



HERD HEALTH MANAGEMENT & ECONOMY

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EFFECT OF A SEAWEED-CLAY COMBINATION ON THE NEONATAL DIARRHEA IN PIGLETS RAISED IN DIFFERENT MANAGEMENT CONDITIONS

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Neonatal diarrhea is one of the most frequent problem in newborn piglets in the world. It can result in high mortality and morbidity if it's not properly managed. Moreover, neonatal diarrhea leads to an over use of antibiotics. In this context, Olmix developed a new product (Seagut Paste) with 3 synergistic actions: protect the digestive tract via marine algae extract (MSP[®]_{MUCIN}) and specific clay, balance gut flora and maintain homeostasis. The objective of the present study was to evaluate the capacity of this product to keep good health status of newborn piglets in case of neonatal diarrhea in different field conditions. Several trials were set up in different countries (France, Italia, Ireland and Vietnam) in more than 13 farms with different managements. So far 140 litters from mainly Large-White/Landrace genetic were taken into account for the analysis of the results. The product was administrated to the litters including at least one piglet with diarrhea before 5 days after farrowing at 2 ml/piglet/day during one to two days depending of the piglet's status. After two days, if diarrhea persisted, the farmers were allowed to use antibiotic treatment. The age for piglet diarrhea occurrence, number of MSP_{MUCIN} & clay combination administration/piglet, ability of the combination to control the diarrhea, medication use, time to recover from diarrhea were recorded. The litter distribution was 34 % from gilts and 66 % from sows with an average lactation rank at 2.46. This multisite trial, taking into account diverse farming situations, has shown the efficacy of the MSP_{MUCIN} & clay combination on stopping diarrhea in 84% of the cases. In 70% of successful cases, a single application was needed.

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