

Read cautions before using

Note: For specific uses under local conditions consult your State Agricultural Extension Service.

**CAUTION**

This product contains Malathion and Xylene. Harmful if swallowed. If swallowed call a physician immediately. Vapor harmful. Avoid breathing vapor and spray mist. Avoid prolonged contact with the skin; wash thoroughly after using.

Avoid contamination of food, food containers, watering troughs or feedstuffs. Do not use in dwellings or in milk processing rooms.

Injury may occur on certain ferns, such as Boston, Maidenhair, Paris, as well as some species of Cereals.

Highly toxic to fish. Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes and containers.

Spray may cause damage to automobile finishes—avoid such contact.

**NOTE TO PHYSICIAN:** If lavage is used, avoid aspiration into the lungs.

**COMBUSTIBLE:** Keep away from heat and open flame.

**NON-WARRANTY NOTICE:** Follow directions carefully. Seller warrants such directions to be proper and that product conforms to the descriptions on this label. Timing and method of application, weather and crop conditions, and other influencing factors in the use of the product are beyond the control of the Seller, so Seller makes no other warranty, express or implied (including a warranty of merchantability), with reference to the results or effects of use. No person has authority to make any representation not contained on this label.

**Vegetables**

	Pest	Amount/Acre AMOCO Malathion Spray	Remarks	Interval (days) between last application and harvest or grazing
Peas & Pea Vines for Forage	Pea Aphid	1 1/2 pts.	—	7—Vines for animal feeds. 3—Vines not to be fed.
	Pea Weevil	1 1/2-2 pts.	—	
Potatoes	Aphids, Leaf-hoppers, Mealybugs	1 pt.	—	0
Tomatoes (outdoor)	Spider Mites	1 1/2 pts.	—	1
	Aphids	1 pt.	—	1
	Drosophila	2 1/2 pts.	—	1

**Livestock**

Type of Animal	Pest	Amount AMOCO Malathion Spray per 100 gals. water	Remarks
Beef Cattle & Non-lactating Dairy Animals	Lice	1 gal. (6 1/2 oz./5 gals.)	Spray thoroughly
	Ticks	1-2 gals.	Spray thoroughly. Repeat at 2 week intervals if necessary.
	Horn Fly	1-1 1/2 gals.	Apply on back and neck, repeat 10-14 day intervals.
Hogs	Lice	1 gal.	Treat animals, pens, and litter thoroughly. Hogs should be kept out of sun and wind for a few hours after treatment.
Sheep & Goats	Lice Ticks Keds	1 gal.	Spray thoroughly. Repeat after 2-3 weeks if necessary. <b>DO NOT APPLY TO MILK GOATS.</b>

**Precautions in using on Livestock**

Do not treat animals under one year of age. Avoid contamination of feed, food containers and watering troughs. Do not apply to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening.

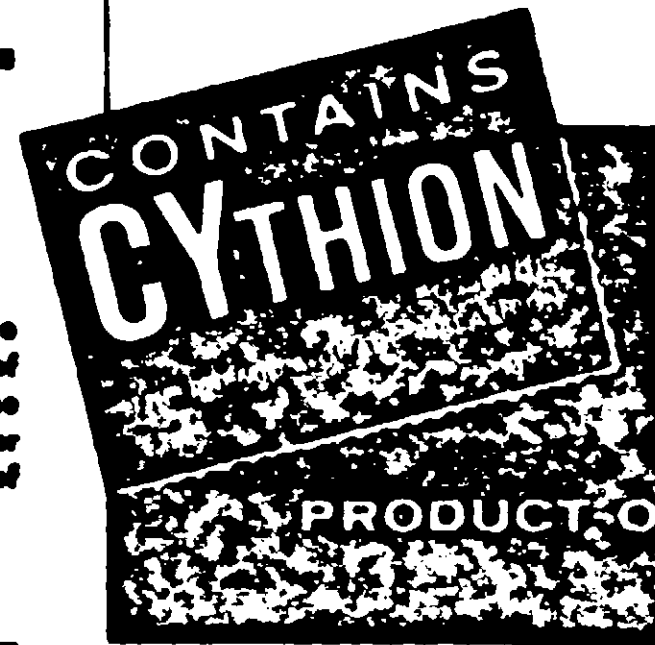
ACCEPTED

Nov. 14, 1970

**AMOCO Malathion Spray**

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND ROBOTIC ACT FOR ECONOMIC POISON REGISTERED

57% Emulsifiable Concentrate



PRODUCT OF AMERICAN OIL COMPANY

**CAUTION KEEP OUT OF REACH OF CHILDREN SEE OTHER CAUTION STATEMENTS ON SIDE PANEL**

**Outdoor Adult Mosquito Control**

Use 2% to 5% Malathion fog, aerosol, or space spray. For a 2% spray use 1 part of AMOCO Malathion Spray in 28 parts of water, fuel oil, or Diesel oil. When using kerosene type solvent as carrier, use 1 part AMOCO Malathion Spray in 28 parts of a mixture consisting of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent. For a 5% spray use 1 part Malathion Spray in 11 parts of similar solvents. Repeat applications as necessary.

Use 0.16 to 0.8 pt. of AMOCO Malathion Spray per acre depending on local conditions.

Avoid applying oil-based formulations to valuable ornamental plants as injury may occur.

Do not apply this treatment where food crops may be contaminated.

**Mixing Instructions**

**Ground Application**—Apply the specified per acre dosage of AMOCO Malathion Spray in sufficient water (50 to 100 gals. per acre) to give adequate coverage.

**Aerial Application**—Apply the specified per acre dosage of AMOCO Malathion Spray in at least 3 to 10 gals. of water per acre to insure adequate coverage.

**For Protection of Stored Grain**

For the protection of stored grains such as wheat, oats, rice, corn, rye, barley, grain sorghum and field or garden seeds against Confused Flour Beetle, Rice Weevil, Granary Weevil, Saw-Toothed Grain Beetle, Flat Grain Beetle, Red Flour

**ACTIVE INGREDIENTS (by weight)**

Malathion\*\* 57.0%  
Xylene 37.0%

**INERT INGREDIENTS (by weight)**

TOTAL 100.0%

\*\*0,0-Dimethyl dithiophosphate of Diethyl Mercaptosuccinate

Beetle, Rusty Grain Beetle, Lesser Grain Borer, Indian Meal Moth and for control of Cereal Leaf Beetles if they are present, apply AMOCO Malathion Spray 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 gal. of AMOCO Malathion Spray per 25 gals. of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

**Grains Going Into Storage:** Apply 1 pt. of AMOCO Malathion Spray in 2 to 5 gals. 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 AMOCO Malathion Spray to the surface of clean or uninfested grain at the rate of 1/2 pt. in 1 to 2 gals. of water per 1000 sq. ft. 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.

**Agricultural and Forage Crops**

	Pest	Amount/Acre AMOCO Malathion Spray	
Sorghum (Corn fields, Sweet & Pop)	Mexican Bean Beetle	2 1/2-3 pts.	—
	Aphids, Sap Beetle, Thrips	1 1/2 pts.	—
	Grasshoppers	1 1/2 pts.	M
	Corn Rootworm Adult	1 1/2 pts.	M
Alfalfa (Apply only in evening or early morning when bees are not working in the field)	Aphids, Potato Leaf-hopper, Spider Mites, Alfalfa Weevil larvae, Spittlebug, Grasshoppers, Spotted Alfalfa Aphid, Lygus Bug.	1 1/2-2 pts.	F
	Clover Leaf Weevil	1 1/2 pts.	A
	Armyworms	2 pts.	U
Clover (Do not apply to clover in bloom)	Aphids, Spider Mites, Grasshoppers, Leafhoppers	1 1/2-2 pts.	—
	Clover Leaf Weevil	1 1/2 pts.	A
Grain Crops (Barley, Oats, Wheat, Rye)	Cereal Leaf Beetle	1-1 1/2 pts.	—
	English Grain Aphid, Grasshoppers	1 1/2 pts.	F
	Armyworms	2 pts.	—
Grain Sorghum	Greenbugs	1 1/2 pts.	M

**Ornamentals**

Plant	Pest	Amount AMOCO Spray per water (H spr)
Shade Trees & Woody Ornamentals	Oyster Shell Scale, Lace Bug	1 pt.
	Euonymus Scale	1-1 1/2
	Aphids, Mealybugs, Spider Mites, Whitefly, Scurfy Scale	1 1/2 p
	Birch Leaf Miner, Boxwood Leaf Miner, Hagworms, Tent Caterpillar, Oak Kermes, Pine Leaf Scale, Fletcher Scale	2 pts.
	Pine Needle Scale	4 pts.

Net Contents

U. S. GALS.

MADE IN U.S.A.

USDA REG. NO. 114 (030)

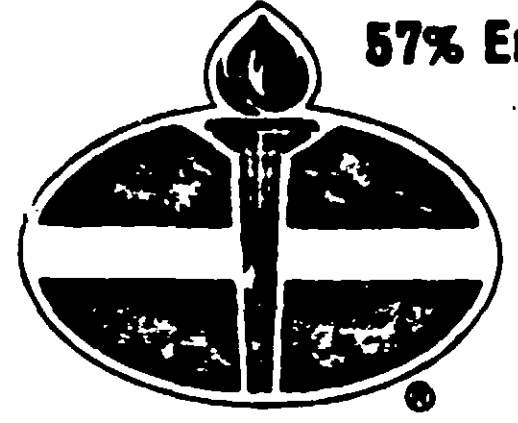
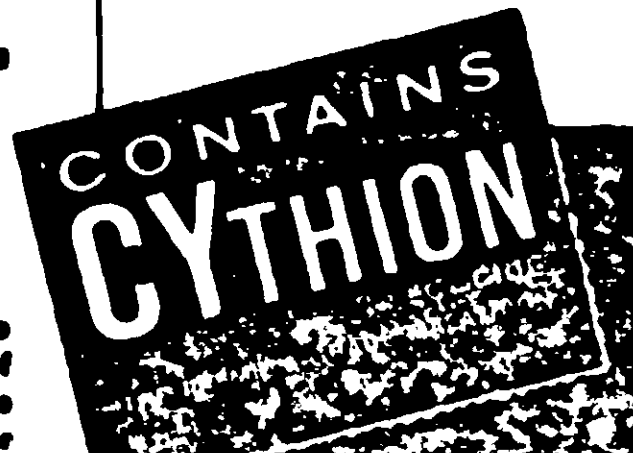
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57% Emulsifiable Concentrate



1 gallon of AMOCO Malathion Spray contains 5 pounds of Malathion

PRODUCT OF AMERICAN OIL COMPANY

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Net Contents U. S. GALS.

### Agricultural and Forage Crops

Crop	Pest	Amount/Acre AMOCO Malathion Spray	Remarks	Interval (days) between last application and harvest or grazing
Sorghum (Corn, Sorghum, Sweet & Pop)	Mexican Bean Beetle	2 1/2-3 pts.	—	3
	Aphids, Sap Beetle, Thrips	1 1/2 pts.	—	5
	Grasshoppers	1 1/2 pts.	Make full coverage applications to hatching areas when nymphs are young.	5
	Corn Rootworm Adult	1 1/2 pts.	Make full coverage applications to ear zone when adult beetles become abundant.	5
Alfalfa (Apply only in evening or early morning when bees are not working in the field)	Aphids, Potato Leafhopper, Spider Mites, Alfalfa Weevil larvae, Spittlebug, Grasshoppers, Spotted Alfalfa Aphid, Lygus Bug.	1 1/2-2 pts.	For control of Alfalfa Weevil larvae under cool temperatures, use a combination of malathion & methoxychlor as AMOCO Alfalfa Insecticide.	0
	Clover Leaf Weevil	1 1/2 pts.	Apply in spring when alfalfa is 2-6 in. tall.	0
	Armyworms	2 pts.	Use full coverage spray when larvae are small.	0
Clover (Do not apply to clover in bloom)	Aphids, Spider Mites, Grasshoppers, Leafhoppers	1 1/2-2 pts.	—	0
	Clover Leaf Weevil	1 1/2 pts.	Apply in spring when clover is 2-6 in. tall.	0
Grain Crops (Barley, Oats, Wheat, Rye)	Cereal Leaf Beetle	1-1 1/2 pts.	—	7
	English Grain Aphid, Grasshoppers	1 1/2 pts.	For Grasshoppers, make full coverage spray to hatching areas when nymphs are young.	7
	Armyworms	2 pts.	—	7
Grain Sorghum	Greenbugs	1 1/2 pts.	Make full coverage sprays, and repeat as necessary.	7

### Ornamentals

Plant	Pest	Amount AMOCO Malathion Spray per 100 gals. water (Hydraulic sprayer)	Remarks
Shade Trees & Woody Ornamentals	Oyster Shell Scale, Lace Bug	1 pt.	Apply when Oyster Shell Scale crawlers have settled on bark.
	Euonymus Scale	1-1 1/2 pts.	—
	Aphids, Mealybugs, Spider Mites, Whitefly, Scurfy Scale	1 1/2 pts.	Apply thorough wetting spray.
	Birch Leaf Miner, Boxwood Leaf Miner, Bagworms, Tent Caterpillar, Oak Kermes, Pine Leaf Scale, Fletcher Scale	2 pts.	Apply thorough wetting spray. For Oak Kermes and Fletcher Scale, apply after scale crawlers have settled on leaves & twigs.
	Pine Needle Scale	4 pts.	—

USDA REG. NO. 1145-31

MADE IN U.S.A.

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ACCEPTED WITH COMMENTS

to Agricultural Extension Service.  
swallowed. If swallowed call a  
vapor and spray mist. Avoid  
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roughs or foodstuffs. Do not use  
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by direct application, cleaning  
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seller warrants such directions to  
this label. Timing and method of  
encing factors in the use of the  
has no other warranty, express or  
arranty to the results or effects of  
not contained on this label.

Days	Interval (days) between last application and harvest or grazing
7	Vines for animal feeds.
3	Vines not to be fed.
0	
1	
1	
1	

Remarks
Spray thoroughly
Spray thoroughly. Repeat at 2 week intervals if necessary.
Apply on back and neck, repeat 10-14 day intervals.
Treat animals, pens, and litter thoroughly. Hogs should be kept out of sun and wind for a few hours after treatment.
Spray thoroughly. Repeat after 2-3 weeks if necessary. DO NOT APPLY TO MILK GOATS.

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