

INFLUENCE OF SOME TEA PRUNING TECHNIQUES BY MACHINES ON GROWTH, YIELD AND RAW TEA GRADE OF SOME LDP1 VARIETIES IN PHU THO PROVINCE

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Summary

The results of research on tea pruning technique by machine in LDP1 tea plantation in Thanh Son - Phu Tho are as follows: (1) Regarding the technique of sparing canopy in spring crops, after pruning tea leaves manually, if we spare 10 cm of canopy, the yield will be higher than we spare 5 cm and 15 cm. (2) Regarding the times of canopies pruning, for tea harvested by machines, it can be pruned 3 times a year (1st time: to prune after the hand pruning in the spring crop; 2nd time: in may and june; 3rd time 3: in july - august), after two times of pruning by machine, to prune the canopy one time will improve the yield and quality more than two or three times a year or pruning the canopy every time after pruning by machine. (3) Regarding the technique of plucking tea buds which are higher than the canopies, in 1 batch of tea pruning by machine if we use said pruning technique twice (the first time after pruning by machine 10 days, the second time after 30 days) will reduce the rate of abnormal buds, inclusion proportion and yield of AB tea is increased more than the technique of pruning tea buds which are higher than the canopies 1 time / 1 batch and 2 times / 1 batch (the first time after pruning by machine 10 days, the second time after 20 days).

Keywords: *Mechanical tea pruning technique, tea-leaf pruning technique by adjusting canopy height, flexible tea-leaf pruning technique, productivity and quality of tea products, tea pruning machine, yield of mechanical tea harvesting.*