

TREE SPECIES (SCIENTIFIC NAME)

Pinus merkusii

ENGLISH COMMON NAME

Merkus Pine

INDONESIAN COMMON NAME

Pinus

TREE FAMILY

PINACEAE

AVERAGE LEAF SIZE (CM)

15-25cm × 0.25cm
Length Width

DISTRIBUTION

 UNKNOWN

ELEVATIONAL RANGE (M)

0-2000M

TREE HEIGHT

LARGE (> 35M)



NATIVE TO

Region: Asia

Myanmar, Philippines, Thailand

Indonesia: Java, Sulawesi, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

 **ROBUSTA**  **ARABICA**

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Mycorrhizae are required for successful growth and allow seedlings to survive in more adverse sites. First thinning is usually carried out in year 9 or 10 then about every 5 years. Rotation cycle of 30 years is needed for optimal timber production and a cutting cycle of 15 years is usually practiced for pulpwood production

REGENERATION

Unknown

CULTIVATION

 **PLANTED**

PREVALENCE

Unknown

TREE BENEFITS AND USES

FARMER USES



Lumber, Medicinal, Product

Used as a general-purpose timber and can also be used for construction work, flooring, and boat building as it is fairly durable and heavy. Ethyl alcohol extracts of *P. merkusii* showed anti-cancer activity. In Indonesia, it has been successfully intercropped with Irish potatoes.

FARM SERVICES



Erosion Control, Unknown

BIODIVERSITY BENEFITS

Unknown

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