

Press Release – For Immediate Distribution



Layn Natural Ingredients Introduces TruGro® PW, an Effective Zinc Oxide Replacement for Post-Weaning Piglets

IRVINE, Calif., Nov. 15, 2022 – Layn Natural Ingredients, one of the world’s largest vertically-integrated manufacturers and innovators of natural, functional botanical extract ingredients and solutions, today announced the launch of TruGro® PW, an effective and proven solution validated in randomized in-vivo trials that combines selected polyphenol-rich botanical extracts to help support healthy growth and gut health in piglets post weaning.

Swine producers face many challenges in the post-weaning phase as piglets transition from sow milk to solid feed. The intestinal and metabolic immaturity of piglets makes digesting solid feed more difficult, which can lead to villi atrophy, loss of barrier function, low nutrient absorption, irregular fermentation in the hindgut and pathogen microbial proliferation. Post-weaning piglets also often experience increased stress levels due to changes in nutrition and environment during this growth phase. This can lead to loss of appetite, diarrhea and stunted growth.

“Traditionally, swine producers have used zinc oxide in the diet to control post-weaning diarrhea, enhance digestive function, increase secretion, improve immune response, reduce oxidative stress and control pathogens,” said Juan Javierre, Nutrition Scientist, TruGro® division of Layn Natural Ingredients. “However, in June 2022, the European Union banned the use of pharmacologic doses of zinc oxide in animal feed. Layn recognized the need to provide swine producers with safe and proven alternatives. As a result of our research, testing and innovation, we are pleased to offer a highly effective solution in TruGro® PW.”

The grounds for the zinc oxide ban include that it can cause soil and water contamination from slurries, the transference of antibiotic resistance on intestinal microbia, and potential disturbance of microflora within animals. TruGro® PW can be effectively used at a lower inclusion rate than zinc oxide and it leaves no environmental residues.

TruGro® PW was evaluated in randomized trials vs. zinc oxide. The study results were extremely positive. TruGro® PW performed better than zinc oxide in total feed intake and overall feed conversion ratio (FCR). TruGro® PW was also shown to be highly effective for diarrhea control.

Layn Natural Ingredients offers nearly 3 decades of fully vertically integrated production and innovation of functional botanical extracts. For more information on TruGro® PW, visit Layn Natural Ingredients TruGro® division at <https://layncorp.com/trugro/>. Layn is showcasing its TruGro® animal nutrition solutions at EuroTier in Hannover, Germany Nov. 15-18. Visit Hall 22, Stand C03.

###

About Layn Natural Ingredients:

Layn Natural Ingredients is one of the world's largest innovators of natural botanical extract ingredients and solutions serving the biggest brands in food, beverage, flavor, nutraceutical, sports nutrition, personal care, animals and pets for over 25 years. Truly vertically integrated, Layn offers nearly three decades of experience in providing a fully secure, manufacturer-direct, transparent and scalable supply chain. From seeds and agronomy, to extraction and formulation, Layn is committed to quality, innovation and sustainability. Its world-class R&D operation includes more than 2.2 million square feet of state-of-the-art extraction, and global innovation centers throughout the world to conduct research, ensure quality, and provide formulation and application guidance. Layn is also the parent company of wholly owned subsidiary, HempRise, a US-based entity specializing in the direct manufacture and innovation of CBD and hemp extract ingredients. *Botanify* your product portfolio now with Layn Natural Ingredients – Email botanify@layn-usa.com, or visit: www.layncorp.com.