

CONTAINS  
**CYTHON**  
INSECTICIDE  
THE PREMIUM GRADE MALATHION  
REG. T.M. - AMERICAN CYANAMID COMPANY

U.S.D.A. Reg. No. 602-59

# PURINA<sup>®</sup> MALATHION SPRAY

TAKE TIME



OBSERVE LABEL  
DIRECTIONS

FOR INSECT CONTROL  
FARM BUILDINGS • POULTRY • LIVESTOCK • CROPS • STORED GRAIN  
(Contains 5 pounds of Malathion per gallon)



Active Ingredients:	
**Malathion	57.0%
Xylene	35.0%
Inert Ingredients	8.0%
**0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate. 100.0%	

**CAUTION:** KEEP OUT OF REACH OF CHILDREN  
SEE OTHER WARNINGS ON BACK PANEL

NET CONTENTS: 1 GALLON

Manufactured by  
**RALSTON PURINA COMPANY**  
General Offices • Checkerboard Square • St. Louis, Missouri 63199

602-59

11-17-69

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## HOW TO USE PURINA MALATHION SPRAY

**NOTE:** Directions for use of this product are not for aircraft applications.

**BUILDINGS—Flies, Mosquitoes, Gnats—**Mix 1 quart of Malathion Spray and 1 quart of syrup or molasses to 12 gallons of water (5 tablespoonfuls each to 1 gallon of water). Spray walls, ceilings, and other surfaces where flies rest to the point of run-off.

**Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites and Earwigs—**Mix  $\frac{1}{2}$  pint with  $1\frac{1}{2}$  gallons of water (2 tablespoonfuls per  $1\frac{1}{2}$  pints). Apply as a coarse spray or with paint brush to window sills, baseboards, under sinks, drainboards, stoves and to other areas where insects hide. Apply to ant trails and areas where ants enter buildings such as window and door sills. Do not contaminate food, dishes, utensils, milk, milk equipment and water. Repeat applications as needed.

**POULTRY—Chicken Red Mites—**Mix 1 pint to 6 gallons of water (5 tablespoonfuls per gallon). Spray in cracks of wall around roosting areas, in nest boxes, and on roosts. Provide clean litter and nesting material after spraying. Repeat applications as needed.

**Northern Fowl Mites and Lice—**Mix 1 ounce (2 tablespoonfuls) to 1 gallon of water. Apply at the rate of 1 gallon of mixed solution to 100-150 birds. Repeat in 4 to 8 weeks or when necessary.

**Chiggers on Poultry Ranges—**Apply 1- $1\frac{1}{2}$  pints per acre in sufficient water for good coverage. Make full coverage application 1 day before placing poultry on range. Repeat applications should be made every 2-3 weeks.

**LIVESTOCK—Beef Cattle, Horses, Hogs, Sheep and Goats:** For control of Horn Flies, Lice, Lone Star Ticks, Winter Ticks, Gulf Coast Ticks, Spinose Ear Ticks, Keds (Sheep Ticks)—Mix 1 gallon to 100 gallons of water ( $6\frac{1}{2}$  ozs. per 5 gallons of water). Repeat spraying after 2 or 3 weeks if needed.

**Beef Cattle and Horses—**Apply complete coverage spray. For Gulf Coast Ticks and Spinose Ear Ticks apply at low pressure to each ear and to head, neck and shoulder regions. Do not treat calves or foals under one month of age. Do not apply to dairy animals.

**Hogs—**Apply complete coverage spray to animals, pens, and bedding.

**Sheep and Goats—**Spray animals thoroughly. Do not use on milk goats. Do not treat animals under one month of age.

**Back Rubbing Devices—**(Beef Cattle, Non-Milking Dairy Animals). For reduction of horn flies and lice—mix  $\frac{1}{2}$  pint (8 ozs.) in 2 gallons of fuel oil. Provide 1 rubbing device for each 40 head of cattle. Re-treat every 2 to 3 weeks. Do not use for lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening.

**CROPS—Forage: Alfalfa, Clover, Grass Hay, Pasture and Range Grass, Sugar Beets Tops.**

**Pests:** Aphids, Alfalfa weevil, Armyworms, Clover leaf weevil, Grasshoppers, Leafhoppers, Lygus bug—use  $1\frac{1}{2}$ -2 pints per acre in sufficient water for good coverage (25 to 50 gallons per acre). Use higher dosage on taller forage. For clover leaf weevil apply in spring when forage is 2-6 inches tall.

**Do not apply to clover in bloom.** For armyworms apply when larvae are small.

**Apply to alfalfa in bloom only in evening or early morning when bees are not working the field or are not hanging outside of hives.**

Repeat as needed.

**Grain: Barley, Corn, Oats, Rye, Wheat.**

**Pests:** Cereal leaf beetle, English grain aphid, Greenbugs, Grasshoppers—use  $1\frac{1}{2}$  pints; for armyworms 2 pints per acre. Apply in sufficient water for good coverage. For grasshoppers make full coverage to hatching areas when nymphs

are young. Repeat as needed. Do not treat barley, oats, rye, wheat within 7 days, corn within 5 days of harvest.

**Soybeans: Mexican bean beetle—**use  $1\frac{1}{2}$ -2 pints per acre. Spray under surface of leaves when beetles appear. Treat soybeans in bloom only when bees are not visiting plants. Repeat as needed. Do not treat soybeans within 3 days of harvest.

**STORED GRAIN—For a residual wall and floor spray:** Clean elevators, bins, trucks, box cars, and ships holds thoroughly. Remove and burn all sweepings and debris. Apply 1 quart of Malathion Spray in 6 gallons of water making thorough application. **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 beetle, rusty grain beetle, lesser grain borer and Indian meal moth—apply 1 pint of Malathion Spray in 2-5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage.

**CAUTION—**Avoid breathing spray mist. Avoid prolonged contact with skin, eyes, and clothing. Wash thoroughly with soap and water after using. Avoid contamination of feed and foodstuffs. Keep out of reach of children. Do not use where milk is stored or processed. Do not spray freshly whitewashed surfaces. Avoid contamination of milk, milk equipment and water.

This product is toxic to fish. Keep out of any body of water. Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in safe place.

**DANGER—**Vapor Harmful. Harmful or fatal if swallowed. If swallowed, induce vomiting. Call physician immediately. Atropine is antidotal.

QUALITY CONTROLLED BY PURINA RESEARCH

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