

集约化猪场粪污处理工艺的研究

Research on Technology of Swine Manure Treatment on Intensive Scaled Swine Farms

投稿时间：2001-5-14

稿件编号：20010736

中文关键词：储粪处理；固液分离；沉淀；厌氧池；好氧池；堆沤发酵

英文关键词：swine manure treatment；solid-liquid separation；sedimentation；anaerobic digester；aerobic digester；pile fermentation

基金项目：

作者	单位
李长生	农业部规划设计研究院

摘要点击次数：17

全文下载次数：13

中文摘要：

根据我国集约化猪场排粪方式和粪水的特性，提出了采用人工清粪方式、固液分离机+沉淀+UASB+SBR+水生植物塘的污水处理工艺和猪粪（渣）堆沤发酵生产有机肥的粪污处理新工艺。经上海市嘉定种畜场污水处理工程实践证明：在保证污水全面达标排放和猪粪（渣）无害化处理的前提下，新工艺比常规工艺节约工程投资35%、节约运行电费65%左右，经济效益好。

英文摘要：

In accordance with the characteristics of swine manure-discharging way and the property of swine wastewater on intensive scaled swine farms in China, a new technology of swine wastewater treatment and swine manure fermentation to produce organic fertilizer was presented. This new technology includes cleaning manure by manpower, solid-liquid separator+sedimentation basin+UASB+SBR+aquatic plant pond. The project practice of swine wastewater treatment in Shanghai Jiading breeder farm showed that the new technology can save 35% of the project investment, 65% of the operating electricity charges with good direct economic benefit, on condition of guaranteeing the prerequisite that the discharged swine wastewater reaches the state standard all-sidedly and swine manure is pollutionlessly treated.

[查看全文](#)

[关闭](#)

[下载PDF阅读器](#)

您是第607235位访问者

主办单位：中国农业工程学会 单位地址：北京朝阳区麦子店街41号

服务热线：010-65929451 传真：010-65929451 邮编：100026 Email: tcsae@tcsae.org

本系统由北京勤云科技发展有限公司设计