, floors and ceiling including farm storage. Spray also surfaces to the point of run-off cracks and crevices where insects

**GRAIN PROTECTION**—For protection of barley, and grain sorghum) against such as rice weevil, granary weevil, beetle, red flour beetle, confused and Augoumois grain moth, use each 1,000 bushels. Apply the spray into final storage. Standard spray known volume are suitable for the

For small amounts of grain if not be available, any low-pressure. The spray should be applied to storage. The first step is to determine the rate at which the sprayer is regulate the flow of grain to get. For example, if the sprayer is 1 minute, then, when using a mixture the flow of grain should be 6¼

**SURFACE TREATMENT FOR II** attack by Indian meal moth, use for each 1,000 square feet of surface of clean or uninfested. Repeat if necessary.

**UNITED CO-OPERATIVES, INC.  
 ALLIANCE, OHIO 44601**

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# MALATHION GRAIN SPRAY PREMIUM GRADE

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**Net Volume 1 U.S. Gallon Liquid**

FC-440A-8-72 MANUFACTURED BY PROD. 228

UNITED CO-OPERATIVES, INC.  
 ALLIANCE, OHIO 44601

## UNICO Malathion Grain Spray

PREMIUM GRADE

### DIRECTIONS FOR USE

UNICO Malathion Grain Spray is an emulsifiable concentrate containing premium grade malathion which should be diluted or mixed with water for application as a spray. To mix, add desired amount of the concentrate to known volume of water and stir or agitate to form an emulsion.

**CLEAN-UP SPRAY** (Before Storing Grain or Peanuts)—Since many of the insects which commonly infest grain or peanuts in storage continue to live and breed in residues and debris, the bins, storage areas, elevators, and handling equipment such as trucks and conveyors should be thoroughly cleaned before storing the new crop. Remove and burn all sweepings and debris. The ground outside should be kept free of debris since this material also breeds insects.

Before the new grain or peanuts go into storage, a spray made by mixing 1 gallon of this concentrate in 19 gallons of water (1 pint in 2½ gallons) should be applied to walls, floors and ceilings of bins, warehouses, and other storage areas including farm storage. Spray also handling equipment and truck beds. Spray all surfaces to the point of run-off, making sure the spray is driven into joints, corners, cracks and crevices where insects may be concealed.

**GRAIN PROTECTION**—For protection of stored grain (wheat, oats, rice, corn, rye, barley, and grain sorghum) against infestation by insects which attack grain in storage such as rice weevil, granary weevil, lesser grain borers, cadelle, saw-toothed grain beetle, red flour beetle, confused flour beetle, flat grain beetles, rusty grain beetles, and Augoumois grain moth, use 1 pint of concentrate in 2 to 5 gallons of water to each 1,000 bushels. Apply the spray uniformly as the grain is being loaded or turned into final storage. Standard spray applicators which can be calibrated to deliver a known volume are suitable for this application.

For small amounts of grain in farm storage, where special spray equipment may not be available, any low-pressure sprayer (holding one gallon or more) can be used. The spray should be applied to the grain stream as the grain is being elevated into storage. The first step is to determine, by means of spraying out a tank full of water, the rate at which the sprayer is discharging (e.g. fluid ounces per minute). Then, regulate the flow of grain to get the proper amount of spray uniformly on the grain. For example, if the sprayer is calibrated to deliver 4 fluid ounces (¼ pint) per minute, then, when using a mixture of 1 pint of concentrate in 5 gallons of water, the flow of grain should be 6¼ bushels per minute.

**SURFACE TREATMENT FOR INDIAN MEAL MOTH**—To protect stored grains against attack by Indian meal moth, use ½ pint of the concentrate in 1 to 2 gallons of water for each 1,000 square feet of grain surface. Apply as a spray uniformly to the surface of clean or uninfested grain immediately after being loaded into storage. Repeat if necessary.