

Malaysia: BioAktiv clears odour and gives benefits



Fig. 1: More pigs in a pen in Jong's farm

Malaysia, 4 Jan 2011: Pig Farm Owner, Jong Liu Jan of Liu Jan Farm, Serian, Sarawak, have found BioAktiv provides many benefits such as lower production costs including riding his pig farm of odour. BioAktiv is produced by BioAktiv GmbH, Germany and BioAktiv Far East Pte Ltd (BaFE) is its appointed representative in Asean and other regions.

Liu Jan Farm

The changes BioAktiv brought to his pigs could not have escaped the trained eyes of this respected and experienced farmer in Sarawak.

Jong who started raising pigs with only four sows in 1976, had more than 500 sows at his peak in late 1990s before the price hike in livestock feed. His farm currently has more than 300 sows and 3,000 pigs.

The Trial

Liu Jan Farm started using BioAktiv in June 2010 after recommendation by Water Point Trading Co (WPTC), the appointed Sarawak dealer of BioAktiv Malaysia distributor, ENV Technology Sdn Bhd (ENVT). The farm has been using the recommended dosage of 200 grams of *BioAktiv for Feed* for each ton of feed.

Sows – more milk, less weight loss

BioAktiv was first used on the sows in the farm. Within days, Jong noticed that there was no undigested corn in the faeces of sows. The faeces were soft. This showed that BioAktiv enabled complete digestion and hence improved nutrients absorption making the sows healthier. The sows no longer bite the fencing iron bars because they were restless and wanted more food. Now the sows were more satisfied and slept after feeding. Jong also found the sows have lost less weight during

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lactation – a fact confirmed by a study conducted by University of Queensland, Australia previously. The healthier and better satisfied sows now produced more milk.



Fig. 2: A restful sow with breasts full of milk

Suckers – healthier, wean faster

After two to three months using BioAktiv, improvements were also noted on the sucker piglets. The piglets were found to look more pinkish – an indication of better health – than before. The piglets were generally heavier, more active and began suckling earlier than those before. Therefore, they also weaned a few days earlier. Being more satisfied with breastfeeding, the piglets were quieter and fight less for milk. The changes clearly showed that the sows' milk was more nutritious than before.

Environment – no odour, more pigs

Highly encouraged by the success of using BioAktiv on sows, Jong quickly extended it to the rest of the pigs in the farm. He soon reaped the benefits as there was no longer serious bad odour and the entire farm was much quieter due to calmer pigs and thus fewer injuries.

Minimum odour

BioAktiv ensured complete digestion leaving no traces of undigested food for bacteria to attack that caused emission of harmful foul gases.

After the use of BioAktiv, the pigs excreted a smaller amount of faeces thus the odour had been significantly reduced. The environment had become healthier for both animals and workers than before.

“You can even eat around the pens,” quipped Julian Foi of ENVT, who visited the farm with TH Lim of WPTC, and KB Goh and CS Cheong of BaFE.

Unlike other farmers, Jong no longer needed to face the odour problem – the toughest to be solved for the yearly renewal of pig farming license in Malaysia.



Fig. 3: All smiles (from right) – Goh, Cheong and Lim, another farm without any concern of odour

Less washing reduces operational cost

The 'cleaner' faeces also reduced the fungi growth in the pens especially on its walls. With smaller amount of manure excreted, the frequency of cleaning was also reduced, saving labour and water.



Fig. 4: Cleaner pen walls and floors, less washing, saving labour and water, and restful pigs

More pigs

The healthier environment created by BioAktiv has enabled Jong to increase the number of pigs in each pen from about 30 to more than 40 (see Fig. 1).

"With BioAktiv, I can expect to rear up to 5,000 pigs in my farm in the future," said Jong excitedly.

Animal Health – lower medical cost, higher profit

Jong said that with the use of BioAktiv, the pigs required fewer injections of minerals and medicines for health and disease prevention and the period to achieve the desired weight has shortened, saving his costs. There are fewer injuries and sick pigs recovered faster and more survived to the saleable age, hence providing higher profit than before.



Fig. 5: Fewer pigs in the sick pen and more pigs survive sickness and injuries

Tastier Meat

Healthier animals also produce better quality meat. This was confirmed when a regular customer of Jong called him recently. He was delighted to hear from the customer that the pork from his farm tasted better in that it had less fat and hence was healthier.

Conclusion – BioAktiv is worth it

The trial at Liu Jan Farm has proven that BioAktiv promotes the overall health of livestock animals hence improving feed conversion ratio, increasing daily average gain, saving medical costs, reducing mortality, eliminating odour, and increasing profitability. The benefits of using BioAktiv mentioned in this report have been proven in many other countries for more than 10 years now. Such technical reports are available from BaFE (info@bioaktivfe.com).

When asked if it is worth it to use BioAktiv, Jong replied, "At the price I am paying [for BioAktiv], definitely yes!" He added that he would recommend it to other farmers.

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