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蚕豆主要数量性状的遗传主成份和数量分类 Major Genetic Copmonent and Classification for Quantitative Characters in Faba Bean

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摘要 对50个蚕豆品种的7个数量性状进行了遗传主成份分析，初步提出了评选蚕豆品种的遗传主成份标准,并筛选出18个综合性状优良的亲本品种。测定了50个蚕豆品种的遗传距离，根据遗传距离大小,将50个蚕豆品种聚类为2群、3类、9组。分类结果指出,蚕豆品种的遗传距离大小与地理差异有些似有一定关系,但在总体上,二者间无必然联系。

Abastract:Analysis of major Genetic component analysis was performed for 7 quantitative characters of 50 faba bean lines and according to the analysis,18 lines were selected as parents.The 50 lines were classified into 2 subpopulations,3 types and 9 groups according to their genetic distance.The results showed that there was seemly a correlation between geographical distribution and genetic distance,nevertheless most lines within the same cluster were close in genetic distance but far in geographic sites.

关键词 遗传主成份 数量性状 数量分类 蚕豆 Key words Quantitative character Genetic principal component classification Faba bean
分类号

Abstract

Key words

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