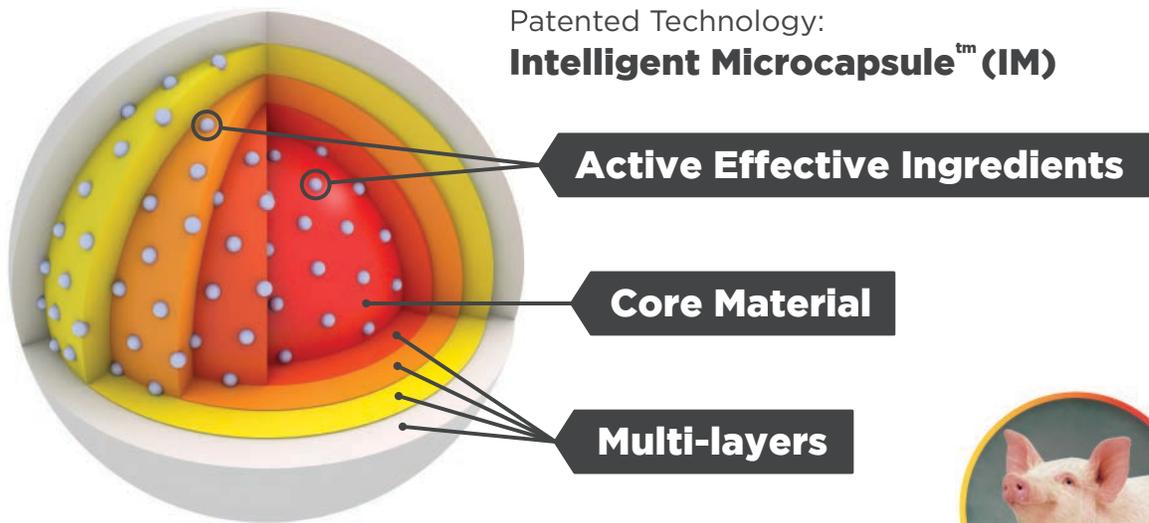




CM3000 PLUS-Swine

(for Sow & Piglet)



Ingredients
30% coated sodium butyrate
70% patented auxiliary material

Using our patented Intelligent Microcapsule™ (IM) coating technology, specialized plant-based ingredients form a proprietary coating over the effective nutrients. In the animal's digestive system, the CM3000 coating protects these ingredients preventing release in the stomach, but allowing release in the small intestine. Both pH and time after consumption ensure release of the effective nutrients at the proper location within the digestive tract.

Butyrate's positive influence on gut health is well known. CM3000 PLUS, with its specialized coating, is particularly effective in enhancing not only the small intestinal health of sows, but also piglet growth. Physiological benefits include:

- Distinct odor that stimulates feed intake by sows
- Stimulation of small intestinal villi growth and maturation as seen by increased villi height: depth ratio which increases nutrient absorption area, especially in the proximal and distal ileum
- Increased intestinal absorption of calcium in sows by up to 53%
- Stimulation of pancreatic cells and increased production of insulin and glucagon, which enhance metabolism and utilization of glucose for maternal and fetal development
- Increased short chain fatty acid production, important for production of milk
- Improved umbilical cord integrity in newborn piglets and enhanced nutrient transfer from dam to fetuses

*Data available upon request

Sow production performance

- Increases milk fat rate by 29.75%, improving milk quality
- Reduces constipation occurrences
- Strengthens uterine smooth muscle, reduces delivery assistance of piglets rate by 18.51%, and shortens parturition duration by 37 minutes
- Improves sow reproductive performance; increases estrus rate by 15.3% within 7 days post weaning
- Extends the production period by reducing the incidence of lameness
- Increases oxygen carrying capacity of umbilical cord blood and improves embryo implantation capability
- Increases litter weight
- Increases weaning weight and survival rate
- Increases average daily weight gain
- Improves sow & piglets immunity

Weaning piglet production performance

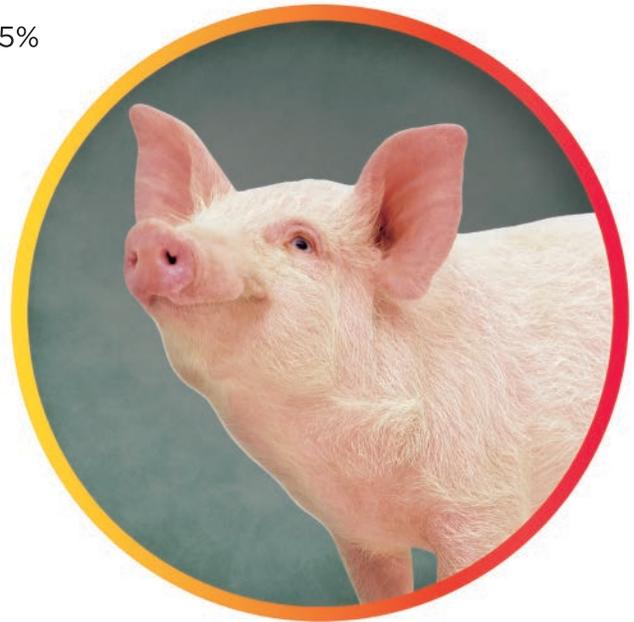
- Reduces piglet dysentery and diarrhea occurrence
- Increases average daily intake by 8.9% - 12.06%
- Decreases feed conversion ratio by 8.61%
- Increases daily weight gain by 17.21% - 23.5%

Rates of Microcooperation for Swine in Different Life Stages

- Weaners: 500 - 1000 g/t
- Grower-finisher pigs: 200 - 300 g/t
- Gestation: 400 - 800 g/t
- Lactation: 500 - 1000 g/t

Product Specification

Packaging: 20 kg/bag, 25 kg/bag
Storage: store in cool and dry place
Shelf Life: 24 months



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Research from university, independent and internal laboratories verify the physiological and production benefits described. Data available upon request.

KTG North America is a proud subsidiary of King Techina.