GUIDE TO DIARRHEA IN PIGS
HOW TO MONITOR AND FIND SOLUTIONS

Different types of diarrhea

Pre-wean microbial scours

Post-wean scours

Bacterial
microbial scours

Nutritional
scours

Diarrhea scoring guide

<table>
<thead>
<tr>
<th>Fecal score</th>
<th>Normal</th>
<th>Moderate</th>
<th>Severe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fecal score</td>
<td>&lt;2</td>
<td>2-2.5</td>
<td>&gt;2.5</td>
</tr>
<tr>
<td>% diarrhea</td>
<td>&lt;10%</td>
<td>10-20%</td>
<td>&gt;20%</td>
</tr>
<tr>
<td>Duration of diarrhea</td>
<td>&lt;3 days</td>
<td>3-5 days</td>
<td>&gt;5 days</td>
</tr>
<tr>
<td>Actions</td>
<td>• Support therapy - Acidifiers, electrolytes • Monitor affected animals</td>
<td>• Isolate individuals • Monitor daily • Gruel feed • Medicate with injectables • Seek veterinarian advice for individual medication • Support therapy</td>
<td>• Check environmental factors • Check feeds and feeding • Check disease status • Medicate, if needed • Seek veterinarian advice for individual medication • Support therapy</td>
</tr>
</tbody>
</table>

Fecal score

1. Solid, well-formed
2. Solid, well-formed
3. Soft, pasty, non-formed
4. Loose, watery

How to monitor and score

Fecal score
• Fecal score is rated in early morning by looking at the fecal consistency in each pen.
• The fecal scoring guide (1 to 4) is used to gauge the general consistency.
• Typically, assessments by 2-3 people can be averaged to represent the pen fecal score.
• Should be done daily until the fecal score normalizes.

% diarrhea
= Total number of pigs with fecal score “4” x 100
Total pigs in the pen

Duration of diarrhea
Total days from weaning where pigs exhibit fecal score “4”

Environmental and management causes
• Poor hygiene and sanitation
• Too cold and drafty
• Wet pens
• Poor biosecurity
• AIAO failure
• High temperature variation during 24-hour period
• Mixing animals of different ages and/or different sources
• Low colostrum intake
• High percentage of first parity sows in the herd
• Low birth and weaning weights

Nutritional causes
• High crude protein in the diet
• High fats and oils
• Feed anti-nutritional factors
• Mycotoxins
• Inappropriate feed ingredients
• Delayed feed/late eaters
• High acid-binding capacity in the diet
• High coliforms in drinking water

Contact pig@alltech.com to learn more about how Alltech’s range of nutritional solutions can help your herd.