

ASSESSMENT OF THE GROWTH OF SOME PROVENANCES OF *Manglietia conifera* Blume PLANTED IN THE NORTHEAST AND NORTHWEST REGIONS

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Summary

The study was conducted to assess the growth of some provenances of *Manglietia conifera* planted in the Northeast and Northwest regions with 07 provenances from three ecological regions of Vietnam: Northeast, Northwest and Central North. The experiment was arranged in full random blocks with 120 families, 8 replicates, 3 trees/plot, planting distance of 3 m x 3 m (density of 1100 trees/ha), experimental area for each region was 3.0 ha. The study results indicated that, after 3 years, there was a significant difference in the growth of height and stem volume among families in the trial at origin in Yen Bai (Northwest) and Tuyen Quang (Northeast). There were significant differences in growth and stem quality between provenances at Yen Bai, but there was no difference in growth and stem quality between provenances at Tuyen Quang. 02 promising origins for the Northwest are Chiem Hoa (Tuyen Quang) and Bach Thong (Bac Kan); meanwhile, promising origins for the Northeast are from Chiem Hoa (Tuyen Quang) and Anh Son (Nghe An).

Keywords: *Manglietia conifera*, provenances, growth, Northeast, Northwest.