



ESSENTIAL: ADDITIVE FOR SWINE

LESS MORTALITY - BETTER AVERAGE DAILY GAINS

What is it?

Essential is a proprietary blend of cashew nut shell liquid and castor oil that has an antimicrobial, antioxidant and anti-inflammatory activity.

Expected results

- Less scours
- Less mortality
- Better average daily gains

Mode of action

The three active compounds of Essential (cardol, cardanol, and ricinoleic acid) inhibit gram positive bacteria. Gram positive bacteria such as *Clostridium perfringens* are pathogens that cause scours in pigs. Also, cardol and cardanol present antioxidant activity, which helps the animals fight microbial challenges. Finally, ricinoleic acid presents anti-inflammatory activity, which helps the animals recover better from challenges and keep higher levels of intake.

Presentation

Powder and water soluble form.

Dosage

Powder: 1 – 3 lbs/ton of feed depending on the challenge.

Water soluble:

For tank use: 1 gallon Essential/1,000 gallons of water

For injectors/proportioners set to administer 1 oz. stock solution per gallon drinking water, prepare stock solution by mixing 1 gallon Essential with 7 gallons water.

Advantages of Essential

- No negative interactions
- AAFCO approved
- No withdrawal period