

# **THE PLANT MORPHOLOGY OF A LONGAN SEEDLESS INDIVIDUAL SCREENED AT SOC TRANG PROVINCE**

**Nguyen Ba Phu, Le Truong Giang, Nguyen Bao Ve**

## **Summary**

The research was carried out to record the plant morphology of a longan seedless individual, screened at Long Phu district, Soc Trang province in 2017. Compared to Long longan cultivar trees of the same age and cultivating techniques applied, the similarly morphological characteristics of stem, leave, flowers and fruits was observed on the seedless one. Followings are the main differences that must be paid more attention to. Seedless long gan tree has fewer leaflets with smaller dimensions compared to Long longan ones (6.50 leaflets of 8.17 long, 3.54 cm wide and 7.87 leaflets of 10.3 cm long, 4.39 cm wide respectively). Flower branches of seedless longan trees were smaller than that of ordinary ones (18.7 cm long and 10.0 cm wide compared to 28.0 cm long and 17.3 cm wide respectively) and has fewer number with smaller petals (2.8 petal/a flower of 3.28 mm long and 1.48 mm wide compared to 4.9 petals/a flower of 3.94 mm long and 1.87 mm wide respectively). The fruit weight of seedless longan tree was quite low but the high economic value should be interested because of seedlessness.

*Keywords: Longan, seedless, plant morphology, Soc Trang province.*