UltraSorb® P
MYCOTOXIN DE-ACTIVATOR

Poultry are highly susceptible and frequently exposed to all mycotoxins, especially Aflatoxins, Ochratoxins and T2.

UltraSorb® P is a comprehensive product-based solution developed to reduce the impact of mycotoxins in poultry.

Featuring:

• Specially selected biologically active ingredients to bind, transform and degrade mycotoxins that poultry are most susceptible to in the digestive tract.

Risks in poultry

• Poultry are highly susceptible to the storage toxins Aflatoxin and Ochratoxin
• Risks from multiple mycotoxins
• Increased variability in slaughter weights
• Reduced egg weight and quality
• Reduced hatchability
• Reduced FCR
• Reduction of carcass quality
• Increased pododermatitis

Benefits of UltraSorb® P

• Comprehensive preventive control of multiple mycotoxins in poultry feed.
• Synergistically binds, transforms and degrades toxins in to unavailable forms reducing the overall toxin burden to the animal.
• Support’s the bird’s natural defence against toxins.
• During mycotoxin challenge maintains and improves:
  • Growth rates in broilers
  • Egg production and quality in layers
  • Reproduction performance in breeding stock
• Reduces the risk of potential transfer of mycotoxins to eggs in breeding birds preventing subsequent harm to progeny.

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Application

<table>
<thead>
<tr>
<th>Diets</th>
<th>Total mycotoxin load &lt;500 ppb kg/t of complete feed</th>
<th>Total mycotoxin load &gt;500 ppb kg/t of complete feed</th>
<th>Method of application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broiler chickens</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Starter</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Grower</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Finisher</td>
<td>0.5</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Breeders, layers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pullet (starter, grower, developer)</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Pre-layer</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Layer, breeder diets</td>
<td>0.5</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Duck, turkeys, geese</td>
<td>All</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

Incorporate into complete feeds at the appropriate rate indicated.

Storage and packaging

Store in a cool dry area in original sealed packaging. Keep bag closed when not in use.

Available in bags of 25kg.

Trial data

Many of the mycotoxin issues found in poultry are unique to this group of animals.

The remediation of mycotoxins in poultry feed should be approached as a holistic strategy utilising both binding and degradation technologies alongside a biotransformation capability and recovery properties to ensure rapid and effective deactivation.

UltraSorb\textsuperscript{P} has been designed to remediate both polar toxins, such as Aflatoxin, and non polar forms, such as Ochratoxin and Fumonisin, in a low pH environment to minimise their passage into the animal system.

As shown, binders selected have high adsorption affinity for these toxins. ZON, DON and T2, however, still require Micron's core transformation technology to be dealt with effectively.

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