

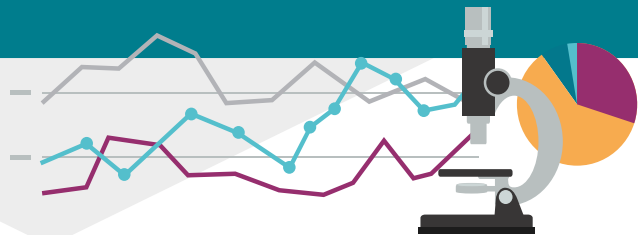


PROBLEM



Animal feed formulation is currently based on nutrient requirements but doesn't take digestive physiology into consideration.

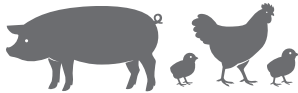
RESEARCH



= amount of HCl required to
↓ pH of 1 kg feed to pH 3.

Acid-binding capacity (ABC) is the ability of a feed ingredient to buffer acid in the digestive system.

Each feed ingredient will have an **ABC** value, which will affect the animal's stomach pH.



Young monogastrics can't secrete enough HCl for optimum digestion. If we can ↓ stomach pH in young monogastrics, we can ...



increase protein digestion



decrease growth of pathogenic bacteria



improve gut health



LAB RESULTS: CEREALS < PROTEIN < LIMESTONE

SOLUTION



Using ABC values in feed formulation will lead to improved production and gut health.



✉ askuswhy@chemuniqu.co.za ☎ +27 (0) 11 789 2414 🌐 www.chemuniqu.co.za

We use **GLOBAL KNOWLEDGE**, strengthened by **LOCAL RESEARCH** and expertise, to **PRODUCE FEED FOR FOOD FOR THE FUTURE.**

