

农学—研究进展

盐碱土植物改良研究进展

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摘要:

随着土壤资源的紧张以及人口数量的剧增, 盐碱土资源利用以及如何进行盐碱土改良成为世界性的重大课题之一。据此, 本文重点综述了利用耐盐植物改良盐碱土、植物改良盐碱土的强化措施及微生物-植物联合改良盐碱土。最后对盐碱土植物改良研究趋势进行了展望, 以期为中国盐碱土植物改良的研究和发展提供参考依据。

关键词: 微生物-植物联合改良

Advances of Researches in Plant-improvement of Saline-alkaline Soil

Abstract:

With the tension of soil resources and population explosion, utilizing of saline-alkaline soil resources and how to improve saline-alkaline soil have become one of the major cosmopolitan issues. The reviews related to plant-improved measures of saline-alkaline soil focus on utilizing halophytes to improve saline-alkaline soil, intensive measures of saline-alkaline soil improvement by using halophytes and microbial-plant remediation of saline-alkaline soil. The research trends on saline-alkaline soil plant-improvement were prospected in the end, which provided vital information on studies and future development of saline-alkaline soil plant-improvement.

Keywords: microbial-plant remediation

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