

BIOMET IRON

BIOMET-Fe is an organic complex with a high bioavailability. (IRON METHIONINATE). It is a stable electrically neutral product with a molecular weight of less than 800 Daltons. It uses the essential amino acid methionine as the binding agent with a molecular efficiency of 1:1.

BIOMET-Mn behaves like an amino acid for biochemical purposes and profits from the same cell carriers as amino acids thus preventing both saturation of ion carriers and competition between metal ions.

BIOMET-Fe PURE

ANALYSIS

Iron ion	20.0%
Methionine	40.0%
Ash	48.0%
Proteins	21.5%

ADVANTAGES

SWINE:

The addition of BIOMET-Fe to sows during pregnancy and lactation results in:

- Suckling pigs having bigger IRON deposits at birth;
- A larger IRON content of milk.

This in turn results in:

- A heavier birth weight of suckling pigs;
- Higher levels of haemoglobin in blood;
- A lower mortality rate in the litter;
- A higher number of weaned suckling pigs per sow and year.

DOSAGE

Gestation and lactation sows 200 g.m/Ton of feed.
Suckling pigs 400 g.m/Ton of feed.

PACKAGING

- Fine loose powder, brown coloured.
- 10 and 25 kg. bags.

SELL-BY DATE

Two years from date of manufacture.

PRESERVATION

Store in a dry cool place.

NOTE: Keep the product out of children's reach.

INFLUENCE OF SOWS' INTAKE OF BIOMET-Fe ON SUCKLING PIGS' GROWTH, MORTALITY AND HAEMOGLOBIN LEVELS

Treatments	Normal gestation and lactation diet. No supplementary amount of iron is fed to either sows or suckling pigs.	Normal gestation and lactation diet. Additionally, suckling pigs are given an injection of 100 mg. of Fe at the age of 1 and 15 days.	Normal diet. Additionally, sows are feed 200 ppm of Fe in the form of IRON METHIONINATE during gestation and lactation. Suckling pigs are not fed any iron.
Average birth weight (g)	1.298	1.280	1.357
Average weaning weight (kg)	6,8	7,5	7,9
Average daily gain (g)	150	168	177
Mortality (%)	20,1	18,2	6,5
Haemoglobin at birth (g/dl)	11,41	11,2	12,11
at weaning (g/dl)	7,32	11,69	11,83