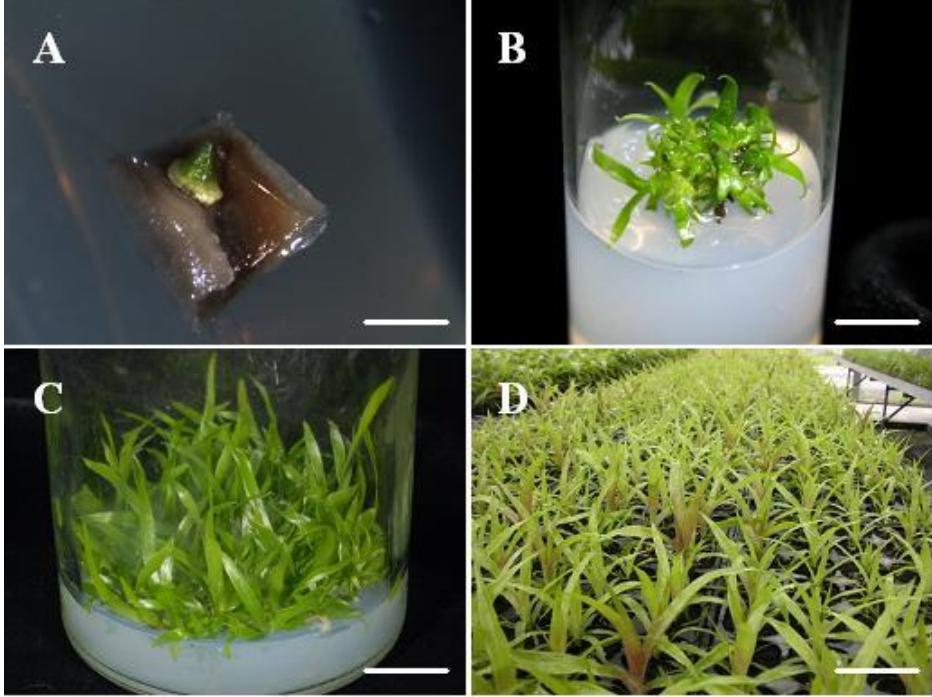


財團法人農業科技研究院及合作單位 可移轉技術簡介

| | |
|---------------------------------------|--|
| 技術名稱 Technology Term | 觀賞鳳梨組織培養繁殖技術 Tissue culture technology for ornamental bromeliads seedling propagation |
| 技術發明人 Technology Representative | 黃柄龍 Ping-Lung Huang |
| 技術應用領域 Technology Field | 觀賞鳳梨類植物種苗生產 Ornamental bromeliads seedling propagation |
| 技術簡介 Technology Description | <p>本技術為建立觀賞鳳梨(<i>Guzmania</i>、<i>Aechmea</i>、<i>Vriesea</i>)之直接不定芽誘導及植株再生系統，並可成功移植至試管外種植。本技術可應用於新品種的研發及量產均一的組培苗，解決種苗供應及降低種苗成本等問題。</p> <p>This technology investigated the direct adventitious bud induction and proliferation of ornamental bromeliads (<i>Guzmania</i>、<i>Aechmea</i>、<i>Vriesea</i>) via shoot apex and lateral bud explants culture to establish the shoot regeneration system, and could be transplanted for <i>ex vitro</i> cultivation. The technology can be applied to the research and development of new cultivars and mass production of uniform seedlings to solve the problems of seedling supply and reducing seedling cost.</p> |
| 技轉相關 圖/表 |  <p>觀賞鳳梨側芽培植體誘導直接不定芽發生及增殖之情形 Direct adventitious bud induction and shoot regeneration of ornamental bromeliads via lateral bud culture.</p> |