

ACCEPTED

9-30-71

413-52

UNDER THE FEDERAL FOOD, DRUG, AND COSMETIC ACT

with out comments

[413-52]

PIONEER

BRAND



GRAIN GARD
PREMIUM GRADE MALATHION
For Protection Against Stored Grain Pests

WARNING
Keep out of Reach of Children
See back panel for additional Cautions

BARTELS & SHORES

DIRECTIONS FOR USE

SURFACE TREATMENTS FOR INDIAN MEAL MOTH

As A Spray: To protect stored grain from attack by Indian meal moth, apply premium 57% malathion to the surface of clean or uninfested grain at the rate of 1/2 pint in 1 to 2 gallons of water for each 1,000 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.

AS A CLEAN-UP SPRAY

Before new grain goes in, a residual malathion spray should be applied to walls, floors and machinery in grain elevators or farm storage. This applies also to truck beds, cars and ships' holds. Mix this spray at the rate of one gallon of premium 57% malathion in 25 gallons of water. Spray all surfaces to the run-off point—making particularly sure that the spray is forced into cracks and crevices. This same spray should be used around the outside of bins and elevators to help prevent re-infestation.

WARNING: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist or dust. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly with soap and water. Change clothing immediately and wash before re-use. Destroy containers completely when empty, do not re-use. Avoid contamination of feed or foodstuffs. Keep away from children and domestic animals. Malathion upon repeated or prolonged use, may cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid. Atropine is antidotal.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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

DIRECTIONS FOR USE

APPLIED TO GRAIN AT TIME OF STORAGE

For the protection of stored grain such as wheat, oats, rice, corn, rye, barley and grain sorghum, apply 1 pint of premium 57% malathion in 2 to 5 gallons of water to each 1,000 bushels of the grain.

Field and garden seeds can be protected with a dosage of 1/2 pint of premium 57% malathion in 1 to 2 1/2 gallons of water for each 500 bushels of seed.

Apply the spray as the grain or seed is being loaded or turned into final storage. Any of the standard applicators on the market which can be calibrated to deliver a known volume of liquid are suitable for applying malathion.

For small amounts of grain in farm storage, where special application equipment is not available, any type of low-pressure sprayer (holding a gallon or more) can be used. The spray can be applied to the grain stream as the grain is being elevated into storage. The first step would be to test-spray a tank of water to determine the rate at which the sprayer is discharging—then regulate the flow of grain to get on the proper amount of malathion.

Non Warranty: Bartels and Shores warrants that this insecticide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this insecticide is reasonably fit for its intended purpose. Since timing, methods of application, weather, plant and soil conditions, mixture with other chemicals and other factors affect the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

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**CONTENTS
ONE GALLON**

ACTIVE INGREDIENTS:	
Malathion*	57%
Xylene	34%
INERT INGREDIENTS:	
	9%
Total	100%

*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate. Contains 5 lbs Malathion per gallon. USDA REC. NO. 413-52

DISTRIBUTED BY

Chemical Company

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