DESCRIPTION:
OPtimizer is a molded plastic cattle ear tag containing diazinon, a highly active organophosphate insecticide. OPtimizer is not affected by pyrethroid resistance in horn flies. It has a bright orange color for easy visibility. Its net weight of 0.53 oz. (15 grams) assures long-lasting activity. All inert ingredients contained in OPtimizer are non-toxic.

EFFECTIVENESS:
Controls horn flies, including pyrethroid-resistant horn flies, up to 5 months. Controls lice, Gulf Coast ticks and spinose ear ticks. Aids in control of face flies.

PACKAGING:
OPtimizer is available in packages of 20 tags and in Ranch Packs of 100 tags (5 pouches of 20 tags each). Each tag includes a male button for attachment.

PRODUCT ADVANTAGES:
1. Approved for use on beef cattle and non-lactating dairy cattle.
2. Controls ectoparasites which cause major economic losses.
3. Reduces need for frequent spray treatments.
4. May be used in winter for lice control.
5. Requires no withdrawal time.
6. Has Y-TEX Snap-Lok® collar for guaranteed retention against tag or button failure for 5 months.
7. Uses the proven Y-TEX two-piece application system.
8. Ideal for rotation programs with PYthon® MAGNUM™, PYthon® or other pyrethroid tags to help manage horn fly resistance.

ACTIVE INGREDIENTS:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diazinon 0,0-diethyl-0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate</td>
<td>21.0%</td>
</tr>
<tr>
<td>OTHER INGREDIENTS</td>
<td>79.0%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>100.0%</td>
</tr>
</tbody>
</table>
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Reformulation or repackaging of this product is prohibited. This labeling must be in the possession of the user at the time of pesticide application.

**Summer Season:** For optimum control of horn flies, lice, Gulf Coast ticks, spinose ear ticks, and to aid in the control of face flies, attach two ear tags per animal (one in each ear) in May to June or when flies become a problem in the spring. Provides up to five month’s control of horn flies, problem in the spring. Provides up to May to June or when flies become a problem in the spring. Provides up to 10 months of control of horn flies, lice, Gulf Coast ticks, spinose ear ticks, and to aid in the control of face flies, attach two ear tags per animal (one in each ear) in May to June or when flies become a problem in the spring.

**Winter Season:** To control lice during Winter Season:

- **Apply new tags in spring for fly and tick control.** Replace as necessary.
- **Apply as shown with the Y-TEX 2-piece tagging system.**
- **All animals in the herd should be tagged.**
- **Calves less than 3 months of age should not be tagged.**
- **Tagging system.**
- **Apply new tags in spring for fly and tick control.**
- **Replace as necessary.**
- **Apply as shown with the Y-TEX 2-piece tagging system.**
- **All animals in the herd should be tagged.**
- **Calves less than 3 months of age should not be tagged.**
- **Tagging system.**

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a cool place away from direct sunlight. Opened bags containing ear tags should be resealed for storage.

**PESTICIDE DISPOSAL:** Remove tags before slaughter. Securely wrap used tags in a plastic bag or several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

**KEEP OUT OF REACH OF CHILDREN**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

- **Harmful if swallowed.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils) when applying tags.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:
- long sleeved shirt and long pants
- shoes and socks
- chemical-resistant gloves made of rubber or any waterproof material (thickness equal to or greater than 14 mils)

**USER SAFETY REQUIREMENTS**

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

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to birds, fish, and other wildlife. Do not apply directly to water. Do not contaminate water by disposal of used tags. Use this product only as specified on the label.

**FIRST AID**

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.

- **If on skin:** Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- **If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- **If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-255-3924 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Diazinon is an organophosphate insecticide. 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.

**NOTICE OF WARRANTY**

To the extent consistent with applicable law, Y-TEX CORPORATION MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on the label, and in any case, is limited to replacement of tags only.

**Also Available from Y-TEX Corporation:**

- **FOR CATTLE, INCLUDING CALVES:**
  - PYthon® Magnum™
  - WARRIOR™
  - PYthon®, GardStar® plus and XP 820®
  - Insecticide Cattle Ear Tags
- **FOR CATTLE, SWINE AND SHEEP:**
  - All-American®, SwineStar®, Multi-Star™ and SheepStar™
  - Two-Piece Identification Tags
  - E-Z-AP™ and FEEDLOT™
  - One-Piece Identification Tags
- **Y-TEX RFID Tags**
  - Radio Frequency Identification Tags
  - UltraTagger® plus and PowerTagger™ Applicators
- **FOR LIVESTOCK AND PREMISES:**
  - Brute® Pour-on for Cattle
  - SwineGuard® Pour-on for Swine
  - GardStar® 40% EC Livestock and Premise Insecticide
  - PYthon® Dust
  - Livestock Insecticide
  - GardStar® Garden & Poultry Dust
- **FOR HORSES:**
  - Tuttles® Horse Care Products

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