

Research Institute of Agricultural Engineering in Prague (RIAE)

Feed additives

Martin Dedina

27th April 2009, Garmisch - Partenkirchen

Suggestions and questions of the Milan meeting

- To established 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

Name of product	Name of producing company	Mode of action	Ammonia reduction	Animal species
De-Odorase	Alltech, inc. USA	Saponins – urease inhibitor	26 – 33 %	Pigs
			50 %	Poultry
AROMEX ME Plus	Delacon Biotechnik GmbH, Weissenwolfstr. 14, 4221 Steyregg, Austria	Saponins – urease inhibitor	38 – 50 %	Pigs
BIOSTRONG 510			40 %	Poultry

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%