



## SCHAUER Agrotronic Case Study



**Ten Have Mellema** – a Dutch animal welfare pig stable in the “Beter Leven 2 Stars Program” with key technology from SCHAUER Agrotrotronic for feeding and bedding!

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Annechien Ten Have Milema is well connected in the Netherlands and is known as an expert in animal-friendly pig farming. "The idea was to bring more animal welfare into the conventional production," she told us in an interview with Vincent ter Beek from Pig Progress about the new animal welfare fattening stable for 5000 fattening places. The pigs are marketed under their own brand "Hamletz".

#### **An innovative and environmentally friendly production thought through to the end.**

Similar to organic guidelines but under finally under conventional conditions, an attempt was made to represent the entire production cycle on the farm. The feed, even protein components, are grown on own farm land and the manure, which has been pre-separated through the separation of faeces and urine, is used in the biogas plant and later again spread on the own fields. The separation of faeces and urine in the slurry channel also enables a better stable climate and a reduction of ammonia emissions. The urine is stored separately and spread to its own fields as well. The Strohmatic system enables the automatic straw distribution and consequently the manure to be prepared for the biogas system. With the Spotmix multi-phase feeding, the flexible feed requirements of the continuous filling of the pens can be realized. At the same time, this is a further contribution to the reduction of ammonium emissions.

#### **Ten Have Mellema - a growing pig farm on the path to success, through production and marketing.**

The old sow barn for 300 sows was built in 2000, and the extension followed in 2014 for 600 breeding sows. In 2018 additional 5000 fattening places were built. This means that actually approx. 300 fattening pigs are sold per week, 180 of them currently under the brand Hamletz (Beter Leven 2 Stars), the rest under Beter Leven 1 Star. Annechien Ten Have takes care of its own marketing in the retail trade and has a

slaughterhouse nearby as a cooperation partner, which carries out the processing and packaging.

As part of the specifications of the Beter Leven 2 Stars program, the fattening pigs are kept in a structured stable in pens of 63 animals with 1.1 m<sup>2</sup> partially perforated area inside and a partially perforated and partially roof-covered outdoor area of 0.7 m<sup>2</sup>. The two new fattening stables, each for 2,500 fattening pigs were completed in 2018. The special feature: Interested visitors can get their own picture of the pigsty from the outside via a hygienically separated visitor terrace with a seminar room equipped with a glass front.

The Strohmatic straw distribution system and the Spotmix multi-phase feeding are the key technologies to ensure the large animal welfare fattening stable economically cost-effective. The Strohmatic straw distribution system is equipped with large pre-storage. So straw can be stored for 4 to 5 days, and distributed automatically. Spotmix multi-phase feeding enables a flexible mixing of the raw feed components and individual distribution of feed into the barn. The Spotmix Welfare, an additional option of the Spotmix multi-phase feeding for the distribution of enrichment material, was installed in the new weaner stable.

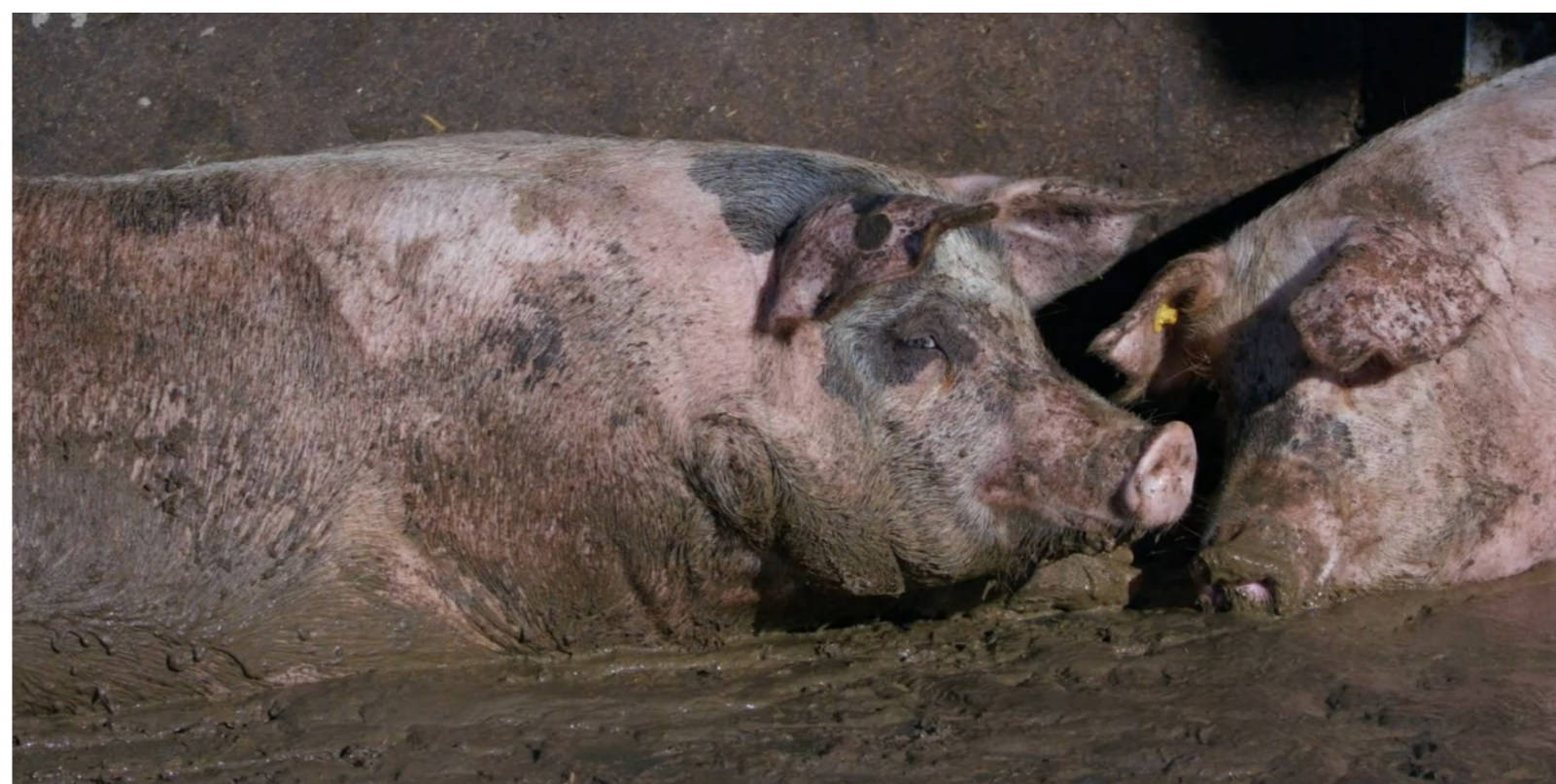


#### **The breeding area follows the demanding guidelines of the animal welfare program step by step.**

The sows are kept in so-called free farrowing pens. The majority (80 pens) are "Pro Dromi" free farrowing pens. The old farrowing pens with permanent fixation of sows are also being gradually converted.

For this purpose, 8 Befree free farrowing boxes from Schauer have now also been installed for testing. The weaner stable also offers more space for piglets (0,5 m<sup>2</sup>/piglet) but without an outside area.

**WATCH THE FULL VIDEO NOW!**



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