

HiZox® orientates fecal microflora of newly weaned piglets

Place

Dankook University Research Center (Korea).

Objectives

To compare low dosed HiZox vs pharmacological dosage of regular ZnO in diets of weaned piglets on fecal microbial shedding.

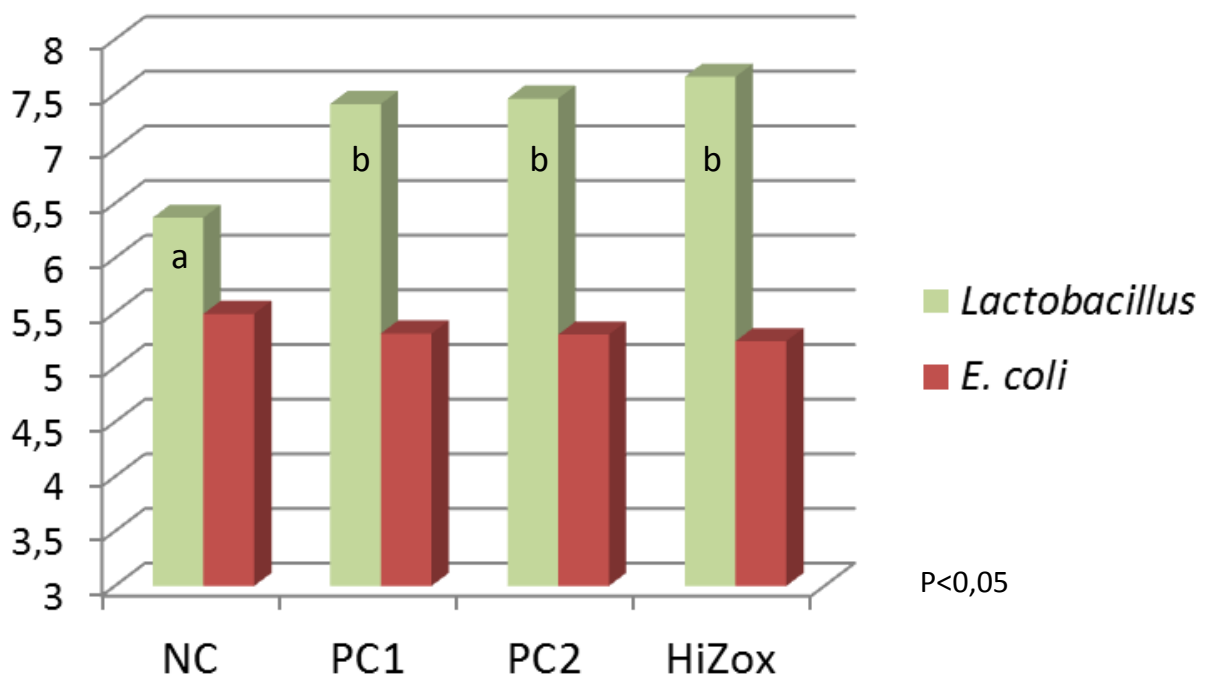
Material and method

Animals : 140 piglets of local breed, weaned at 21 days, 5 piglets/pen, allocated on basis of age, weight and sex ratio.

	Negative control	Positive control 1	Positive control 2	HiZox
Prestarter feed	/	3000 ppm ZnO	3000 ppm ZnO	300 ppm

Feed composition : 3540 ME kcal/kg, CP 20%, extruded corn/ SBM/ whey/ lactose based diet
 Measurements : fecal samples collected at 2 wks from the rectum of 2 pigs/pen.

Fecal Microbial Shedding (log10 cfu/g)



Conclusion

In the conditions of this experiment in Korea, HiZox at low dosage orientated fecal microflora of newly weaned piglets to the same extent than pharmacological dosage of the regular ZnO.