Layers

Confidence raised.

- Bioprotection
- Intestinal Integrity
- Nutritional Health
- Vaccines
Confidence raised.

Protect your birds. Protect your business. Elanco’s products, services and expertise help you be confident of continued success in the ever-changing poultry industry. Having confidence in the future allows you to focus on managing and growing your operation today.

**Agita®10 WG**
Find fast. Kill quick.

**WHEN TO USE AGITA**
Utilize as a spot-spray application in and around the outside perimeter of animal housing to control house flies.

**WHY USE AGITA**
- A second-generation neonicotinoid means a new option in poultry for rotation with other insecticide classes
- A lethal dose of thiamethoxam and tricosene to house flies
- A combination of contact and stomach modes of action
- Dual attractants for male and female house flies

**Neporex®**
Highly effective larvicide delivers proactive fly control

**WHEN TO USE NEPOREX**
Scatter or spray Neporex, a water-soluble granule, on wet manure to control nuisance flies at the larval stage.

**WHY USE NEPOREX**
- Minimized risk of fly-borne parasite infestation
- Improved animal well-being with fewer flies, allowing for healthier, more productive birds
- Reduced fly nuisance to birds

**Elector® PSP**
Unique, dual mode of action works on adult and larval house flies

**WHEN TO USE ELECTOR PSP**
Use Elector PSP spray in poultry premises for effective control of northern fowl mites, house flies (adults and larvae), stable flies and darkling beetles.

**WHY USE ELECTOR PSP**
- As a member of the spinosyn class, it provides another ideal choice for premise spray in rotation programs
- Effective control of northern fowl mites infesting layers
- No protective equipment needed; poultry and/or eggs may be present during treatment
- No cross-resistance with pyrethroids, carbamates or organophosphates

**Larvadex®**
Easy, convenient and effective in-feed larvicide

**WHEN TO USE LARVADEX**
Add Larvadex 1% Premix to your feed to eliminate maggots that are developing in manure for up to 5 weeks.

**WHY USE LARVADEX**
- Gets rid of more flies with less work
- Requires fewer treatments, saving on labor costs
- Makes for a clean, healthy environment for your flock
**Intestinal Integrity**

**Coban®**  
Consistent, proven coccidiosis prevention

**WHEN TO USE COBAN**  
Use Coban as an aid in the prevention of coccidiosis caused by *Eimeria necatrix, E. tenella, E. acervulina, E. brunetti, E. mivati* and *E. maxima*.

**WHY USE COBAN**  
- By preventing coccidiosis in layers and pullets, Coban helps protect intestinal integrity, which is the optimal functionality of the intestinal tract.

**RESPIRATORY – INACTIVATED**

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>LIST NO</th>
<th>CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>AviPro 101 Coryza Gold</td>
<td>7821</td>
<td></td>
</tr>
<tr>
<td>AviPro 104 MG Bacterin</td>
<td>1825</td>
<td></td>
</tr>
<tr>
<td>AviPro 108 FC3 Platinum</td>
<td>8816-H</td>
<td></td>
</tr>
<tr>
<td>AviPro 304 ND-IB-MG</td>
<td>1831</td>
<td></td>
</tr>
</tbody>
</table>

**Nutritional Health**

**Hemicell®**  
The energy-sparing enzyme

**WHEN TO USE HEMICELL**  
Use Hemicell, a feed additive enzyme, in poultry feeds containing feed ingredients with 12% or more of β-mannans (e.g., soybean meal, rapeseed, sunflower, etc.).

**WHY USE HEMICELL**  
- A unique, patented health enzyme that breaks down β-mannans found in feed, ultimately reducing gut inflammation
- Spares more energy for performance
- In trials, birds fed Hemicell demonstrated increases in egg weight, eggs produced and post-molt egg production

**IMMUNOSUPPRESSION – INACTIVATED**

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>LIST NO</th>
<th>CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>AviPro 106 Reo</td>
<td>7805</td>
<td></td>
</tr>
<tr>
<td>AviPro 442 ND-IB2-BTO2-Reo</td>
<td>7832</td>
<td></td>
</tr>
</tbody>
</table>

**IMMUNOSUPPRESSION – LIVE**

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>LIST NO</th>
<th>CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>AviPro Vibursa CE</td>
<td>1488-K</td>
<td></td>
</tr>
</tbody>
</table>

**Vaccines**

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>LIST NO</th>
<th>CAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>AviPro 109 SE4 Conc</td>
<td>8809-H</td>
<td></td>
</tr>
<tr>
<td>AviPro 329 ND-IB2-SE4 Conc</td>
<td>8811-H</td>
<td></td>
</tr>
<tr>
<td>AviPro Megan Egg</td>
<td>5200-D</td>
<td></td>
</tr>
<tr>
<td>AviPro Megan Vac 1</td>
<td>5000-J, 5000-K</td>
<td></td>
</tr>
<tr>
<td>AviPro IB Ark</td>
<td>6818-K</td>
<td></td>
</tr>
<tr>
<td>AviPro LT</td>
<td>1702-G</td>
<td></td>
</tr>
<tr>
<td>AviPro MG F</td>
<td>6820-G</td>
<td></td>
</tr>
<tr>
<td>AviPro ND-IB Sohol</td>
<td>1254-D, 1255-K</td>
<td></td>
</tr>
<tr>
<td>AviPro ND-IB Polybanco</td>
<td>1537-K, 1538-D</td>
<td></td>
</tr>
<tr>
<td>AviPro Reo S1133 and 1733</td>
<td>7805</td>
<td></td>
</tr>
<tr>
<td>AviPro ND-IB2-BTO2-Reo</td>
<td>7832</td>
<td></td>
</tr>
</tbody>
</table>

Letter codes for dose sizes: A-10; B-50; C-100; D-2,500; E-400; F-500; G-1,000; H-2,000; I-3,000; J-5,000; K-10,000; L-20,000; M-15,000
**USAGE INFORMATION**

The labels contain complete use information, including cautions and warnings. Always read, understand and follow the label and use directions.

**Agita 10 WG**

- Agita 10 WG should be applied only in locations not accessible to children, pets, domestic animals or wildlife.
- Product should be protected from direct sunlight, water and rainfall.
- Do not apply Agita 10 WG where animals can lick the product.
- For spray application, Agita 10 WG should not be applied to dirty, highly porous, newly whitewashed walls, metal or glass surfaces.
- Do not apply directly to livestock or livestock feed.
- Always wear protective eyewear, chemical-resistant gloves and full-coverage shirt and pants during application.
- Animals cannot be present at time of premise treatment.

**Mixing and applying Agita 10 WG**

- Agita 10 WG is a dust-free, water-soluble granular formulation for the control of house flies in and around the outside perimeter of animal housing.
- To achieve the proper consistency of a sprayable suspension:
  - Thoroughly mix the appropriate amount of Agita 10 WG with the corresponding volume of water (lukewarm water recommended).
  - Re-agitate mixture if spraying is interrupted for over 30 minutes.

**Coban**

As an aid in the prevention of coccidiosis caused by *Eimeria necatrix*, *E. tenella*, *E. acervulina*, *E. brunetti*, *E. mivati* and *E. maxima* in broiler chickens:
- Feed Coban at 90–110 g/ton.
- Feed continuously as the sole ration.
- Requires a zero-day withdrawal (when fed according to the label).

**Important Safety Information**

**WARNING:** Do not feed to laying chickens. Do not feed to chickens over 16 weeks of age.

**CAUTION:** Ingestion of monensin by horses and guinea fowl has been fatal.

**Elector PSP**

Poultry, lactating and non-lactating dairy and beef cattle, swine and sheep may be present at the time of premise treatment. Horses not intended for human consumption may also be present at the time of premise treatment. It is a violation of federal law to use this product in any manner inconsistent with its labeling. Label must be in possession of the user at the time of pesticide application.
- To control house flies, stable flies and little house flies, mix 2 fl. oz. of Elector PSP in 10 gallons of water to treat 5,000–10,000 sq ft.
- To control darkling and hide beetles, use enough water to ensure thorough coverage of the area along feed and water lines, walls and support beams.
- 2 fl. oz. of product treats 5,000 sq. ft. and 8 fl. oz. treats 20,000 sq. ft.
- For severe infestations, 4 fl. oz. product may be used to treat 5,000 sq. ft.

**Hemicell**

Hemicell is a unique and patented enzyme produced by fermentation of *Paenibacillus lentus* bacteria. The active ingredient is β-mannanase.

**Recommended use program:** Use Hemicell in diets containing 12% SBM or higher.

**Energy reduction (for high-energy diets):** Improved performance allows for a reduction of dietary energy up to 40 kcal/lb.

**Species:** Broilers, Layers, Turkeys.

**Dosage**

<table>
<thead>
<tr>
<th>Product form</th>
<th>Dosage per ton of complete feed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemicell (liquid)</td>
<td>100 mL enzyme with 0.90 L water</td>
</tr>
<tr>
<td>Hemicell-HT (dry)</td>
<td>0.40–0.80 lbs/ton</td>
</tr>
<tr>
<td>Hemicell-HT (liquid)</td>
<td>50–100 mL enzyme</td>
</tr>
</tbody>
</table>

**Larvadex**

Use Larvadex 1% Premix as a part of an integrated fly control program:
- Mix Larvadex at a rate of one pound per ton of feed. Make it the last ingredient added to the feed, and mix for the period of time recommended for your mixer.
- Spray premises with an insecticide labeled for adult flies. This selective application is designed to reach flies on surfaces where they rest.
- Repeat according to label directions, or as needed based on adult fly populations.
- Place insecticide bait in stations at the ends of each house. Do not “scatter” the bait or allow it to be placed on the manure where it could harm beneficial insects.

**Neporex application and dosage**

<table>
<thead>
<tr>
<th>Neporex Formulation</th>
<th>Application</th>
<th>Dose rate</th>
<th>Manure area</th>
</tr>
</thead>
<tbody>
<tr>
<td>2SG</td>
<td>Dry scattering*</td>
<td>1 lb.</td>
<td>200 sq. ft.</td>
</tr>
<tr>
<td></td>
<td>Spraying</td>
<td>1 lb./gallon of water</td>
<td>200 sq. ft.</td>
</tr>
</tbody>
</table>

*To be scattered on wet manure only.

---


Agita, AviPro, Coban, Elector, Hemicell, Larvadex, Megan, Neporex, Elanco and the diagonal bar logo are trademarks of Elanco or its affiliates.

© 2019 Elanco.