

生物技术 生命科学

超级稻生态育种及超高产栽培特征与途径的研究进展

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摘要:

超级稻是目前作物生产领域的研究热点。围绕超级稻,回顾了超级稻育种的发展,并重点介绍了几种典型生态稻区株型模式,进而分析了超级稻的一些栽培特征,最后展望了超级稻的未来和发展方向。超级稻穗大粒多、叶片直挺、株型紧凑、茎秆粗壮、根系健壮,抽穗后干物质生产积累优势明显,超级稻栽培根本途径在于“强支撑、扩库容、促充实”。

关键词: 超级稻;生态育种;栽培特征

Research Progress on Ecological Breeding and Cultivation | Characteristics of Super Rice and Approaches of | Super High Yield

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Abstract:

Super rice was a hot spot in crop production at present. The development of super rice breeding was reviewed and several typical patterns of ecological rice production regions were highlighted. The cultivation characteristics of super rice were analyzed. Finally, the future development of super rice was forecasted. Super rice has big ear, straight leaf, compact plant type, sturdy stem and robust root system. It had obvious advantages in dry matter accumulation after heading. The fundamental way for super-high-yielding rice cultivation relies on “strong support, expanded sink and promoted filling”.

Keywords: super rice ecological breeding cultivation characteristics

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