

STUDY ON ECOLOGY OF MEDICAL PLANT ABRUS CANTONIENSIS

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Abstract The study was undertaken to know the geographic distribution the phytocoenological feature and other ecologic characters of *Abrus cantoniensis*. The result of principal components analysis showed that temperature was the principal factor to determine the distribution of *Abrus cantoniensis*. It dispersed on a certain part of the tropics and the subtropics of China, where the coldest average monthly temperature was over 10°C. It existed in the phytocommunity of *Pinus massoniana*-*Rhodomyrtus tomentosa*-*Dicranopteris discolorata*. In the distributive area, lateritic red earth developed from granite was a principal soil. The growing trend of stem and leaf showed two peak pattern. According to the ecologic character of *Abrus cantoniensis*, some suggestions for developing its production were put forward finally.

Key words *Abrus cantoniensis*; Phytocommunity



多用机动水稻插秧机在我校通过技术鉴定

由广东省科委下达我校工程技术学院的 1992 年至 1993 年“星火计划”前期储备技术研究开发项目——《多用机动水稻插秧机》已经研制成功,于今年 3 月 20 日在我校通过新产品技术鉴定。

该机可以栽插拔取苗,经换件调整后还可以栽插无土育秧小苗、薄土(5 mm 厚的覆盖土)育秧小苗、小苗少株(每穴 1~3 株的杂交水稻)。在鉴定会上被认为在小苗少株插植方面有较显著的突破,填补了我国小苗少株和一机多用插植机械的空白。

经广东省农机鉴定站检测,该机的主要性能指标达到作业质量的要求,较能适应水稻种植的不同农艺需要,处于国内先进水平。

(梁锋)