

## 北京市郊农业生态环境的工程对策研究

### Study on Engineering Measures for the Improvement of Agroecological Environment in Beijing

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中文摘要:

农业生态环境的保护是农业生产获得持续发展的重要基础条件之一。在调查研究北京市郊农业生产和农业废弃物基本情况基础上, 针对主要农业废弃物给生态环境造成的影响与危害, 分析研究了将其进行处理、利用的各种可操作性工程对策, 以期不断改善京郊的农业生态环境, 推动农业持续发展。

英文摘要:

Protection of agrieological environment is one of the most important requirements for sustainable development of a griculture. Some factors seriously influence ecological environment, such as the producing of agriculture waste and its h armfulness caused by improper treatment. The total area of Beijing is 16,800km<sup>2</sup>. It is consist of urban area of 800km<sup>2</sup> an d rural area of 16,000km<sup>2</sup>, which is 95% of the total area. The agroecological environment of Beijing has two functions. F irst, it must produce grain, vegetable, oil, meat, egg and milk. Secondly, it has to dispose great amount of waste from a griculture, industry and daily life, to maintain and adjust the ecological system balance. The treatment and comprehensiv e utilization for these waste is related to many technical and engineering problems, and it is a new field of research in economy development. This article analy-sises and discusses the present situation of main agriculture waste in Beijing wh ich includes crop straw, livestock and poultry manure, residual plastic in soil, the influence on ecological environment, capability of operation and engineering measures of disposition and utilization. The article aims at further dispose and utilize agriculture waste and continuously improve the agroecological environment quality, to maintain the sustainability of agriculture development.

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