## STUDY ON ECOLOGY OF MEDICAL PLANT ABRUS CANTONIENSIS

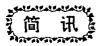
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Abstract The study was undertaken to know the geographic distribution the phytocoenological feature and othe ecologic characters of Abrus contoniensis. The result of principal components analysis showed that temperature was the principal factor to determine the distribution of Abrus contoniensis. It dispersed on a certain party 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—Dicranopteria discholomu. 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 contoniensis, 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)