

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

SE 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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