

Kemin Gut Health Solutions

Comprehensive approach to gut health by strengthening intestinal integrity, microbial balance and immune function.

Integrity: Maintaining the strength of the intestinal barrier

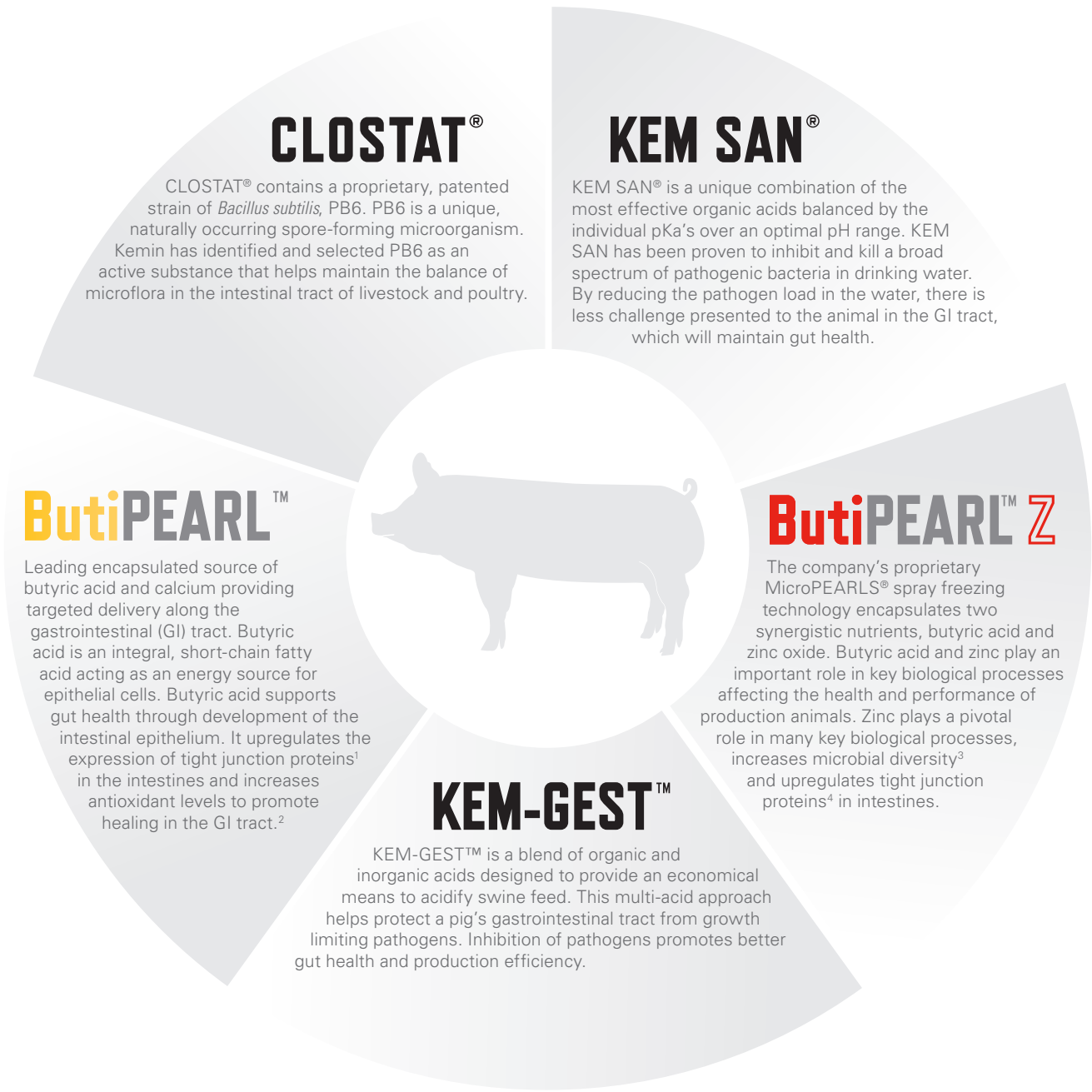
Protection: Supporting immune function

Balance: Diversifying the population of microbes



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Gut health is a highly complex system including the structural integrity of the intestine, the balance of microflora and the status of the immune system. Kemin offers a comprehensive platform of industry leading solutions impacting key areas of gut health.



1. Peng, L. et al. Butyrate Enhances the Intestinal Barrier by Facilitating Tight Junction Assembly via Activation of AMP-Activated Protein Kinase in Caco-2 Cell Monolayers. 2009. J. Nutr. 139:1619-1625.
 2. Ma, X. et al. Butyrate promotes the recovering of intestinal wound healing through its positive effect on the tight junctions. J Anim Sci. 2012. 90: 266-268.
 3. Katouli, M. et al. The effect of zinc oxide supplementation on the stability of the intestinal flora with special reference to composition of coliforms in weaned pigs. 1999. J of Applied Microbiology. 87:564-573.
 4. Zhang, B. et al. Zinc prevents Salmonella enterica serovar Typhimurium-induced loss of intestinal mucosal barrier function in broiler chickens. 2012. Avian Pathology. 41: 361-367.



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