Animal Nutrition in Transit

Presentation can be found @

www.labdiet.com

International Availability of Animal Feed
Animal Nutrition in Transit
George Nugent
Director
Purina Mills LLC
St. Louis, MO USA

AATA Conference, Vienna, Austria
April 19, 2004

Animal Nutrition in Transit

- Numerous animal species that travel, A to Z
- Distance and time concerns
- When to feed?
- Food options before, during and after transit
- Water is essential
- Bringing animal food into a new country
- No Bovine ingredients!
- Proper planning and documentation

Helpful Information Sources

- Search: World Wide Web
- IATA Live Animal Regulations 30th Edition
- USDA APHIS
  Animal and Plant Health Inspection Service
- DEFRA
  Department for Environment, Food & Rural Affairs UK
- US Fish and Wildlife Services
**Animal Nutrition in Transit**

- Lab Animal Rodents: *Transgel*
  
  www.charlesriver.com (search: Transgel)

**Animal Nutrition in Transit**

- Canine
  
  (Marshall Farms, USA)
  
  Food and Water
  
  - Modified from IATA Guide; Do Not Overfeed
  - Each dog must be offered food at least once every 24 hours; and offered water at least once every 12 hours.
  - Each dog must be offered food and water within 4 hours before being transported in commerce; not less than 2.
  - For dogs delivered to a carrier or intermediate handler, written instructions for the in-transit food and water requirements for a 24-hour period must be securely attached to the outside of the primary enclosure.
  - Food and water receptacles must be placed inside the shipping kennel so that they can be filled from outside the enclosure without opening the door

**Animal Nutrition in Transit**

- Primate
  
  Covance Laboratories - Alice, Texas USA
  - Transit Pak, plus Gadorade at 6 hours and Primate Diet at 12 hours
  - Transit Pack – High moisture with Complete Nutrition, last 12 hours
  - Transit Pack can be custom produced for many animal species – www.testdiet.com
  - Dr. Dorrance.Haught@purinamills.com

**Animal Nutrition in Transit**

- Zoo Animals
  
  - Wide range of Exotics, Wild Animals
  - Often need sedation under vet supervision
  - IATA Container Requirements
    - www.mazuri.com
    - Dr. Mark Griffin – Purina Mills.com
    - Dr. Gordon Ballam – Purina Mills.com
Aquatics
- Poikilotherms – fish, amphibians
- Transported in Water
- Typically cool water, slows metabolism
- Typically withhold feed 24 hours prior to shipment
- Do NOT feed in transit – Water Quality is Important

Horses and Equine
- Feed only needed if delayed, along with hay
- Do not Overfeed
- Water should be available every 6 - 8 hours to prevent dehydration
- Scott.King@purinamills.com

Livestock Large Animal
- Beef, Swine, Dairy
- Most animals are usually fine for at least 24 hours with just water
- Lee.Dickerson@purinamills.com
- John.Mahoney@purinamills.com

Shipping Various Complete Feeds
- Proper planning and documentation
- Varies from Country to Country
- Frequent Changes in Documents Required
- Advantage to find Logistics in both countries
- UK and Europe assistance:
  - Senga Latta at International Products Supply (IPS) UK
  - Email: customers@ipsltd.biz
Animal Nutrition in Transit

Shipping Animal Foods

- Freight Forwarders & Logistic Companies (Geo Logistics)
- USDA Health Certificates
- Salmonella Testing
- UK: SRM Specific Risk Material
- Customs and Port of Health Clearance
- No Animal by-Products in feed requires much less documentation

International Availability of Animal Feed

George Nugent
Director
Purina Mills LLC
St. Louis, MO USA

AATA Conference, Vienna, Austria
April 19, 2004