

NGHIÊN CỨU KHẢ NĂNG HẤP THỤ CO₂ CỦA RỪNG TRỒNG KEO LAI Ở CÁC TUỔI KHÁC NHAU TẠI ĐỒNG HỖ - THÁI NGUYÊN

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TÓM TẮT:

SUMMARY

This study focus on CO₂ absorptive capacity of Acacia hybrid plantation in Thai Nguyen which provided a basic line for payment of environmental services on general plantation and special reforestation CDM. This study was conducted at two different level plantation at 5 and 7 yearolds. Field surveys, standard samples and field standards tree analysis were conducted to collect data in the fields. Then, the samples were analysed in laboratory.

Results showed that total fresh biomass and dry biomass for the plantation of 5 and 7 yearolds are concentrated mostly in parts of the trunk, then the scene roots, and the lowest parts of leaves. The total carbon accumulation is 43.59 tones C/ ha at the plantation of 5 yearolds and 66.79 tones C/ ha at the plantation of 7 yearolds. The CO₂ absorb ability is 159.97 tons/ha at the plantation of 5 yearolds and 245.15 tons / ha at the plantation of 7 yearolds.