

研究论文

籼粳稻杂交育种研究

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收稿日期 修回日期 网络版发布日期 接受日期

摘要 作者研究了籼粳杂种的生育特性及结实性等经济性状的遗传变异,认为以出穗期为主要指标进行选择,结合其他性状的变异动态,逐步确立优良系统,有助于提高选择的效率,和建立较为合理的杂交育种程序与方法。

关键词

分类号

BREEDING STUDIES ON HYBRIDIZATION BETWEEN O.SATIVA L.SU BSP.HSIEN AND O.SATIVA L.SUBSP.KENG IN THE CULTIVATED RICE

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Abstract Since 1957 crosses between O.Sativa L.Subsp.Hsien and O.Sativa L.Subsp.Keng have been made with the object of breeding rice varieties possessing useful characteristics of the two subspecies. In the course of breeding studies, special attention was paid to the inheritance of the following characters, viz, heading date, fertility, number of florets per panicle and weight of grains. Hybrid vigor expressed in germination potentiality, tillering capacity and quantity of vegetable growth of the F_1 hybrids was observed in c...

Key words

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