Risks in swine

- Pigs are highly susceptible to all mycotoxins, especially those produced by Fusarium moulds (e.g. DON, Fumonisin & ZON)
- Risks from multiple mycotoxins
- Increased variability in performance
- Early embryonic death
- Reduced reproduction performance
- Reduced litter weight and size
- Reduction of weights at weaning
- Higher culling rates
- Decreased FCR

Benefits of UltraSorb $^S$

- Comprehensive preventive control of multiple mycotoxins in pig feed.
- Synergistically binds, transforms and degrades toxins into unavailable forms reducing the overall toxin burden to the animal.
- Maintains and improves growth rates in growing swine.
- Manages mycotoxin reproductive performance problems associated with mycotoxins (e.g. reduces embryonic loss, abortions and stillborns, improves conception rates in sows).
- Minimises the transfer of mycotoxins to the milk of lactating sows preventing subsequent harm to piglets.
- Supports the pig’s natural defences against mycotoxins.

Effect of mycotoxins on swine production

- Intestinal haemorrhages
- Liver damage
- Pulmonary oedema
- Feed refusal
- Oral lesions
- Skin lesion
- Kidney damage
- Diarrhoea
- Feed intakes
- Conception rates/irregular heats
- Vomiting
- Growth/weight gain
- Immune suppression
- Embryonic loss-abortion/stillborns
- Aflatoxin
- Fumonisin
- Trichothecenes (DON / T2)
- Zearalenone
- Ochratoxin A
- Pulmonary oedema
- Liver damage
- Diarrhoea
- Immune suppression
- Conception rates/irregular heats
- Embryonic loss-abortion/stillborns
- Aflatoxin
- Fumonisin
- Trichothecenes (DON / T2)
- Zearalenone
- Ochratoxin A
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>Sows</td>
<td>1</td>
<td>2</td>
<td>Incorporate into complete feeds at the appropriate rate indicated</td>
</tr>
<tr>
<td>Boars</td>
<td>0.5</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Piglets</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Growers-finishers</td>
<td>0.5</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

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

UltraSorbS has been formulated specifically to counteract the effects of a wide range of mycotoxins found in swine rations.

UltraSorbS addresses both problems of performance and fertility in swine management by dealing effectively with the deactivation of both Deoxynivalenol and Zearalenone found in swine feed.

On this farm, fertility and health parameters were below expectation based upon historical levels. The graph shows the improvement in these parameters following the inclusion of UltraSorbS into the feed. After 21 days, days to first service conception was over 90%, pigs born alive increased from 5 to greater than 10 per litter, pig feed intake and growth was back to normal and boars semen volume and count returned to normal within 7 days.

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