

## 仙草品系選拔

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摘要：從本省收集的 8 個仙草族群及大陸及印尼仙草族群中，各選出 1 個生育良好的單株，進行繁殖工作，做為品系比較試驗的材料。本試驗於桃園區農業改良場進行，以 TYS8606、TYS8607、TYS8701、TYS8702、TYS8703、TYS8704、TYS8705、TYS8708、TYS8709 及 TYS8710 等 10 個品系為材料，並以 TYY3 品系為對照，試驗採 RCBD、四重複，於 88 年 4 月 19 日定植，9 月 30 日收穫，試驗的結果以 TYS8607、TYS8710、TYS8704 及 TYS8701 四個品系的乾株產量較 TYY3 高。又經凝膠強度測試結果 TYS8710 與對照種 TYY3 之凝膠強度較高且差異不顯著，1.0 °Brix 之凝膠強度分別為 38.5 及 39.8g/cm<sup>2</sup>。

## **Selection of Mesona (*Mesona procumbens*)**

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**Abstract:** The purpose of this breeding program is to develop a new variety of Mesona with high yield of dry plant and high strength of gel-forming. Ten clones, including TYS8606, YS8607, YS8701, YS8702, YS8703, YS8704, YS8705, YS8708, YS8709 and TYS8710 were selected as material of yield test due to their good plant-type and special characteristics in observation trial. Four clones contained TYS8607, TYS8710, TYS8704 and TYS8701 had higher yield than the check clone TYY3. Moreover, TYS8710 gained the highest strength of gel-forming among clones, but it was not significantly different from TYY3.