

**CAUTION:**

Keep out of reach of children. Do not get in the eyes. Harmful if swallowed. Irritating to the skin. Avoid contact with skin. Wash thoroughly with soap and water after handling. Avoid prolonged breathing of spray mists. Avoid contamination of food, feedstuffs and water supplies. Keep container closed. Keep away from heat and open flame. Combustible. Do not reuse empty container. Destroy it by perforating or crushing it. Bury or discard it in a safe place away from water supplies. Apply this product only as specified on this label.

**NOTE TO PHYSICIAN:**

This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

**USE PRECAUTIONS:**

DO NOT spray sheep and goats within 28 days of slaughter. DO NOT spray beef cattle with 3/4% Ronnel within 14 days of slaughter. DO NOT spray beef cattle with 1/2% Ronnel within 7 days of slaughter. Beef cattle may be sprayed with 1/4% Ronnel anytime prior to slaughter. Backrubber may be used anytime on beef or dairy cattle. DO NOT use spray on animals producing milk for human consumption. Dairy cows should be treated early in their dry period. DO NOT spray dairy animals with 3/4% Ronnel for 14 days prior to freshening. If dairy cows or heifers freshen within 14 days of the last spray treatment, milk must not be used for food for the required 14 days after the last spray treatment with 3/4% Ronnel. DO NOT spray dairy animals with 1/4% or 1/2% Ronnel for 7 days prior to freshening. If dairy cows or heifers freshen within 7 days of the last spray treatment, milk must not be used for food for the required 7 days after the last spray treatment with 1/4% or 1/2% Ronnel. Remove lactating dairy animals from buildings while applying residual fly sprays. DO NOT allow insecticide to come in contact with food, feed or water supplies. 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.

**WARNING:**

Ronnel is a cholinesterase inhibitor. DO NOT use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase-inhibiting drugs, pesticides or chemicals. Treatment with excessive dosages of organophosphates may lead to the general symptoms of muscular weakness, diarrhea, and excessive salivation. At the first sign of adverse reaction, consult a veterinarian. Atropine is an antidote.

**NOTICE:**

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.



# RONNEL 2E



**ACTIVE INGREDIENTS:**

- \*Ronnel (0,0-Dimethyl 0-2,4,5- Trichlorophenyl Phosphorothioate +) ..... 24%
- Aromatic petroleum derivative solvent ..... 61%

**INERT INGREDIENTS: ..... 15%**  
**TOTAL ..... 100%**

\*Trademark of the Dow Chemical Company.  
 †From technical grade; not suitable for abroad or internal use in animals (contains 2.0 pounds Ronnel per gallon)

**CAUTION**  
**KEEP OUT OF**  
**REACH OF CHILDREN**

Manufactured By  
**GOOD-LIFE CHEMICALS, INC.®**  
 Good-Life Drive - P.O. Box 687  
 EFFINGHAM, ILLINOIS 62401

READ COMPLETE PRECAUTIONS ON SIDE PANELS.  
 EPA REG. NO. 4931-132

CONTROL NO. NET CONTENTS 1 GAL.

**ACCEPTED**

APR 26 1973

UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POISON REGISTERED  
 UNDER NO. 4931-132 SUBJECT  
 TO ATTACHED COMMENTS.

## CAUTION-COMBUSTIBLE MIXTURE

WATER EMULSIFIABLE BACKRUBBER RECOMMENDATIONS OIL SOLUBLE

PROBLEM	Amount Ronnel 2E for				REMARKS
	1 gal	2 1/2 gal	5 gal	10 gal	
<b>LIVESTOCK INSECTS</b>					
Cattle and Calves	1/4	1/2	1/2	1/2	
Sheep, Goats, Lambs and Kids	1/4	1/2	1/2	1/2	
Horses, Ponies and Foals	1/4	1/2	1/2	1/2	
Pigs	1/4	1/2	1/2	1/2	
Dogs	1/4	1/2	1/2	1/2	
Cats	1/4	1/2	1/2	1/2	
Birds	1/4	1/2	1/2	1/2	
Small Mammals	1/4	1/2	1/2	1/2	
Wildlife	1/4	1/2	1/2	1/2	
<b>RESIDUAL FLY SPRAY</b> - A fly spray which controls house flies, stable flies, and horn flies for 4 to 6 weeks.	1/4	1/2	1/2	1/2	
<b>Animal Buildings</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>Meat, poultry, and other food processing plants</b> - Slaughterhouses, packing plants, and processing plants.	1/4	1/2	1/2	1/2	
<b>Restaurants and supermarkets</b> - Dining rooms, buffets, and delicatessens.	1/4	1/2	1/2	1/2	
<b>Buildings</b> - Outside areas including porches, patios, and garages.	1/4	1/2	1/2	1/2	
<b>Crop Areas</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>FLY BAIT</b> - A fly bait which controls house flies, stable flies, and horn flies for 4 to 6 weeks.	1/4	1/2	1/2	1/2	
<b>DARKLING BEETLES</b> - Poultry houses.	1/4	1/2	1/2	1/2	
<b>COCKROACH CONTROL</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>Food Processing Plants</b> - Slaughterhouses, packing plants, and processing plants.	1/4	1/2	1/2	1/2	
<b>Meat Packing and Poultry Processing Plants</b> - Slaughterhouses, packing plants, and processing plants.	1/4	1/2	1/2	1/2	
<b>MISCELLANEOUS INSECTS</b> - Fleas and spiders.	1/4	1/2	1/2	1/2	
<b>Bedbugs</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>Fleas</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>Ants, crickets, mosquitoes and silverfish</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	
<b>Crack Bugs</b> - Poultry houses, swine sheds, and dog kennels.	1/4	1/2	1/2	1/2	

4-1M-73



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READ COMPLETE PRECAUTIONS ON SIDE PANELS.

EPA REG. NO. 4931-132

CONTROL NO.

NET CONTENTS 1 GAL.

**ACCEPTED**

## CAUTION—COMBUSTIBLE MIXTURE

WATER EMULSIFIABLE BACKRUBBER RECOMMENDATIONS OIL SOLUBLE

Cattle Backrubber For hornflies. Aids in the control of lice if used continuously. Aids in the control of face flies if backrubber is placed so animals can rub face. Place where animals regularly travel or congregate.  
 Mix 1 gallon Ronnel 2E with 27 gallons diesel or mineral oil. Saturate fibre. Recheck as necessary. Do not mix with used motor oil.

### SPRAY RECOMMENDATIONS

PROBLEM	Ronnel (%)	Amount Ronnel 2E for			REMARKS
		1 gal	25 gal	100 gal	
<b>LIVESTOCK INSECTS</b>					
Cattle and Calves					
Hornflies, ear-mites and screwworms	1 1/2%	2 1/2 oz	2 qt	2 gal	Dilute with water only. Spray entire animal to wet thoroughly. Retreat as necessary but not more often than every 2 weeks.
Lice	1 1/4%	1 1/2 oz	1 qt	1 gal	
Long Star and Winter Ticks	1 1/2%	4 oz	3 qt	3 gal	
Sheep, Goats, Lambs and Kids					
Hornflies, screwworms and lice	1 1/2%	2 1/2 oz	2 qt	2 gal	For ear ticks, spray ears and surrounding area thoroughly.
Lice and sheep heads	1 1/4%	1 1/2 oz	1 qt	1 gal	
Hogs: Lice	1 1/4%	1 1/2 oz	1 qt	1 gal	
<b>RESIDUAL FLY SPRAY</b> —A 1 1/2% spray will give about 2 weeks control. A 1% spray will give 4-6 weeks control.					Spray walls, ceilings, partitions to obtain complete coverage with no runoff. Use 1 gallon of diluted spray per 500-1000 sq ft.
Buildings—Poultry houses, livestock shelters, milk rooms, dairy and hog barns	1 1/2% or 1%	2 1/2 oz or 5 1/2 oz	2 qt or 1 gal	2 gal or 4 gal	Add 3 ounces of sugar per gallon for added effectiveness. To prevent contamination keep milk and milking equipment covered while spraying. Do not spray directly on birds.
Meat, poultry, and other food processing plants, refuse areas and coolers	1%	5 1/2 oz	1 gal	4 gal	Do not apply in the edible product areas of food processing plants.
Restaurants, and supermarkets (Outside area)	1 1/2% or 1%	2 1/2 oz or 5 1/2 oz	2 qt or 1 gal	2 gal or 4 gal	Spray outside walls, receiving docks, doorways and refuse areas.
Dwellings—Outside areas including porches, patios, and garages	1 1/2% or 1%	2 1/2 oz or 5 1/2 oz	2 qt or 1 gal	2 gal or 4 gal	Spray to point of runoff.
Caged layers—on wire	2%	10 1/2 oz	2 gal	8 gal	Spray poultry droppings beneath cages.
<b>FLY BAIT</b> —Where flies congregate floors, windows, and doorways.	2%	10 1/2 oz	2 gal	8 gal	Add 3 ounces of sugar per gallon diluted spray. Spray or sprinkle at 1 to 2 day intervals until control is obtained. Do not use in food handling or food processing areas.
<b>DARKLING BEETLES</b> in poultry houses.	1 1/2%	2 1/2 oz	2 qt	2 gal	Spray floors, footings, and lower 2 ft of inside walls of poultry houses. Use 2 gal of spray per 100 sq ft of area. Allow spray to dry before birds are placed on litter. Retreat as necessary but remove birds from area until spray is dry.
<b>COCKROACH CONTROL</b> Buildings, Dwellings, restaurants and food handling establishments.	2%	10 1/2 oz	2 gal	8 gal	Apply as a spot spray to all areas frequented by cockroaches. Do not use in edible product areas or serving areas while food is exposed.
Food Processing Plants	2%	10 1/2 oz	2 gal	8 gal	Do not apply in the edible product areas of food processing plants.
Meat Packing and Poultry Processing Plants	2%	10 1/2 oz	2 gal	8 gal	
<b>MISCELLANEOUS INSECTS</b> —fleas and spiders in buildings, laundry trucks, and dog kennels.	1%	5 1/2 oz	1 gal	4 gal	Apply 1 gallon of dilute spray per 1000 sq ft. Spray floors, walls, cracks, crevices, sleeping quarters of pets, etc. where insects breed or harbor. Do not use in food handling or food processing areas.
Bedbugs in buildings and sleeping quarters, on beds and bedding	1%	5 1/2 oz	1 gal	4 gal	Spray mattress and bedding lightly including seams and folds, cracks and crevices in bed frames, walls, baseboards, and floors. Allow bedding and mattress to dry before using.
Fleas on seams and kennel runs	2%	10 1/2 oz	2 gal	8 gal	Spray infested areas. Keep children off treated area until spray has dried.
Ants, crickets, mosquitoes and silverfish	2%	10 1/2 oz	2 gal	8 gal	Spray directly on insects where possible. Spray surfaces where insects might breed or congregate such as under sinks and drainboards, in cabinets, and around baseboards, door frames and frames, window frames, garages, and outbuildings. Retreat as necessary.
Chinch Bugs	2%	10 1/2 oz	2 gal	8 gal	Apply with a garden hose or treat with 1 gallon of water. Dilute with water only. Use 1/2 gallon diluted spray per 100 sq ft. For thick turf, repeat in two weeks if necessary.

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