



# SCHAUER Agrotronic company report



**Family Kofoed in Bornholm, Denmark:**  
Modern sow breeding stable with innovative systems  
for excellent results.

**SCHAUER<sup>®</sup>**

PERFECT FARMING SYSTEMS



[youtube.com/user/stalltechnik](https://youtube.com/user/stalltechnik) | [facebook.com/schaueragrotronic](https://facebook.com/schaueragrotronic)



[www.schauer-agrotronic.com](http://www.schauer-agrotronic.com)





### Baby pigs like Baby elephants!

The very professional breeding farm Langemyregaard at the small island Bornholm in Denmark is producing piglets at highest productivity level. Peter B. Kofoed and his son Thorbjørn are managing the farm based on their excellent experience and integration of real data views of the sow farm. Therefore they have decided to invest into highest technology level of feeding and housing technology from Schauer Agrotronic (AT), powered by Bopil (DK) and the just have introduced Topic Norsvin TN 70 genetic. This guarantees stronger and healthier piglets as he had before on a reasonable high number of quantities. At a farm visit we had a closer look inside beyond the very successful farm management.

### Targeting stronger and healthier piglets on high level of quantity but not highest numbers. Makes sense?

The well-known proverb says, „When a man undertakes a journey, he has something to tell“. With a very warm welcome at the farm we started having breakfast together with the workers in the lounge. The family farm Langemyregaard has been integrating and treating their employees like family extended family members. Everybody does exactly know what to do in order to be part of the successful management and to achieve the high productivity target numbers.

### Table of hard facts of farm Langemyregaard, Bornholm, Denmark:

- Owner: I am Peter B. Kofoedfoedd and now have 600 ha farmland. I took over after my father in 1990 in 5. Generation on the farm where the farm had 69 ha farmland and with 1800 slaughter pigs pr. Year.
- In 1991 we rebuild in the old stables to 150 sows and 3000 slaughter pigs pr. year
- In 2004 we build a new stable with transponder plus a stable with Spotmix to 5360 places for piglets.
- In 2020 we build a new farrow stable with 216 BeFree places, so we today have about 670 sows and full production with slaughter pigs 21.000 situated on 3 more farm sites nearby.
- My son Thorbjørn is the boss of the pig production, and I, Peter take care of the farmland.
- We have 3 employers in the sow production and 2 employers in the slaughter production.

### Key Data of production on the sow farm:

- Born live piglets 15,3 pcs
- Death in BeFree 10 % (death and crushed)
- Average piglets weaned pr. sow pr. year about 31 pcs

- Average weight of weaned piglets 10 kg – 29 days old.
- Average piglet weight farrowed per litter: 132 kg

One year ago, in Nov. 2020 the farm decided to change their excellent genetic to Topics Norsvin TN 70. They achieved at that time incredible high number of 39 piglets per sow and year but the decided to change their genetic in order to improve the quality of piglets being stronger and healthier. The sows do have more tits (min. 16 or more), higher milk performance and better mother instinct. Almost unbelievable but true the farm is not using nursing sows or a suckling feeding system additionally to feed the piglets.

Because they are finishing their own pigs in a closes production cycle they could reduce the average production time until selling the pigs to the slaughter house of 12 days. These altogether increases the productivity, reduces – especially the feeding costs and there for increases the rentability of the production.

### Schauer advanced feeding and housing technology is the master tool for professional sow management.

Actually, there are 600 sows at the breeding farm. The new farrowing stable is already prepared for 800 sows in total. There is the plan to extend and renew the breeding and gestation are of 200 sows to 800 in total next year. Langemyregaard applied a 2 weeks management rhythm on the farm. The group size is 72 sows each. There are 3 farrowing rooms which was built in 2020 and equipped with the 220 BeFree farrowing boxes and fed by the new MamaDos sow feeding system. Sows are only for few days in the breeding are or insemination. Then the sows are moved to the gestation are where there are 6 Compident 8 ESF systems for 2 dynamic groups of sows – each with 250 sows. For pregnancy check the sows are automatically sorted to the corridor, where pregnancy will be checked manually. Additionally, there is another room for gilts where there are additionally 2 Compident trainee (for the young gilts), and one Compident 6 ESF training station to train the heavier gilt just before insemination. Additionally, there has been used the Spotmix Welfare feeding providing feed and straw for the animals.

### Spotmix multiphase feeding system is providing the right feed (mixture) to the right place in the right time for the entire breeding farm. Strohmatic and Spotmix welfare is providing chopped and dedusted straw automatically for the animals.

The farm Langemyregaard is producing their own feed components like wheat and barley by themselves. Of ‘course they need to buy protein, minerals and fibre components, but they are using Spotmix a central feed mixer which is able to mix the right recipe and quantity of feed for each department in the breeding farm. The feed is

transported pneumatical by a strong industrial air blower. The feed can be dosed directly into the trough (e.g. for small weaner stable for gilts) or hopper (e.g. Compident ESF or for MamaDos provided by a dry feed chain system) will be filled automatically. Additionally, with Spotmix Welfare chopped and dedusted straw which is provided by the Strohmatic straw distribution system. “This works fantastic and saves a lot of time and money”, Thorbjørn is happy to tell us.

### BeFree farrowing system and MamaDos boosting performance in farrowing.

When Thorbjørn told us about the fantastic result of only 10% of mortality including crushed piglets and to achieve a final average piglet weight of slightly more than 10 kg after 29 days, everybody will understand, that there can’t be something wrong, even he thinks the could even increase these numbers in the future. BeFree with 6,7 m2 and a dimension of 2,8 x 2,6 m basically allows to handle all the activities at the farrowing box from corridor. At the same time, if the worker needs to enter the box, the BeFree-crate protects humans from any aggressive sows. Most important of the BeFree farrowing system is the “wind and waterproofed” piglet nest. Of course, there is no outdoor area and no rainfall in the farrowing room, but the excellent protected piglet nest always provides a warm and dry environment for the piglet. “The temperature of the farrowing room (when possible) is just 18 °C. In the piglet nest there is a warmwater floor heating and an intelligent and depending on the age of piglets automatically adjusted Unitron 2 zones infrared heating system on the top of the cover. So, temperature inside always is perfect and encourages piglets fast to move from the “cold” moving area with the sow after suckling to the warm and cosy area inside the piglet nest”, emphasizes Thorbjørn Kofoed.

The warm water floor heating is powered by a 64-kW heat exchanger where the slurry permanently is cooled down and the heat can be forwarded by warmwater – separated in 3 zones (piglet nest, sow lying are and corridor) – to the farrowing room. This system saves a lot of energy and reduces Ammonia (NH4) emissions for a better environment.

MamaDos sow feeding system is automatically dosing the feed concerning individual adapted feeding curves 5 times a day to the sows in the farrowing room. Thorbørn allows each sow – depending on their individual performance – which he checks personally and adapt the feeding level by PigManager Mobile App on the mobile phone to get up to 120% of amount concerning feeding curve.

Thorbjørn Kofoed is not just the responsible farm manager has mastered it perfectly to play with the numbers and to optimize it. With PigManager Mobile, he has access to the consumption data of

all installed systems in the stables and also to the functional control of the Compident ESF and to MamaDos as well for manual operation (remote control). Therefor he also checks the specified and consumed amounts of feed for each sow himself in the farrowing stall. At all, he manages impressively to achieve the maximum possible feed intake.

Spotmix Welfare is providing straw for enrichment 2 times a day in small portions. Finally chopped and dedusted straw is 24 hours available for the sows. They are more relaxed this also result in lower numbers of crashed piglets.

### Weaner and Finisher production at three extra farm sites nearby – FRATS production system.

More or less it as wean-to-finish production system where the double numbers of piglets stay together until approximately 50 kg liveweight and then split into 2 groups, where the pens a in short distance to the weaner and pre-finisher pen. In these areas Peter Kofoed has been using Spotmix multiphase feeding system since 2003.

### Outlook to the future of Pig Production at Langemyregaard.

Actually, the production is conventional and (meat-)export oriented at the end. The idea for the future is to produce their own brand, where the already higher level of animal welfare should end up in a higher price for product. Schauer’s local distributor Bopil took care about project management and after sales services. Within this partnership big value is added. We’re congratulating the family Kofoed to their excellence in pig production and wishing all the best for the future.

**WATCH VIDEO NOW!**





## CONTACT

INFORMATION  
ENQUIRIES  
OFFERS



**SCHAUER Agrotronic GmbH**  
Passauer Straße 1  
AT-4731 Prambachkirchen  
+43/72 77/23 26-0  
[office@schauer-agrotronic.com](mailto:office@schauer-agrotronic.com)



**SCHAUER Maschinenfabrik GmbH  
Vertriebsgesellschaft**  
Gewerbering 19  
DE-94060 Pocking  
+49/85 31/82 72  
[germany@schauer-agrotronic.com](mailto:germany@schauer-agrotronic.com)



**SCHAUER Agrotronic AG**  
Sentmatte 4  
CH-6247 Schötz  
+41/41/926 80 00  
[office@schauer.ch](mailto:office@schauer.ch)



# SCHAUER®

PERFECT FARMING SYSTEMS



[youtube.com/user/stalltechnik](https://www.youtube.com/user/stalltechnik) | [facebook.com/schaueragrotronic](https://www.facebook.com/schaueragrotronic)



[www.schauer-agrotronic.com](http://www.schauer-agrotronic.com)