Feed additives

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27th April 2009, Garmisch - Partenkirchen
Suggestions and questions of the Milan meeting

- To establish a list of potentially appropriate additive for NH3 abatement based on trade marks?
- Need for independent studies and researches?
- What parameters the additive has to fulfill for inclusion to the guidebook?
# LIST OF ADDITIVES

<table>
<thead>
<tr>
<th>Name of product</th>
<th>Name of producing company</th>
<th>Mode of action</th>
<th>Ammonia reduction</th>
<th>Animal species</th>
</tr>
</thead>
<tbody>
<tr>
<td>De-Odorase</td>
<td>Alltech, inc. USA</td>
<td>Saponins – urease inhibitor</td>
<td>26 – 33 %</td>
<td>Pigs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 %</td>
<td>Poultry</td>
</tr>
<tr>
<td>AROMEX ME Plus</td>
<td>Delacon Biotechnik GmbH, Weissenwolffstr. 14, 4221 Steyregg, Austria</td>
<td>Saponins – urease inhibitor</td>
<td>38 – 50 %</td>
<td>Pigs</td>
</tr>
<tr>
<td>BIOSTRONG 510</td>
<td></td>
<td></td>
<td>40 %</td>
<td>Poultry</td>
</tr>
</tbody>
</table>
INDEPENDENT STUDIES AND RESEARCH

- Lack of data
- New approach to seeking data

- Two companies have provided data
- Utilization of saponins
- Mode of action of saponins
- Urease inhibitors – yucca extracts
- Ammonia reduction 30 – 50%