

野茉莉新品种‘嫣紫’扦插繁殖技术探索

徐梦寒¹ 钱沅灵¹ 许晓岗^{1*} 童丽丽² 戴韦¹ 李思颖¹

(1.南京林业大学南方现代林业协同创新中心, 南京林业大学生命科学学院, 江苏南京, 210037; 2. 金陵科技学院 园艺园林学院, 江苏南京, 210038)

摘 要:【目的】找到成本低廉、繁殖效率较高的方法来繁殖推广野茉莉珍贵新品种, 拓展园林植物种类, 满足百姓对观赏植物多样化的需求。【方法】以野茉莉新品种‘嫣紫’1年生半木质化枝条制作而成的插穗为实验材料, 进行扦插部位生根率比较, 同时探究不同激素组合和不同浸泡时间对其扦插成活的影响, 以期找到野茉莉新品种扦插繁殖技术的最佳组合配方。【结论】①以 500 mg/L 的 IAA+IBA+NAA (2:2:1) 复合激素配方处理 45 min 效果最好; ②插穗选择 5-9 节为最好; ③采穗时间以春末初夏 (5 月 5-15 日) 为最好。

关键词: 野茉莉栽培品种; 扦插繁殖; 生根; 生长调节剂; 安息香科

Exploration of cuttings propagation technology of a new Cultivated Variety of *Styrax japonicus* ‘Yanzi’

Abstract: 【Objective】The purpose of this paper is to find a low-cost and high-efficiency method to propagate and promote this precious new variety, expand the variety of garden plants, and meet the people's demand for diversified ornamental plants. 【Method】In order to find the best combination formula of cuttings propagation technology of the new variety 'Yanzi', we used cuttings made from one-year-old semi-lignified branches of the new variety 'Yanzi' as experimental materials to compare the rooting rate of cuttings, and at the same time explored the effects of different hormone combinations and different soaking times on the survival of cuttings. 【Conclusion】①The best treatment effect is treated with 500 mg/L IAA+IBA+NAA (2:2:1) complex hormone formulation for 45 minutes; ②5-9 sections of cuttings are the best; ③Harvest on May 5-15 in late spring and early summer is the best.

Key words: CV. of *Styrax japonicus*; Cuttage propagation; Rooting; Growth regulator; Styracaceae