





Gylleseparation
- få styr på dit fosfor og tørstofindhold

- Prisrigtige og enkle separationsanlæg
- Stor kapacitet over 60 m³/h i svinegylle
- Stationær kundetilpasset opbygning
- Fosfor koncentreret effektivt i fiberen
- Alle medieberørte dele er i rustfrit stål

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- Fodring
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Save money with LED lights

30 Sep 2014 at 12:49 | By Leif Vestergaard, pig consultant, Swine Advice

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LED light is energy efficient, but it also has disadvantages. You still have to deal with brightness in the barn and durability of the fixtures. Photo: Archive photo.

You can save money with LED lights, but you must remember to be critical of the quality of the amateurs.

The electricity consumption in the pig barns is of a considerable size, which means that savings must be made where savings can be made. However, you have to remember that it is only when we start chasing the last energy saving that the problems come.

Light in sow barns is a big focus, especially as we approach the darker seasons. The recommendations in the running barn are a minimum of 150 LUX 16 hours a day. There are no experiments to support this recommendation, but we have a good guess that there must be enough light.

Some LED fluorescent tubes are now of such good quality that it may be worth the risk to install them. The big question then is whether you can simply replace the old fluorescent tube with an LED tube like this without further ado? Yes, when replacing individual pipes, you can, but when replacing several pipes, there are some important factors that must be taken into consideration beforehand.

In running stalls and stalls, the need for the right amount of light is very important for reproduction. As mentioned, we recommend a minimum of 150 Lux for 16 hours per day measured at muzzle height, but that recommendation is rarely followed, regardless of whether there are fluorescent tubes or LED lights in the department. We are often surprised by how little light is actually present when we measure with a Lux meter in the barn. The general feeling can be good when you walk around the barn, but we forget to take into account that not all the animals have the same opportunity in terms of location. It could be the bolts that have been in a box in a dark corner of the stable for a long period.

In the case of a new building, the requirement is thus 150 lux everywhere in the barn, but the calculation never takes shade from fixtures into account. Examples have thus been seen of less than 40 lux at nose height in a newly built running section. Read more in the latest issue of Hyo to be published 3rd of October.

If you have a subscription to the magazine, the article can also be read at www.hyo.dk - [click here](#).

Non-subscribers can also read the article on the website by purchasing access to the article.

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