

## Reference: Pigs in Research

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**Product:** Animal Biosa (silage additive)

**Animal:** Porker

**Country:** Germany

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**Problem:** The discussion concerning reduction of damaging substances from the pig production has been sharpened both from the consumer side but also from the official side as a result of EU's desire to establish the so called "Best Available Technology". In addition, as a result of abolishing the use of antibiotic growth promoters and the new regulative regarding use of medicine for animals, an important aspect for stabilising pigs' health and growth abilities has been taken away. Through initial studies of how the natural feed additive Animal Biosa works, we received positive results concerning the additives effect on the organic growth parameters for fattening pigs. Tests should be carried out again with a greater amount of random checks.

**Dosage:** The effect of Animal Biosa was examined on 155 fattening pigs with a start weight of 29 kg until 14 weeks later (at 116 kg). The research group of 78 pigs were fed 25 ml/pig twice a day while 77 pigs acted as control group.

### Results:

- Using Animal Biosa leads to a significant higher lean meat percentages of 57,9% compared to 55,8%
- The research group showed a significant improved feed conversion of 2,86 kg/kg compared to the 3,04 kg/kg of the control group, equivalent to a reduction in the feed consumption of 15-16 kg pr. pig.
- The pigs that were fed Animal Biosa in average had a higher slaughter weight of 1,5%.