DEWORMING MADE EASY
Effective full-season pasture deworming.

- Deworm based on the worm life cycle throughout the season. This lowers the worm burden in your cattle and on the pasture.
- A treatment before spring turnout with drench or paste eliminates existing worm burdens and prevents worm egg shedding back onto pastures.
- Another four to six weeks later on pasture with blocks, minerals, liquid or other Safe-Guard feed products dramatically reduces pasture reinfection, improving cattle health and performance throughout the grazing season.
- Multiple Safe-Guard feed formulations enable you to conveniently treat your cattle on pasture, when the timing is right.

These options make Safe-Guard dewormer ideal for cow/calf and stocker operators.

Consult your local veterinarian for assistance in the diagnosis, treatment and control of parasitism.

Merck Animal Health
Merck-animalhealth.com 800.521.5767

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SAFE-GUARD/PANACUR (fenbendazole)
Beef and Dairy Cattle Dewormer

1 gallon (3.80 L) Suspension 10% (100 mg/mL)

Recommended Use:
- Cattle must not be slaughtered for human consumption within 4 days following treatment.
- Do not use at 10 mg/kg in dairy cattle. Dose rate of 10 mg/kg is for beef cattle only. Dose rate of 10 mg/kg in dairy cattle could result in anacrotic residues in milk.
- A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

CAUTION:
- Federal law restricts this drug to use by or on the order of a licensed veterinarian.
- Keep out of the reach of children.

DOSAGE:
- Beef and Dairy Cattle – 5 mg/kg (3.9 mg/lb) for the removal and control of:
  - Oxyuris (Oxyuriasis) stomach worm
  - Strongyloides (Strongyloides stercoralis)
  - Haemonchus (bloodworm)
  - Cooperia punctata and Cooperia oncophora (small intestinal worms)
  - Nematodirus galli (gizzard worm)
  - Deadenduum radicatum (rootworm)

Beef Cattle Only – 10 mg/kg (6.3 mg/lb) for the removal and control of:
  - Ostertagia (Ostertagiasis)
  - Strongyloides (Strongyloides stercoralis)

DIRECTIONS:
- Determine the proper dose according to estimated body weight. Administration must be in beef and dairy cattle, the recommended dose of 5 mg/kg is achieved when 2.1 mL of the drug is given for each 200 lbs of body weight. In beef cattle only, the recommended dosage of 10 mg/kg for treatment of Ostertagiasis Type II (inhibited 4th stage larvae) or tapeworm is achieved when 4.4 mL of the drug is given for each 100 lbs of body weight.

EXAMPLES:

<table>
<thead>
<tr>
<th>Dose (5 mg/kg)</th>
<th>Dose (10 mg/kg)</th>
<th>Cattle Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3 mL</td>
<td>4.6 mL</td>
<td>100 lbs</td>
</tr>
<tr>
<td>4.6 mL</td>
<td>9.2 mL</td>
<td>200 lbs</td>
</tr>
<tr>
<td>9.3 mL</td>
<td>18.4 mL</td>
<td>400 lbs</td>
</tr>
<tr>
<td>11.5 mL</td>
<td>23.0 mL</td>
<td>500 lbs</td>
</tr>
<tr>
<td>23.0 mL</td>
<td>46.0 mL</td>
<td>1000 lbs</td>
</tr>
</tbody>
</table>

Under conditions of combined exposure to parasites, retreatment may be needed after 4–6 weeks. There are no known contraindications to the use of the drug in cattle for dairy cattle there is no milk withdrawal period at 5 mg/kg.

Distributed by:
Intervet Inc., 14 Bliven Rd, Delmar, NY 12054

Approved by FDA

HARDER ON WORMS
Complete parasite control means healthier cattle and ultimately more profit for producers.

Safe-Guard™/Panacur® works fast, removing internal parasite infection.

- Sub-clinical disease from internal parasites costs $190 per animal, according to a recent study from Iowa State.
- In feedlot cattle, internal parasites have been shown to reduce intake, decrease weight gain, decrease carcass value and increase morbidity.
- Research shows parasitized cattle can't effectively respond to vaccination programs.
- Applied straight to the gut, Safe-Guard/Panacur (fenbendazole) rapidly stops the damage parasites cause.
Adult Complete parasite control means healthier cattle and ultimately more profit for producers.

In three out of four large-scale feedlot trials, with 10,381 animals, Safe-Guard® oral drench in combination with an Ivomec pour-on or injectable shows a clear advantage in dry matter intake, feedlot gain, improved health and pounds of beef produced.

FEWER WORMS, HEALTHIER CATTLE, HIGHER PROFITABILITY

Use a dewormer that controls all the major parasites, not just some of them. Use Safe-Guard/Panacur.

In two large-scale feedlot studies that examined the effect of Dectomax Injectable, Cydectin Injectable and Cydectin Pour-On alone and in combination with Synanthic, “no statistically significant differences among treatments were seen.” Synanthic failed to show improved performance in the feedlot or economic value in the packing plant.

Investing between $1.50 to $1.80 per head in a Safe-Guard oral drench dose has, on average, created $17.18 of additional value—resulting in an ROI of 10:1 over average 160-day feeding period.

Safe-Guard + Ivomec Injectable vs. Cydectin Injectable

<table>
<thead>
<tr>
<th>Initial weight, lbs</th>
<th>SG + IVPO</th>
<th>CYDINJ</th>
<th>P-value</th>
<th>Value created with SG + IVPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRY MATTER INTAKE</td>
<td>0.14</td>
<td>0.01</td>
<td>$19.62</td>
<td></td>
</tr>
<tr>
<td>ADG, lbs</td>
<td>0.06</td>
<td>0.06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MORTALITY, %</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOT CARCASS WT, lbs</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Safe-Guard + Ivomec PO vs. Dectomax Injectable

<table>
<thead>
<tr>
<th>Initial weight, lbs</th>
<th>SG+IVPO</th>
<th>DEXINJ</th>
<th>P-value</th>
<th>Value created with SG + IVPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRY MATTER INTAKE</td>
<td>0.39</td>
<td>0.39</td>
<td>$9.01</td>
<td></td>
</tr>
<tr>
<td>ADG, lbs</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MORTALITY, %</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOT CARCASS WT, lbs</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Safe-Guard + Ivomec PO vs. Ivomec PO

<table>
<thead>
<tr>
<th>Initial weight, lbs</th>
<th>SG+IVPO</th>
<th>IVPO</th>
<th>P-value</th>
<th>Value created with SG + IVPO</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRY MATTER INTAKE</td>
<td>0.39</td>
<td>0.39</td>
<td>$4.20</td>
<td></td>
</tr>
<tr>
<td>ADG, lbs</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MORTALITY, %</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOT CARCASS WT, lbs</td>
<td>0.01</td>
<td>0.01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Synanthic Doesn’t**

In two large-scale feedlot studies that examined the effect of Dectomax Injectable, Cydectin Injectable and Cydectin Pour-On alone and in combination with Synanthic, “no statistically significant differences among treatments were seen.” Synanthic failed to show improved performance in the feedlot or economic value in the packing plant.

**At 10 mg/kg dosage, Panacur label only. Do not use at the rate of 10 mg/kg in Dairy Cattle**

**Synanthic FOA Summary of Pivotal Studies**

**Refer to Synanthic FOA Label**

**Safe-Guard/Panacur Delivers Proven Control**

**Compare the Control**

Use a dewormer that controls all the major parasites, not just some of them. Use Safe-Guard/Panacur.

<table>
<thead>
<tr>
<th>Brown Stomach</th>
<th>Bankrupt</th>
<th>Threadnecked</th>
<th>Barberpole</th>
<th>Small Stomach</th>
<th>Hookworm</th>
<th>Nodular</th>
<th>Small intestine</th>
<th>Lungworm</th>
<th>Tapeworm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
<td>Controlled</td>
</tr>
</tbody>
</table>

**By missing Threadnecked and Bankrupt worms entirely as well as several immature fourth stage larvae (L4), Synanthic leaves holes in your protection.**

Safe-Guard/Panacur provides complete control.

**References**

1. Brown Stomach (*Ostertagia ostertagi*)
2. Bankrupt (*Trichostrongylus colubriformis*)
3. Threadnecked (*Nematodirus helvetianus*)
4. Barberpole (*Haemonchus spp.*)
5. Small Stomach (*Trichostrongylus axei*)
6. Hookworm (*Bunostomum phlebotomum*)
7. Nodular (*Oesophagostomum radiatum*)
8. Small Intestine (*Cooperia punctata, Cooperia oncophora*)
9. Lungworm (*Dictyocaulus viviparus*)
10. Tapeworm (*Moniezia benedeni*)

**Type II Ostertagiasis**

**Inhibited L4**

24% – 83.5%

**++ Refer to Synanthic FDA Label**