

## 玉米花粉植株后代H<sub>2</sub>减数分裂的染色体行为

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**摘要** 最近几年, 我国许多单位都成功地培养出了玉米花粉植株及其纯合植株后代。但在花粉植株后代的细胞遗传学方面还尚未进行研究。我们于1978年以玉米品种来宾白花. 粉植株姊妹交后代H<sub>2</sub>, 杂种桂单12花粉植株的自交后代H<sub>2</sub>为材料, 按常规的酒精-冰醋酸固定液固定材料, 醋酸洋红染色压片, 观察结果如下:

**关键词**

**分类号**

## MEIOTIC CHROMOSOME BEHAVIOR OF THE H<sub>2</sub> PROGENY OF MAIZE POLLEN-PLANTS

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### Abstract

During the last 20 years remarkable accomplishments in plant cell and tissue culture have been made. Hence, new vistas in plant genetics have opened up. Somatic fertile hybrids have been produced through fusion of protoplasts from different species. Pollen plants of many species, genera, and families have been obtained. Regenerated plantlets from calli of many species have grown to maturity and produced seeds. In addition some useful secondary plant metabolites were reportedly isolated. It is anticipated that in the next five or 10 years sexual cross-incompatibility between species, genera and even families will be overcome by this continuing progress.

### Key words

DOI:

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### 扩展功能

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