

長形山藥不同種薯來源對產量及品質之影響

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摘 要：88 下半年自花蓮縣新城鄉及吉安鄉，於長形山藥生長期間，根據植株開花之情形，將植株區分為雌株及雄株，分別採收塊莖作為試驗用之種薯。89 年春將區分之長形山藥雌雄株種薯分別種植，據田間觀察壽豐山藥雌株生長期較雄株長及生育期間雌株生長勢較強。5 月中旬各植株陸續開花，在花期方面雄株歷時二週，雌株在一個月後逐漸膨大成種子；10 月下旬葉片掉落進行性狀及產量調查，在外觀方面雌株平直美觀優於雄株，產量亦以雌株較雄株高 7%；另雌花剪除與否對其性狀及產量之影響並不顯著。

Comparison of Agronomic Characters, Yield and Quality Between Female and Male Plants of Long-shape Yam “So-Fong”

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Abstract: This experiment was conducted at Chi-an site and Hsing-chen site located in the eastern part of Taiwan in the 1999 fall crop season. The tubers of male and female plants from the accession “So-Fong” were separately harvested for further test. In the 2000 spring crop season, the tubers of male and female plants were sown individually for investigation. Female plants grew more vigor and growth duration than male plants. The flowering duration of male plants was about two weeks. It was found the seeds in the pods of male and female plants grew quickly one month after fertilization. All leaves fell in the last ten days of October, meanwhile, the female plants outyielded than the male plants by 7% in yield. The influence of deflower on the characteristics and yield of female plants were no significance.