

研究论文

黑麦(*Secale cereale*)的染色体组型分析

李国珍

北京师范大学生物系

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摘要 本试验用涂片法制片,以低渗、酶解、火焰干燥以及分带等处理我国“甘肃黑麦”和加拿大黑麦“Kustr o”的根尖细胞。从形态、C带带型分析和比较了其染色体组型。两个品种无显著差异。其染色体的端粒带、核仁缢痕带都显著而较稳定。着丝点带也常出现。中间带变化较大。所有染色体分为三组:中部着丝点染色体;亚中部着丝点染色体;随体染色体。

关键词

分类号

KARYOTYPE ANALYSIS OF RYE(*SECALE CEREALE*)

Li Guozeng

Department of Biology; Beijing Normal University

Abstract In this study slides were prepared by smear method with pretreat-ment of low temperature(0° -3℃),KCl,enzyme,flamedrying and diffe-rential stained with Giemsa technique for demonstrating the somatic chro-mosome of root tip of t he Chinese rye ‘Gansu’ and Canadian rye ‘Ku-stro’ .The karyotype was analysed by means of morphological compari-son and banding pattern of individual chromosomes of the rye genom.There are no significant differences between the chro-mosome sets of thetwo varieties studied.Both of them show p...

Key words

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