ZINEBOY



Zinc (Zn) is a component of many metalloenzymes for DNA synthesis, digestion and hormone actions and is involved in appetite, epithelial cells of small intestine, testicular development, and litter size. ZINEBOY is a Zn-methionine chelated complex (27% Zn) and is highly bioavailable for animal absorption and utilization.

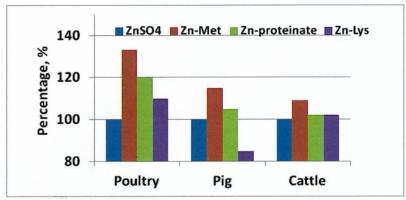
• Functions of ZINEBOY:

- 1. Stimulate growth of epithelial cells of small intestine and increase feed intake and digestion.
- 2. Improve weight gain of pre-weaning and post-waening pigs.
- 3. Prevent skin hyperkeratinization (parakeratosis).
- 4. Improve farrowing activity and litter size.
- 5. Improve testicular development and semen production and fertility.
- 6. Improve stress resistance and immune activity.

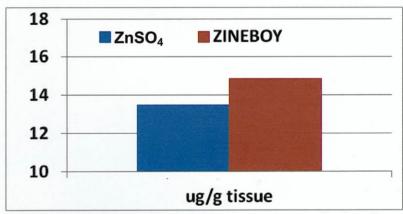


• Application and suggested dosage, kg/ton of feed:

Swine	0.2 kg		
Broiler	0.2 kg		
Layer	0.2 kg		
Duck	0.2 kg		
Cattle	4 g/head/day		
Fish	0.2 kg		



Comparison of bioavailability with different organic Zn in animals.



Dietary ZINEBOY improves zinc accumulation by 10% in lean tissues (pigs).

● Feeding ZINEBOY (ZnMet form) to post-weaning pigs increases weight gain by 5.9% and improves feed efficiency by 3.8% over inorganic Zn.

	Inorganic Zn	ZINEBOY	Diff.
Initial BW, kg	8.3	8.4	
Final BW, kg	20.1	20.9	
Weight gain, kg	11.8	12.5	+5.9%
ADFI, kg	0.688	0.701	+1.9%
ADG, kg	0.421	0.446	+5.9%
FCR	1.634	1.572	-3.8%