



# Denagard<sup>®</sup>

Denagard<sup>®</sup> (tiamulin) is a broad-spectrum antibiotic for control and treatment of certain swine bacterial diseases. The active ingredient, tiamulin, is a member of the pleuromutilin class of antibiotics, which is reserved worldwide for animal use and is *not* used in human medicine.

In the U.S., Novartis Animal Health US, Inc. markets its two tiamulin products as Denagard Medicated Premix and Denagard Liquid Concentrate. It is sold to other key swine markets worldwide under the Tiamutin<sup>®</sup> brand name.

## Denagard Medicated Premix

- For control of proliferative enteropathy (ileitis) associated with *Lawsonia intracellularis*
- Denagard and chlortetracycline (CTC) approved for concurrent use to provide enteric and respiratory disease coverage, respectively
- Promotes weight gain and improves feed efficiency
- For treatment and control of swine dysentery associated with *Brachyspira (Serpulina) hyodysenteriae*
- Coated, granular premix reduces dustiness and ensures consistent mixing and dispersal in finished feed
- Licensed for use in the United States and Canada

## Denagard Liquid Concentrate

- For treatment of swine pneumonia due to *Actinobacillus pleuropneumoniae*
- For treatment of swine dysentery associated with *Brachyspira (Serpulina) hyodysenteriae*
- Water-soluble concentrate delivers medication quickly and easily to sick pigs through drinking water
- Licensed for use in the United States and Canada

## Denagard Injection

- For treatment of swine dysentery associated with *Brachyspira (Serpulina) hyodysenteriae*
- Peak levels of antibacterial activity in the blood in approximately two hours
- Licensed for use in Canada