

# **EFFECTS OF COLLECTING TIME OF SEEDS ON SEED QUALITY AND SHADING MECHANISM, SEEDLING BAG COMPONENTS ON SEEDLING GROWTH OF *Termianalia myriocarpa* SPECIES IN NURSERY**

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## **Summary**

*Termianalia myriocarpa* is a prospective species for big wood afforestation but there are very few reseaches on relevant issues of this species. Therefore, a research on time of seed collecting and nursery techniques of this species conducted in Forest Science Center of Northwestern Vietnam was necessary. The results revealed that time of seed collecting has significantly affected on quality of seeds. The best of collecting time is from 25 october to 20 january when the bunch of fruits are pink at the bottom and yellow at the top. At that time, the seeds can reach 88% of pure seeds and 75% of germination. In nursery stage, 25% light cover was the most appropriate. The seedling survival rate was 92.4% after six months old in nursery and 5.75 mm in stump diameter and 59.73 cm in height. The amount of seedlings met criteria for afforestation reached 95%. The components in seedling bag were 95% of soil layer B under forest cover and 1% NPK and 4% compost. The results of this research can apply to produce seedlings for afforestation in Northwestern of Vietnam.

**Keywords:** *Termianalia myriocarpa* species, seed collecting, nursery techniques.