

Reason For Issue: For submission to EPA
in accordance with EPA comments of 9/14/82.
Also name change from Purina Liquid Residual
Livestock Insecticide to Purina Residual
Livestock Insecticide.

Date Issued: 10/11/82

Prev. Date Issued: 4/14/82

Front Panel



PURINA®
Brand

EPA Reg. No. 602-GNR

RESIDUAL LIVESTOCK INSECTICIDE (3-Row Checkerband)®

Livestock Spray, Backrubber, Residual Surface Spray and Larvicide

Emulsifiable Insecticide

Controls HORN FLIES, LICE, and LONE STAR TICKS on BEEF CATTLE
and LICE on SWINE. Aids in control of FACE FLIES.

ACTIVE INGREDIENTS:

2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate 24.0%

Xylene 61.2%

INERT INGREDIENTS 14.8%

100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Side Panel For Additional Caution Statements
FOR AGRICULTURAL USE ONLY

--(Same Min. type size
as "KEEP OUT OF
REACH OF CHILDREN"
statement.)

NET 16 Fl. Oz. (1 Pt.)

D-5452

" 1 Gal.

" 32 Fl. Oz. (1qt)

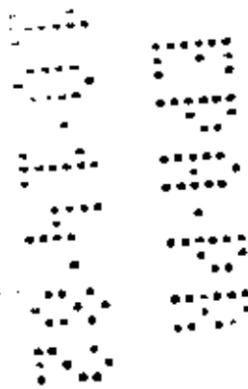
Manufactured By
RALSTON PURINA COMPANY
General Offices
Checkerboard Square
St. Louis, Missouri 63164

ACQUIRED
WITH COMMENTS
in EPA Letter Dated:

OCT 25 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, and the pesticide
registration provisions of the
Federal Insecticide, Fungicide,
and Rodenticide Act, EPA Reg. No.

602-301



PRECAUTIONARY STATEMENTS**HAZARD TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Keep away from heat and open flame. Do not apply in dwellings.

STATEMENT OF PRACTICAL TREATMENT

- If Swallowed: Call a physician or Poison Control Center immediately. Promptly drink a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol.
- If Inhaled: Move to fresh air. Call a physician if indicated.
- If On Skin: Wash thoroughly with soap and water. Rinse thoroughly.
- If In Eyes: Wash with plenty of water for at least 15 minutes and call a physician.

ENVIRONMENTAL HAZARD

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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PURINA® RESIDUAL LIVESTOCK INSECTICIDE is suitable for use in conventional power or low pressure knapsack sprayers and mechanical or pour-on rubbing devices. Follow the DIRECTIONS FOR USE for the proper percent solution needed for a specific insect problem and use. Refer to the DILUTION TABLE for quantity of insecticide needed at the percent solution recommended. There is no withholding period from last application to slaughter.

Animal	Insect	Use	% Solution	Remarks
Beef Cattle	Horn Flies, Face Flies, Lice including Tail Lice	Livestock Spray	0.35%	Apply as coarse spray. Use between 1/2 to 1 gallon of spray per animal depending on size and hair-coat.
	Lone Star Ticks		0.5%	
	Horn Flies, Face Flies	Backrubber	1.0%	Mix with #2 diesel oil or any approved bar- rubber base oil. Keep backrubber charged.
Swine	Lice	Livestock Spray	0.5%	Apply coarse spray using 2 quarts per head to thoroughly wet the animal. Repeat in 2 weeks if required.

DILUTION TABLE

Amount of PURINA® RESIDUAL LIVESTOCK INSECTICIDE	Amount of Water		Amount of Oil (1.0% Solution)
	(0.35% Solution)	(0.5% Solution)	
Pint	10 gallons	6 gallons	3 gallons
Quart	18 gallons	12-1/2 gallons	6 gallons
Gallon	75 gallons	50 gallons	25 gallons

Residual Surface Spray: Mix 1 gallon of PURINA[®] RESIDUAL LIVESTOCK INSECTICIDE in 25 gallons of water (1% concentration) and apply as an over-all application to ceilings and walls of dairy barns, livestocksheds, calf barns, hog barns and other farm buildings. Do not use this product in poultry houses as a residual surface spray. Other areas where flies congregate, such as around garbage dumps and corrals, should be sprayed thoroughly. Repeat applications as fly populations warrant. Extreme infestations may necessitate increasing the dosage to 2 gallons PURINA[®] - RESIDUAL LIVESTOCK INSECTICIDE per 25 gallons of water. Applications should be made to the point of run-off. One gallon of spray should treat 500 to 1000 sq. ft. of surface area.

Larvicide: Mix 1 gallon of PURINA[®] RESIDUAL LIVESTOCK INSECTICIDE with 25 gallons of water (1% concentration) and apply 1 gallon of solution for every 100 square feet of droppings under poultry on wire or in cages, or apply around manure, or garbage. Do not apply to poultry.

Dilution Table

	PURINA [®] 1 gal.	RESIDUAL LIVESTOCK 5 gal.	in Water 25 gal.
Residual Fly Control	6 oz.	26 oz.	1 gal.
Larvicide - Cleanup	6 oz.	26 oz.	1 gal.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other approved state and local procedures.

QUALITY CONTROLLED BY PURINA RESEARCH

EPA Est. No. 602-MO-1

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (71-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	602-301	OCT 25 1961
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	TERM OF ISSUANCE	
	Until Reregistration	
	NAME OF PESTICIDE PRODUCT	
	Purina Liquid Residual Livestock Insecticide	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
Kelston Purina Co. Checkerboard Square St. Louis, MO 63188		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with 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 others.</p> <p>This product is conditionally registered in accordance with FIFRA Sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Add the phrase, "EPA Registration No. 602-301" to your label before you release the product for shipment. 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.</p> <p>A stamped copy of the label is enclosed for your records.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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 [Signature]