

STUDY THE EFFECT OF PRUNING METHOD ON GROWTH AND YIELD OF RED DRAGON FRUIT H 14 IN NGUYEN BINH DISTRICT, CAO BANG PROVINCE

Nguyen Minh Tuan, Hua Thi Toan

Summary

The experiment was conducted on Red dragon H14 cultivar fourth years old in Nguyen Binh district, Cao Bang province in 2016. The experiment consisted 4 treatments was design in random complete block design with three replicated. The growth vegetative shoot, fruit setting, fruit parameter and fruit quality were recorded. The results showed that application of selective branch pruning method gave the shortest growth vegetative time (52-54 days) and increase number of shoots per trellis (89.7 shoots per trellis). Moreover, application of selective branch pruning also greatly highest number of bud (321.0 bud per trellis), highest fruit setting (51.6%) as well as fruit yield (26.65 kg per trellis). Therefore it could be conclusion that application of selective branch pruning method greatly enhance vegetative growth, shoot number, fruit setting as well as fruit yield in red dragon H14 cultivar.

Keywords: *Pruning, red dragon fruit, yield, fruit quality.*