

# Ravap E.C.

Livestock,  
Poultry  
& Premise  
Insecticide  
Spray

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE ONLY.  
NOT FOR SALE FOR ANY OTHER USES.

Contains RABON® and WAPONA® Insecticides

Active Ingredients	By Weight
Tetrachlorvinphos (CAS# 22248-79-9)	23.0% *
Dichlorvos (CAS# 62-73-7)	5.3% **
Related Compounds	0.4% **
Other Ingredients	71.3% ***
<b>Total</b>	<b>100.0%</b>

\* RABON Insecticide  
\*\* Equivalent to 5.7%  
WAPONA Insecticide

\*\*\* Other ingredients  
include Xylene

This product contains the toxic  
insect ingredient phosmet.

 **Boehringer  
Ingelheim**



Keep Out of Reach of Children  
**DANGER**

See back panel for additional  
precautionary statements

### Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

### Physical and Chemical Hazards

Combustible. Do not use, pour, spill or store near heat or open flame. Do not use with thermal foggers or heat-generating devices.

### Notice of Warranty

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Boehringer Ingelheim Vetmedica, Inc.  
St. Joseph, Missouri 64506-2002 USA  
(800) 821-7487

EPA Reg. No. 4801-136  
EPA Est. No. 67517-M0-1  
657508L-02-0204

PEEL ALONG DOTTED LINE

### Livestock Use Directions: Do not make direct application to livestock more frequently than once per day.

Use	Insect	Dilution • Ravap in Water	Remarks
Livestock Spray (Beef Cattle)	Horn Flies, Lice, including Tail Lice, and aids in control of Face Flies	1 gal. in 75 gal. or 5 oz. in 3 gal.	Dilute in water as indicated and spray directly on the animal only to the point of runoff. Use between 1/2 to 1 gallon of diluted spray solution per animal depending on size and hair coat. Do not treat more often than every 10 days. Do not apply to calves under six months of age. Brahman and Brahman-cross cattle should not be treated as they may show hypersensitivity to organophosphate pesticides. Do not apply in combination with other dermal organophosphate pesticides (e.g. trichlorfon). There is no withholding period from last application to slaughter.
	Horn Flies, Lone Star Ticks	1 gal. in 200 gal. or 2 oz. in 3 gal.	Apply as above. For severe tick infestations, dilution may be increased to 1 gallon in 50 gallons water.
Livestock Spray (Lactating Dairy Cattle)	Horn Flies, Lice, Lone Star Ticks, and aids in control of Face Flies	1 gal. in 200 gal. or 2 oz. in 3 gal.	Dilute in water as indicated. Direct spray to cover thoroughly with up to 1/2 gallon of the dilution per animal. Repeat as necessary. Do not apply to calves under six months of age. No milk discard is required. Care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dried before milking. Apply the spray at least 20 minutes prior to milking or after milking has been completed.

### Backrubber Use Directions

Use	Insect	Dilution • Ravap in Oil	Remarks
Backrubber or FaceRubber (Beef and Dairy Cattle)	Horn Flies, and aids in control of Face Flies	1 gal. in 25 gal. or 5 oz. in 1 gal.	Mix with any approved backrubber base oil. Pour diluted solution into oil reservoir of mechanical rubbing devices or pour one gallon per 20 linear feet on burlap or rope backrubbers. Keep backrubber or face rubber charged.

### Poultry Use Directions

Use	Insect	Dilution • Ravap in Water	Remarks
Caged Chickens	Lice & Mites	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1 gal. of dilution/100 birds under high pressure (no less than 100-125 psi) to the vent and fluff areas from below. Repeat when necessary; however, not more often than every 14 days. For individual bird treatment, apply 1 ounce of dilution per bird.
Chickens on Litter	Lice & Mites	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1-2 gal. of dilution/1000 sq. ft. evenly with penetration of litter surface. Also apply thoroughly to walls, roasts, cracks and crevices. Spray birds as above. Treat roosters carefully to avoid reinfestation of breeding flocks.
Roost Paint	Lice & Mites	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 pt. of dilution/100 ft. of roost area with brush or spray.

### Poultry Use Directions (continued)

Use	Insect	Dilution • Ravap in Water	Remarks
Poultry Buildings	Fowl Tick (Blue Bug)	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gal. of dilution/100-150 sq. ft. to thoroughly cover walls, ceilings, floors, cracks and crevices using high pressure spray.

### Premise Use Directions for Poultry and Livestock Facilities

Use	Insect	Dilution • Ravap in Water	Remarks
Residual Surface Spray	Flies, Gnats, Litter Beetles, Mosquitoes, Spiders, Wasps	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gallon of dilution/500-1000 sq. ft. Thoroughly cover walls, ceilings or other areas where pests rest or congregate in dairy barns, horse barns, poultry houses, swine buildings, livestock sheds and other farm buildings. Extreme infestations may necessitate increasing the diluted spray to one gallon per 12-1/2 gal. or 10 oz. per 1 gal. of water.
Larvicide	Maggots (By larvae)	1 gal. in 25 gal. or 5 oz. in 1 gal.	Apply 1 gal. of dilution/100 sq. ft. of droppings as a coarse spray. Repeat at 7-10 day intervals until droppings begin to come up, then treat only "hot spots" (small areas found to have large number of maggots). Do not spray manure where runoff to soil or water can occur. Do not spray animals directly with this concentration.

**ACCEPTED**  
JUN 20 2002  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, by the pesticide  
registrars under  
EPA Reg. No. 4691-136

**Kennel Use Directions**

Use	Insect	Dilution - Ravep In Water	Remarks
Residual Surface Spray - Kennels	Ticks, Fleas	1 gal. in 50 gal. or 5 oz. in 2 gal.	Apply 1 gal. of dilution/500-1000 sq. ft. Thoroughly treat infested kennel and outside runways.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

**Danger**  
Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes (including animals), on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**Personal Protective Equipment (PPE)**

Applicators and handlers must wear:

- 1) Goggles or face shield
- 2) Long-sleeved shirt and long pants
- 3) Chemical-resistant gloves
- 4) Shoes and socks

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**First Aid**

If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**HOT LINE NUMBER**

Contains an organophosphate that inhibits cholinesterase.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-821-7457 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

This product is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Product may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

**Directions for Use - Read the entire label prior to use.**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For Agricultural/Commercial Use Only. This product is suitable for use in conventional power or low pressure backpack sprayers and in livestock backrubbers. Follow the Use Directions for the proper dilution needed for specific insect control.

**Application Restrictions**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not enter or allow others to enter the treated areas until sprays have dried. Must be diluted with water except for backrubber use.

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.  
Pesticide Storage - Store in original container only. Store at temperature above 32° F. Container. Do not use, pour, spill or store near heat or open flame. Do not store diluted product.

Pesticide Disposal - Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal - Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and local procedures.

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