

## **Fruit morphological characteristics of cultivated *Aquilaria* lam. (Thymelaeaceae) in Peninsular Malaysia**

### **ABSTRACT**

The agarwood-producing tree, *Aquilaria* spp. was recently domesticated and largely cultivated for the purpose of sustainably producing agarwood in Malaysia. In this study, fruit morphological characteristics of five *Aquilaria* species commonly cultivated in Peninsular Malaysia are reported. Each species has significant fruit or capsule characteristics that could be used in species identification: *Aquilaria crassna* - huge and wrinkled, *Aquilaria hirta* - velvety and obtuse calyx lobes, *Aquilaria malaccensis* - paper-like texture and triangular calyx lobes, *Aquilaria sinensis* - diamond-shaped and oblong calyx lobes, and *Aquilaria subintegra* - fine hairs and rounded calyx lobes. These features are significant taxonomic characteristics for differentiating the five species.

**Keyword:** Species identification; Seed appendage

