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U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PESTICIDES REGULATION DIVISION

REGISTRATION NO.

16-19

DATE OF ISSUANCE

August 7, 1964

NAME OF ECONOMIC POISON

EMULSION MALATHION SPRAY CONCENTRATE

**NOTICE OF REGISTRATION UNDER THE FEDERAL
INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT**

IN ANY CORRESPONDENCE ON THIS PRODUCT ALWAYS REFER TO ABOVE
REGISTRATION NUMBER.

NAME AND ADDRESS OF REGISTRANT

J. H. Harris & Company, Inc.
P. O. Box 411
Roanoke, Virginia

On the basis of the information furnished by the registrant, the above named economic poison is hereby registered under Section 4 of the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted for registration is returned herewith.

Claims or directions for use which differ in substance from the representations made in connection with the application or changes in the name or formula of the economic poison covered by this notice should not be made prior to their submission to the Pesticides Regulation Division and receipt of notice that they have been accepted.

Registration of a product is in no way to be construed as an endorsement or approval by this Department of any claims made for it. ~~The labeling must not bear any reference to registration under this Act.~~ In order to protect the public, the Secretary, on his own motion, may at any time cancel the registration of an economic poison and, in lieu thereof, issue a registration under protest, in accordance with Section 4(c) of the Act. *In no event shall registration of an article, whether or not protested, be construed as a defense for the commission of any offense prohibited under Section 3 of the Act.* The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by a trademark held by others.

A request for registration under a new formula or labeling may be submitted at any time.

Enclosure
ctv

J. H. Howard
Head, Registration Section
Pesticides Regulation Division

FRONT PANEL

DRAGON
MALATHION SPRAY CONCENTRATE

CONTAINS: 50% Malathion

CONTROLS: Pests on ornamentals, fruit, vegetables,
and in the household.

Active ingredients	By Wt.
Malathion*.....	50%
Aromatic Petroleum Derivative	
Solvent.....	39%
Inert Ingredients.....	11%

*O,O-dimethyl dithiophosphate of diethyl
mercaptosuccinate

MANUFACTURED BY
J. M. HARRIS & COMPANY, INC.
ROANOKE, VIRGINIA
MAKERS OF BLUE DRAGON

WARNING: KEEP OUT OF REACH OF CHILDREN.

ACCEPTED

AUG 7 1964

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 16-19

BACK PANEL

DRAGON
MALATHION SPRAY CONCENTRATE

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS; AND IN CONFORMITY WITH FEDERAL AND STATE REGULATIONS.

DIRECTIONS FOR USE

ORNAMENTALS (Roses, Camelias, Azaleas, Stocks, Chrysanthemums, Evergreens and Many Other Flowers and Shrubs) - APHIDS: $1\frac{1}{2}$ to 2 teaspoonsful to 1 gal. water. RED SPIDER MITES, SPRUCE MITES, MEALYBUGS, WOOLY APHID, WHITE FLY, THRIPS, TARNISHED PLANT BUG, FOUR-LINED LEAF BUG, BAGWORM, ROSE LEAFHOPPER, JAPANESE BEETLE ADULTS: 1 Tablespoonful per gal. water. SCALE (BLACK SCALE, SOFT BROWN SCALE, OYSTER SHELL SCALE AND CERTAIN OTHERS): $1\frac{1}{2}$ to 2 Tablespoonsful per gal. water.

FRUITS (Apples, pears, Grapes) - APHIDS: $1\frac{1}{2}$ to 2 teaspoonsful to 1 gal. water. RED SPIDER MITES, MEALYBUGS, WOOLLY APHID, WHITE FLY, THRIPS, TARNISHED PLANT BUGS, FOUR-LINED LEAF BUG, GRAPE LEAFHOPPER (CALIFORNIA AND SOUTHWEST ONLY), PEAR PSYLLID, JAPANESE BEETLE ADULTS: 1 Tablespoonful per gal. water. SCALE CRAWLERS: $1\frac{1}{2}$ to 2 Tablespoonsful per gal. water. Dragon Malathion may cause injury to McIntosh and Cortland varieties of apples, to Bocs pears and Ribier grapes.

VEGETABLES (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Beans, Peas, Potatoes) - APHIDS: $1\frac{1}{2}$ to 2 teaspoonsful to 1 gal. water. RED SPIDER MITES, MEALYBUGS, WHITE FLY, THRIPS, TARNISHED PLANT BUG, FOUR-LINED LEAF BUG, BEAN LEAFHOPPER, POTATO LEAFHOPPER, JAPANESE BEETLE ADULTS: 1 Tablespoonful per gal. water. Do not apply to Beans within 1 day of harvest. Do not apply to Broccoli and Peas within 3 days of harvest, and to Brussels Sprouts, Cabbage, Cauliflower or Kale within 7 days of harvest. Use up to harvest on potatoes.

HOUSEHOLD PESTS (Roaches, Ants, Spiders, Mosquitoes, Silverfish, Crickets, Clover Mites, Earwigs): IN AND ABOUT HOMES, DAIRIES, AND FOOD PROCESSING PLANTS - Use 8 tablespoonsful per gal. water. Apply by means of a coarse spray or paint brush to window sills, baseboards, under sinks, drainboards, stoves and to other areas frequented by insects. Do not contaminate food or utensils. Do not use in milk processing rooms. Repeat as necessary. CLOVER MITES AROUND OUTSIDE DWELLINGS AND LAWNS - 2 teaspoonsful per gal. water. Spray lower foundation of house as well as ground, lawns and plants in an area 10 ft. wide along side of house. Repeat as necessary.

BACK PANEL

FLEAS ON DOGS AND CATS: 2 Tablespoonsful per gal. water. Wet thoroughly to penetrate hair. Do not apply more than once weekly. ANIMAL QUARTERS: 10 Tablespoonsful per gal. water. Spray kennels, pens, yards, lawns and under houses, at the rate of 1 gal. diluted spray per 1,000 sq. ft. Remove animals before treatment, putting in fresh bedding after treatment.

BEDBUGS: 3 Tablespoonsful per gallon deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to "mist" the fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Do not contaminate food or utensils.

HOUSEFLIES: AROUND DWELLINGS (OUTSIDE ONLY), OUTBUILDINGS, DAIRY BARNs, CHICKEN HOUSES, STABLES, DOG KENNELS, PATIOS, GARBAGE CONTAINERS - SPRAY APPLICATION: 5 Tablespoonsful to 1 gal. water. 3 to 5 Tablespoonsful cane or dark sugar molasses may increase effectiveness. Spray around house foundations, under porches, along fences, shrubbery and other infested areas. Use 1 gal. diluted spray to 100 sq. ft. area. BAIT APPLICATION: 2 Tablespoonsful to 1 gal. water plus 1 lb. cane or dark sugar or 1 pt. molasses. Apply around foundations and entrances of dwellings, in floor areas, funways, feed rooms in dairy barns and outbuildings, also to walls and other fly-frequented areas. Use sprinkling can or sprayer. Also spray manure piles and other debris or fly breeding areas. DO NOT APPLY THIS DOSAGE TO ANIMALS. Remove calves under one month of age before treating. Do not use in milk processing rooms. Maintain SANITARY CONDITIONS AROUND BARNs, OUTBUILDINGS AND OTHER AREAS TO PREVENT FLY BREEDING.

CAUTION

Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid prolonged or repeated contact with skin; wash hands and skin thoroughly after using. Avoid contamination of feed or foodstuffs. Keep out of reach of children. Malathion is a cholinestrase inhibitor and can cause symptoms similar to those caused by other organic phosphate compounds although much larger exposures are required. If poisoning should occur, CALL A PHYSICIAN IMMEDIATELY. ATROPINE IS ANTIDOTAL. Do not use or store near heat or open flame. Do not use on Boston, Maidenhair and Pteris ferns, and some species of Crassula. When container is empty, immediately wash thoroughly and destroy. Never re-use.

BACK PANEL

NOTICE

This material is sold without warranty as to hazards or results.

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J. M. HARRIS & COMPANY, INC.
ROANOKE, VIRGINIA
MAKERS OF BLUE DRAGON

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