

## 简易节能猪舍的探讨

### AN APPROACH ON SIMPLE AND ENERGY-SAVING SWINE HOUSES

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中文摘要：

我们于1985年8月至1986年2月,在我校试验站进行了卷帘式、有窗式和无窗式(不装空调)三种猪舍的对比试验和观测,结果表明:1. 正北京地区,用上述三种猪舍饲养30~90kg的猪,各舍试猪日增重和饲料利用率,在夏秋冬三季均无显著差异;2. 卷帘舍夏季通风好,有利于防暑,但冬季保温较差;无窗舍夏季通风差,较闷热,冬季保温虽好,但湿度较大;有窗舍夏季防暑和冬季保温均较好;3. 无窗舍除大跨度空调猪舍外,小跨度自然通风光照猪舍不易采用;卷帘舍在北京及其以南地区可用于小跨度育肥及成年猪舍;有窗舍可用于饲养各种猪的小跨度猪舍,各地均可采用。

英文摘要：

A Comparing test with three different construction types of natural ventilation swine houses (1) with roller curtains, (2) with windows, and (3) without window was made from August, 1985 to February, 1986 in Beijing. The analysed results are as follows. 1. There were no distinct differences in daily gain and feed utilizing rate of fattening pigs (30—90 kg in weight) raised among these three types during the testing period. 2. The roller curtain house had better natural ventilation in summer but was colder in winter. The windowless house had the worst air conditions in summer and over humidity in winter. The house with windows can provide good microclimatic environment in any season. 3. The windowless house can only be used in wide span and with mechanical ventilating systems. The swine house with roller curtains can be used for raising finishing and adult pigs in Beijing and areas to the south of Beijing. The window type was suited to all kinds of pigs in any area of China. Note: Some other personals to take part in this experiment, they are: Yin Yuling, Jin Yuzhou, Di Gouzhong, Li Jixiang, Liu zeli, Shang Sujie, and pan Wenli.

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