



UKADO[®]

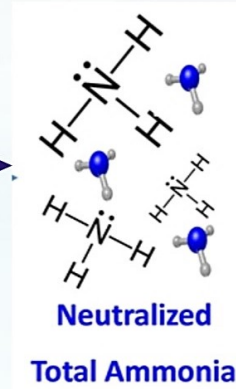
A natural biodegradable ammonia binder

UKADO is the Yucca extract from Mexican desert from the plant *Yucca Schidigera*. Yucca sarsaponin or its fractions of derivatives were determined to be effective in reducing the production of ammonia. A mode of action for the steroid saponins of **UKADO** that alters the utilization rate of total ammonia nitrogen, rather than its release, is consistent with all of the research data generated as of today. By stimulating microbial growth, particularly under less than ideal conditions, *Yucca schidigera* extract stimulates utilization of ammonia and other food material, resulting in a more rapid and complete digestion. *Yucca* was found to bind noxious gases, particularly ammonia and its precursor in aquaculture ponds, preventing them escaping into the atmosphere to create obnoxious smell and it also having anti-inflammatory effects.

Supplementation of **UKADO** in the basal diet tends to increase the digestibility of dietary dry matter, neutral detergent fiber, hemicellulose, acid detergent fiber and cellulose. **UKADO** reduces ammonia and H₂S gas levels in “aquaculture ponds”. Solids in slurry are broken down more quickly because the sarsaponin in **UKADO** increases bacteria. A surprising spin-off to this activity in the sludge is that sarsaponin also seems to act as a natural growth promoter, possibly by conditioning the absorbent cells in the gut and/or by reducing surface tension at the point of absorption.

Benefits:

- Reduce ammonia and H₂S gas levels in aquaculture ponds
- Accelerate the breakdown of organic waste
- Sarsaponin in **UKADO** also act as a natural growth promoter
- Prevents the growth of pathogenic micro-organisms and checks secondary infection in shrimp and fish intestine
- Completely unaffected by all antibiotic growth promoters and does not interfere with their use
- Anti-protozoal and nematocidal activity
- Enhance the intestinal enzyme system



Composition :

- Natural extract of Yucca plants (*Yucca schidugera*)
- Ammonia binding agents and digestive enzymes
- Encapsulated beneficial bacteria

Dosage :

Powder: 300 - 400 G / Acre (1 meter water depth) {Depending upon the stocking density and pond condition}

3 G / Kg feed with accurate addition and thorough mixing. {Consult with our Technical Team for usage and application}

Liquid: 200 - 250 ML / Acre (1 meter water depth) {Depending upon the stocking density and pond condition}

2 ML / Kg feed with accurate addition and thorough mixing. {Consult with our Technical Team for usage and application}

Storage and caution :

Store in a cool and dry place. Keep container closed when not in use. Avoid contact of with eyes. Flush immediately with clean water if contacted.

Presentation :

500 ml HDPE bottle for liquid

200 G pouch in 1 Kg Box for powder