THE PROPAGATION OF YELLOW FLOWER TEA (*Camellia chrysantha* (Hu) Tuyama) FROM CUTTINGS

Nguyen Van Viet, Phan Dang Hoang, Tran Viet Ha

Summary

Yellow flower tea is high economic species with multi-purposes such as nutritious beverage, medicinal and decoration. Procedure for propagation of *Camellia chrysantha* (Hu) Tuyama from cuttings has developed. The research results showed that microbial treatment by benlat 0.5% about 15 minutes, cutting continue to be treated with substances of plant growth regulators in 5 minutes, the hormone indole-3-butyric acid (IBA) treated cuttings at 150 ppm reached survival rate of 83.33 percent, rooting rate was 68.33 percent, the bud regeneration rate of 81.67 percent and rooting coefficient was 11.89. Cutting tops as the survival rate of 78.33 percent, the rooting rate of 65.11 percent and rooting coefficient was 7.82. With the soil media (garden soil, rice husks at 1:1 ratio), the result of the survival rate of 81.11 percent and rooting rate of 72.33 percent. Shade light 50 percent as the survival rate of 84.44 percent evaluate the results.

**Keywords:** Bud regeneration, *Camellia chrysantha* (Hu) Tuyama, cutting, cuttings, rooting, yellow flower tea.