

## Reference: Slurry

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**Product:** Biosa Composter (composting agent)

**Animal:** 7.500 pigs/year

**Country:** Denmark

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**Problem:** Odour nuances in and around the stables, the wish to create a better and healthier work climate, so that asthma masks can be avoided.

**Dosage:** To reach an optimal smell reduction, activated Biosa Composter is continuously spread in the stables through a high-pressure atomisation system. There is a system to control each of the stable departments, which assures that the right dose is given according to the climate and size of the pigs. With an outdoor temperature of approximately 10-12°C the system in the stables for slaughter pigs runs with an interval of 100 seconds every 3 hours. With a pressure of about 120 -150 bar, the system can spray 0,4 litre per nozzle. The nozzles are placed 2,50 metres over the floor and in a way that makes the squirt strike directly over the slats. Biosa Composter is measured out by a pump that adds approximately 15% to the system, and 3 - 4 litres of Biosa Composter are used per ton slurry, according to a consumption of 1,75 litres of Biosa Composter per produced porker.

**Results:** A quicker composting process in the slurry (foaming slurry in the containers) and thereby a reduction of the pH and the evaporation of ammonia. Significant improvements of the odour, primarily in the stables from a classical strong smell of pigs to a fresh smell (a bit like freshly baked bread). Only minimal odour nuances during the slurry handling.