

# Entero-

## SWINE

APPROVED BY  
HEALTH CANADA  
Veterinary Health Product  
(NN.H9G2)



Backed by  
**Scientific  
Research**

 **ORGANIC**  
PRODUCTION APPROVED



- Recommended for the support of a healthy intestinal microflora
- Contributes to healthy digestive functions and metabolism

### INGREDIENTS

Exclusive blend of **essential oils** (thyme and star anise) selected and reinforced with **citric acid** for an effect on **gram-** and **gram+** bacteria.

Exclusive blend of functional **botanical extracts** to maximize the efficacy of active ingredients:



### MODES OF ACTION

- 1 Antibacterial
- 2 Anti-inflammatory
- 3 Antioxidant
- 4 Antipyretic

5 kg jug

 Developed by and for  
**veterinarians**

### DIRECTIONS FOR USE

**DOSAGE** 250 ml per 1000 liters of drinking water.  
**Equivalent to 500 ml in 20 liters of stock solution**, medicator set at **1:100**

**CAUTION**

- Make sure the water lines are clean and well maintained
- Do not mix with a live vaccine in the same stock solution

**INTERACTION** No negative interaction with chlorine, acidifiers and antibiotics added to the water

**SHELF LIFE** 24 months

BOTANICAL EXTRACTS	ACTIVITIES	REFERENCES
Orange oil ( <i>Citrus aurantium</i> )	Systemic anti-inflammatory	Alessio <i>et al.</i> , 2013
Curcuma ( <i>Curcuma longa</i> )	Systemic anti-inflammatory Anti-inflammatory for pulmonary disease Antioxidant	Shehzad (2012) Danar Dono (2013) Akram (2010) Bansal (2010) Radwan (2008)
Sweet birch ( <i>Betula pendula</i> )	Systemic anti-inflammatory Antioxidant	Zhang (2006 et 2011) Munoz (2002)

### Application in nurseries

- ✓ Perfectly suited for an appropriate use of antibiotics in production
- ✓ In conventional production, during episodes of diarrhea, in presence of antibiotic-resistant pathogenic bacteria, to maintain a healthy intestinal flora (use for 7 days)
- ✓ In antibiotic-free production, to prevent health challenges caused by *E. coli* in post-weaning, in presence of intestinal dismicrobism during transport/handling of the animals (use for 7 days)

### Application in finishing period

- ✓ To prevent health challenges associated with *Strep. suis* (use for 7 days)

Developed for and distributed by:

Services vétérinaires ambulatoires  
**TRIPLE V** inc.

Manufactured by:

**PROBIOTECH**  
INTERNATIONAL

# Entero-

## SWINE

APPROVED BY  
HEALTH CANADA   
Veterinary Health Product  
(NN.H9G2)

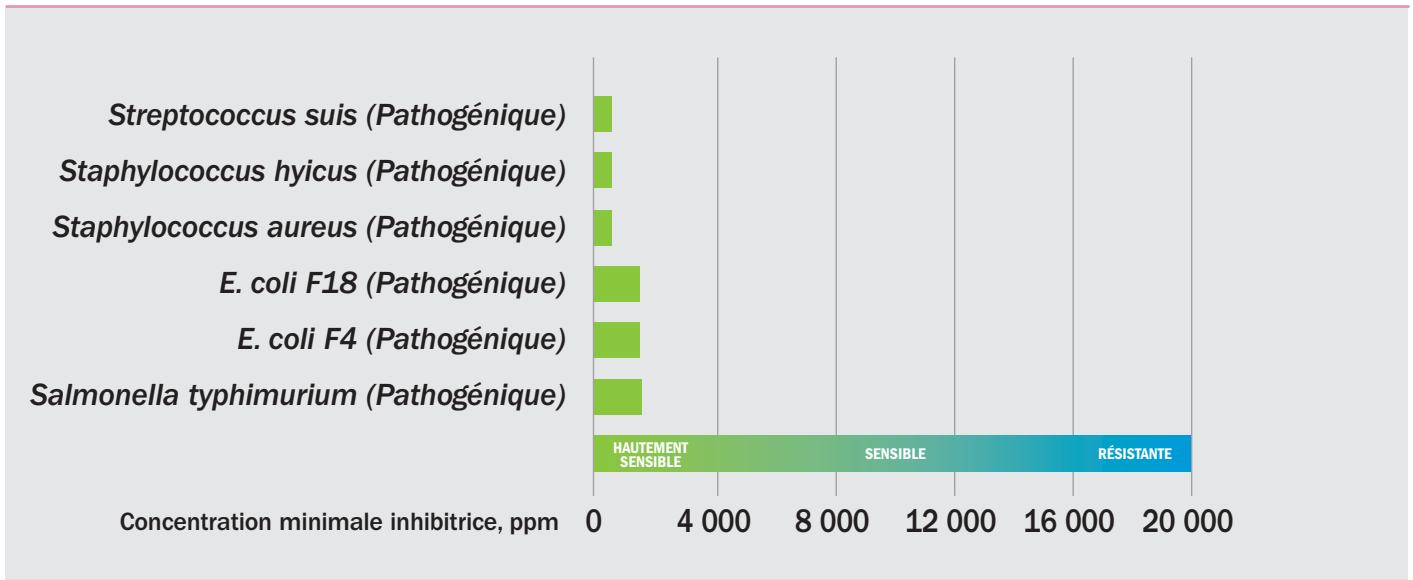
 Backed by  
**Scientific  
Research**

 **ORGANIC**  
PRODUCTION APPROVED



Figure 1

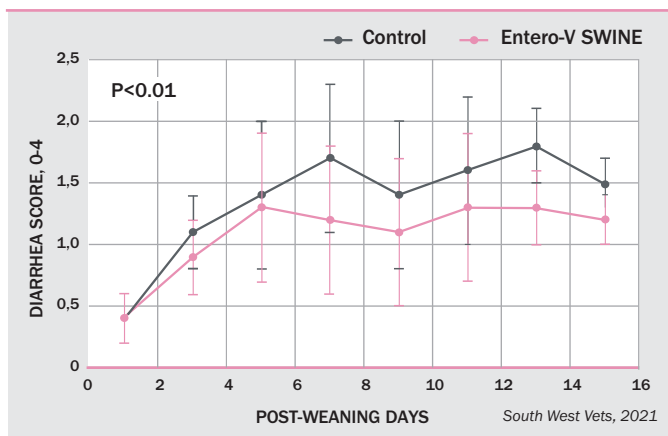
### Bacterial growth inhibition



Faculty of Veterinary Medicine, University of Montreal, 2021

Figure 2

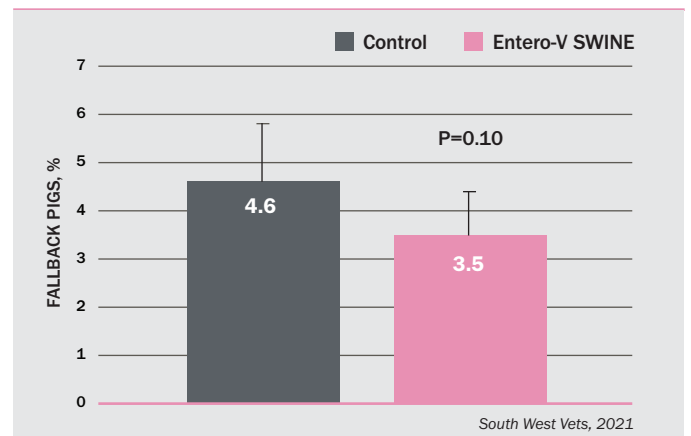
### Entero-V SWINE effect on pen-Level scour score



2 farms in Canada supervised by South West Vets, control group of 1749 piglets (35 pens) & a treated group of 1849 piglets (38 pens). Treatment: Entero-V SWINE 250 ml/1000 L drinking water during 11-15 days after weaning. All piglets did not receive antibiotics.

Figure 3

### Entero-V SWINE effect on % of fallback pigs due to scour



Developed for and distributed by:  
Services vétérinaires ambulatoires  
**TRIPLE V** inc.

Manufactured by:  
**PROBIOTECH**  
INTERNATIONAL