

# DIVERSITY INGREDIENT OF ESSENTIAL OIL PLANTS IN TUA CHUA DISTRICT, DIEN BIEN PROVINCE

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## Summary

The results of the study for essential oil plants in Tua Chua district have identified 156 species, 116 genera of 48 families belong to 2 high vascular plants are Magnoliophyta and Pinophyta. Lamiaceae is the family with the highest number of species with 21 species, accounting for 13.46% of total species. The essential oils plants has 5 main stem types, they are herbaceous plants with 75 species, shrubs with 38 species, large timber trees with 20 species, creeping trees with 14 species and small trees with 9 species. In addition to the value for essential oils, the species also give other uses such as medicine with 156 species, making food with 54 species, wood with 25 species, spices with 26 species, making wine yeast with 17 species, 3 species of ornamental plants, 2 species of oil and 1 species has poisonous. 8 species of plants (accounting for 5.13%) have been identified as being endangered in Vietnam Red Book (2007) and 6 species of plants in Red List of Vietnamese medicinal plants (2006). These are species with a small number of individuals that need to have policies for conservation and development.

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