

Studies on the Power Pruner for Sugar Apple Orchard

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Abstract

The fruit tree power pruner was assembled by a gasoline engine of 1.7 ps knapsack-type and a desinged adaptor. The efficiency of the pruner was 4~6 times faster than the manual pruning. It took only 4.3 days/ha to finish the pruning work on 10 years sugar apple orchard and had 1.3 times and 1.8 times more efficiency than chain-saw type and manual pruning respectively.

Key words : Orchard, Sugar apple, Power pruner.

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