浅谈纵向负压通风

Elementary Introduction on Tunnel Ventilation

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中文摘要：

舍内环境因素诸如温、湿、有害气体、风速等很大程度上受通风工艺的影响。横向通风改为纵向通风后,舍内气流速率提高近6倍,且气流分布均匀,舍内氨气浓度和微生物数量分别降低50%和68%,粉尘含量也由34.6mg/m^{3}下降为11.4mg/m^3,节省电力23.7%

英文摘要：

Poultry housing enviromental factors, such as temperature, humidity .poisonous gases and air velocity, are affected by ventilation technology to a great extent. Compared with the Cross Ventilating house,enviroment of Tunnel Ventilating house has been improved a lot: air velocity increased, about 6 times and air movement distributed more uniformly. The level of amonia and the mumber of micro-organisms decrease 50 percent and 68 percent respectively. Dust also reduces from 34.6mg/m^3 to 11. 4mg/m^3 and 23. 7 percent of power has been saved.

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