

农学—研究报告

水稻营养生长发育阶段系统的划分

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摘要:

文章综述了水稻营养器官(根、茎、叶)生长阶段的系统划分。在以往形态学和解剖学阶段划分的基础上,整合了近年来分子遗传学的研究进展,突变体的发现使发育阶段的划分更加准确和完善。从分子水平搞清水稻的结构及发育阶段可以为水稻的高产和稳产提供理论基础。

关键词: 发育阶段

Highlights in theVegetable Stage System of Rice ( Oryza sativa L.)

Abstract:

This paper reviewed the phasic development of the rice plant and described in detail the developmental courses of root, shoot and leaf. These studies were based on the morphological and anatomical viewpoints. Recent advancement in genetics and molecular biology was integrated into the substages of each rice vegetable organ. Many mutants were found in the rice and this made us categorized the developmental processes more accurately. This work made the architecture and the developmental stages of rice plant cleared from the molecular aspect and also provided a theoretical foundation for various rice varieties with higher yield potential and greater yield stability.

Keywords: development staging

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