



## Antidiarrheal premix for piglets

# ZinBlock

**Zn min. 35% (350,000 mg/kg)**



We enhance nature  
[www.arkop.pl](http://www.arkop.pl)

Piglet diarrhea after weaning impedes the growth pace and leads to poor utilization of feed. The digestive system of young piglets is poorly developed and secretion of enzymes decomposing starch, protein and other nutrients is insufficient. Also the immunological level of piglets is low because the stocks of passive immunity are depleting and the active immunity is not yet fully developed. Impairment of digestive functions of the small intestine in this period intensifies the decrease of immunity among animals because this part of the intestine is responsible for most generation of antibodies.

### ZinBlock®:

- has very good antidiarrheal properties with the dosage of 400 mg ZinBlock/kg of feed (140 mg Zn/kg of feed)
- does not react with the hydrochloric acid in the stomach
- reduces piglet death losses
- reduces piglet culling rate
- protects against antagonisms in the organism
- has positive impact on the intestinal villi in the small intestine
- better utilization of feed per growth unit
- very good animal growth pace
- efficacy proven by studies.

### Results of rearing piglets up to 45 days old

Item	Mineral Zn 2561 ppm Zn	ZINBLOCK 150 ppm Zn
Piglet body mass (kg) on day 45	13.89	13.93
Growth (kg per piglet)	6.89	6.93
Utilization of feed per 1 kg of growth	1.38	1.30
Diarrhea [%]	3.32	3.41



# ZinBlock

In our offering you will find:

- Zinc Oxide Feed Grade (Zn-72, Zn-75, Zn-78)
- Monohydrate Feed Sulfates:
  - zinc (Zn – 35%)
  - magnesium (Mg – 14%)
  - cobalt (Co – 31%)
  - iron (Fe – 30%)

as well as three product lines of feed chelates Zn, Mn, Cu, Fe:

- **Chelmax and L-Chelmax – chelates of amino acids from hydrolysed soya protein**
- **Glystar and Glystar Forte – chelates of glycine**
- **MetStar Zn – chelate on the basis of methionine.**

## ARKOP

We have been building our experience in the animal nutrition industry since 1992. Our goal is to manufacture feed additives making it possible to derive the very best nature has to offer... For this reason, our extensive product range entails the latest developments in biotechnology, in particular top grade chelates (chelation level confirmed by authorized laboratories).

As a result of our close long-term cooperation with scientific institutes and universities, we have manufactured proven and effective products. We constantly monitor our production process and incorporate the requisite modifications in striving to continue improving our offer and aligning it to meet customer needs and expectations.

We apply and constantly develop our integrated food quality and safety management system **ISO 22000 (HACCP)** and **ISO 9001**. As a confirmation of adherence to the most stringent requirements in this area, we have obtained the integrated management system certificate – **PN-EN ISO 9001:2009** and **HACCP – PN-EN ISO 22000-2006**. We also have the European quality system certificate for feed additives and premixes **FAMI-QS**.

Caring for the right quality of our feed products, we have joined European producer organizations, TREAC and EMFEMA, thanks to which we keep track of prevailing requirements regarding feed additives and adapt our production to satisfy them. Consequently, we can ensure that application of our feed additives is safe for the health of animals and brings great animal rearing results.

Currently we work with customers from across the world.



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