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大豆蛋白质和油分含量遗传研究进展

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摘要: 蛋白质和油分含量是大豆2个重要品质性状,其遗传研究对大豆品质改良尤为重要。该文从表型遗传分离规律、基因遗传模型、基因作用方式、遗传相关、遗传力及QTL定位等方面,概括了大豆蛋白质、油分含量的遗传研究进展。并提出利用野生大豆资源研究大豆蛋白质和油分含量遗传机理,为大豆品质改良提供理论参考。

Abstract: Protein and oil content are two important quality characters of soybean.Genetic research is very important to soybean quality improvement.The research progress on heredity of protein and oil content were summarized in this paper,through analyzing the phenotype segregation,genetic model,genes effecting pattern,heredity correlation,heritability and QTL mapping.Furthermore,wild soybean was proposed to be used in researching on heredity of soybean quality characters.

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