

RESEARCH ON CHARACTERISTICS OF THE REGENERATED CHESTNUT TREES (*Castanopsis boisii* Hickel et A . Camus) IN BAC GIANG AND HAI DUONG PROVINCE

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Summary

This research was conducted in Bac Giang and Hai Duong province in order to identify some of the characteristics of the regenerated Chestnut trees. The inventory results in total 23 transects indicated that the average height of the regenerated Chestnut tree in Hai Duong was 0.69 m, in Bac Giang was 0.75 m, while, the rate of high quality regenerated trees in Hai Duong (85%) is higher than that in Bac Giang (23.9). The percentage of prospective regenerated trees is mainly focused on the age of 2 and 3 (59.6% in Hai Duong and 82.6% in Bac Giang of the total number of prospective regenerated trees in the age groups). High density of the regenerated trees is found at the slope of 10-20 degrees, absolute altitude less than 100 m, canopy closure of 20%-60% and fresh bushes cover index is smaller than 50% with a distance range from 2.5 to 5 m to the seed plants. These can be considered as suitable site characteristics for the growth of regenerated trees of the Chestnut in order to propose solutions for supporting and stimulating the natural regeneration and development of the Chestnut forest in the research region.

Keywords: *Bac Giang, Chestnut Castanopsis boisii, Hai Duong; regeneration characteristics.*