



BioAktiv Salis as a feed additive



Better manure homogenisation due to increase of aerobic activity, from BioAktiv

Hein Houbraken treats manure daily via BioAktiv additive in the liquid feed

Clear manure pits and richer manure

Three years ago, Hein Houbraken was struggling with thick solid manure in his manure pits. The slatted deck was clogging and Houbraken was unable to empty the pits. The problem has been solved by using BioAktiv in the feed. Separating the manure is now also more efficient and the flies are reduced.

In part of the meat piggeries of Hein Houbraken is a cooling deck. The manure hung there and the clogged the slats, while the cooling deck actually has to cool the top layer, so that little ammonia is released. Another problem was that in all the stalls there were large clumps of manure in the manure pit. Especially at the transition from solid floor to grids. It was therefore no longer possible to empty the pits.

In order to solve the problem, Houbraken started adding BioAktiv to the manure in consultation with Jos Hendriks from Topturn. Hendriks mixed and sprayed the BioAktiv Liquid Manure to the manure pits and flooring (Liquid Manure-oxygen activated calcium carbonate). The results of applying BioAktiv Liquid Manure, can be seen from the foam layer - air bubbles on the manure. Floating and settling layers dissolve as a result. After one round, a large part of the manure clumps had been reduced. In consultation with Hendriks, he subsequently switched to administering BioAktiv Salis (Animal Water – sodium chloride) via the liquid feed. Since then, the manure pits have always been empty.

Houbraken finds the administration of the BioAktiv Salis through the liquid feed easier. "I can be confident that I'm improving animal health and environmental conditions in the piggeries. The pigs benefit from it, for example improved daily weight gain of more than 825 grams per day. It is clear to me that the results have been positive."

Holistic agriculture

Good growth naturally requires a good liquid feed ration. A large part of the liquid feed consists of home-grown Corn Cob Mix which is fertilized with our own pig manure which its by-products are wheat yeast concentrate, potato steam peels and wheat starch. "We practice holistic agriculture," says Houbraken. "With the by-products, I always pay close attention to fresh quality feed products, because nutritional liquid feed is necessary for good results".

The use of the BioAktiv also has had a positive effect on the air quality in the stalls. This system can do its job well in the piggery with the cooling deck, the air in the other barn is also better, which is equipped with an air scrubber: there is clearly less ammonia and odour emissions. Hein thinks this is very important. "Good air quality is better for the pigs, as well as for myself. After all, I have to work in the stable every day".

No more flies

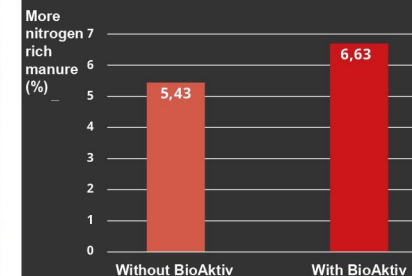
An additional advantage of BioAktiv through the liquid feed is that there is no more fly nuisance. The floating layer where the fly maggots can grow is simply no longer there. "I have not seen maggots for over two years. So, I also saved on insect control costs". Finally, separating the homogeneous slurry works better. Houbraken has been able to recover more friable manure per cubic metre, than previous to introducing BioAktiv. The aqueous fertilizer manure also contains higher nitrogen, because the nitrogen content recovered in the solids is higher and ammonia has been reduced due to lower anaerobic material in the manure. "It provides benefits when fertilizing the maize land with the more friable manure."

The use of the additive costs 1.50 euros per place per year. Houbraken thinks it is a good investment. "I will never have problems emptying the manure cellars again. The other advantages also count: better manure separation, no fly nuisance, better air quality in the stable and pigs that grow well".

Would you like to know more about the experiences of pig farmer Hein Houbraken with BioAktiv? Go to www.varkens.nl, read the in-depth article and look at Company in the picture.

<https://www.varkens.nl/nieuws/2019/03/28/toevoegmiddel-voorkomt-volle-putten>

BioAktiv as a feed additive



Adding BioAktiv to the liquid feed not only solves the manure pit problem. The quality of the manure has also noticeably improved. The ammonia emissions are lower, which can be seen in the higher nitrogen content of the slurry. Dissolves sediment layers and reduces floating layers.

“I HAVE SEEN THE BENEFITS FROM BIOAKTIV. THEY GROW WELL, WITH THE AVERAGE DAILY WEIGHT GAINS, OVER 825 GRAMS PER DAY”.

BUSINESS DETAILS



Hein Houbraken (48) has a company in Gastel with more than 2,000 fattening pigs and rosé veal calves (calves slaughtered between 8 – 12 months old). He grows 78 hectares of maize for Corn Cob Mix and silage maize, 8 hectares of beets and 4 hectares of barley on his own and rented land.