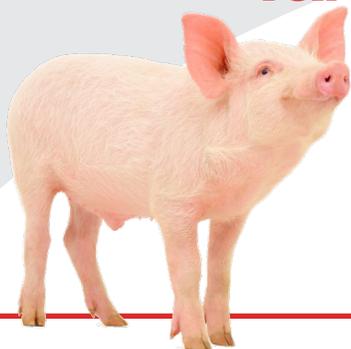


# SHAC<sup>®</sup> GRANULAR Feed Additive

FOR SWINE



SHAC Feed Additive™ is designed for use in hog operation feeding programs. When added to feed, SHAC Feed Additive™ reduces odors and harmful ammonia gases within hog barns. SHAC Feed Additive™ is available in either liquid or granular form to best suit the users needs.

## The benefits of SHAC Feed Additive™:

- Reduces the concentrations of ammonia gas in hog barns, creating safer, healthier conditions for workers and livestock.
- Reduces odors in hog barns, lowering the impact of hog operations on the community.
- In various hog industry research studies, chronic exposure to ammonia has been correlated with reduction in average daily gain and feed efficiency as well as increase in disease and medication costs. SHAC Feed Additive™ products are effective in reducing the levels of this harmful ammonia gas to which hogs are often continuously exposed.



**SHAC FEED ADDITIVE™ IS  
DESIGNED TO BE APPLIED  
TO COMPLETE FEEDS.**



For more information  
on Shac Feed Additive™  
scan QR Code

## Liquid Feed Additive™ (Reg #480573) Application Rates:

Application	Rate
Growers & Finishers	250 ml (1/4 litre) Liquid SHAC Feed Additive™ per tonne (1000 kg) of complete feed ration
Weaners & Sows	500 ml (1/2 litre) Liquid SHAC Feed Additive™ per tonne (1000 kg) of complete feed ration

## Granular Feed Additive™ (Reg #480549) Application Rates:

Guaranteed Analysis: Moisture - 50% minimum

This package will treat 20 tonne (20,000kg) of complete feed for grower/finisher hogs or 10 tonne (10,000kg) of complete feed for sows/boars/weaners.

Application	Rate
Growers & Finishers	650 grams (0.650 kg) SHAC Granular Feed Additive™ per tonne (1000 kg) of complete feed ration
Weaners & Sows	1300 grams (1.3 kg) SHAC Granular Feed Additive™ per tonne (1000 kg) of complete feed ration

Mix SHAC Granular Feed Additive™ thoroughly into each complete ration for hogs.

Important: If entire quantity of this bag is not used, re-seal the bag to avoid moisture loss. Moisture loss can lead to inaccurate mix ratios by weight.

Ensure that ALL hogs sharing common manure storage (pit or lagoon) are receiving feed treated with SHAC Granular Feed Additive™. Manure from untreated hogs will reduce the effect of the product.

For optimum results, apply SHAC Manure Digester™ to pits and lagoons prior to use of SHAC Granular Feed Additive™ in order to reduce current solids and odours accumulation. Contact your local dealer/distributor for details.

Results may vary depending on the type and amount of feed used in total ration, the health and condition of the hogs and individual farm management practices. Typically, expect odour/ammonia control results in 2-6 weeks.

NOTE: For best results, use in conjunction with SHAC Manure Digester™ for reduction of solids accumulation in pits and lagoons.

### CFIA Registration

The Canadian Food Inspection Agency (CFIA) has approved the use of SHAC Liquid Feed Additive™ (Reg # 480573) and SHAC Granular Feed Additive™ (Reg # 480549) for hogs as effective odor and ammonia gas reducing treatments.

## Optional Application Methods:

- **Manual Application:** SHAC Liquid Feed Additive™ and SHAC Granular Feed Additive™ may be applied manually during the mixing of complete feeds in any type of feed system.
- **Microboxes:** SHAC Granular Feed Additive™ may be applied to complete feeds using microbox systems.
- **Batch Mixers:** SHAC Liquid Feed Additive™ and SHAC Granular Feed Additive™ may be added to batch mixers containing complete feed by simply pouring the required amount of product into the mixer. Some operators may prefer to mix the product into water.
- **Fully Automated / Computerized Mills:** SHAC Liquid Feed Additive™ may be applied to complete feeds either manually or by metering into the feed ration. SHAC Granular Feed Additive™ may be applied to complete feeds either manually or through a microbox system.

