

# Development of Clean Piggeries with EM Technology

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**Abstract:** *Swine production plays a prominent role in the agriculture of China. However, the swine industry has many problems, among which environmental pollution plays an important role. Thus EM was used to overcome this problem in a pilot study at the China Agricultural University. Application of EM reduced indices such as BOD, COD, ammonia contents and hydrogen sulphide to levels that were 50% below the national standard. This reduced the requirement of chemicals. The use of EM increased feed utilization rates and daily weight gains in swine, resulting in enhanced profits due to greater production of better quality meat. Tests by the Ministry of Agriculture proved that this technology was environmentally friendly, which could be used for cleaner production units of swine that could generate higher yields and profits in China.*

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