

Abstract

To evaluate and select the potential stingless bee for tree fruit pollination of mango *Mangifera indica* Linn. The research area is in Royal Project Extension Huipao, Chiangdow, ChiangMai. According to the survey of stingless bee that able to breed and harvest honey two species: *Tetragonula laeviceps* and *Lepidotrigona doipaensis*. The result found that introduced control treatment is 32.78 fruit per plant, *T. laeviceps* outside net and inside net is 7-8 and 28.62 fruit per plant and *L. doipaensis* outside net and inside net is 8-10 and 12.24 fruit per plant. Moreover, yield of control treatment not regular shape and yield of *T. laeviceps* is big size, quality and good grade on product quality standard of Royal foundation.

Keyword Stingless bee, mango, Pollination, Highland

