



TREE SPECIES (SCIENTIFIC NAME)

Swietenia mahagoni

ENGLISH COMMON NAME

Mahogany

INDONESIAN COMMON NAME

Mahoni

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

≤60cm × 2-3cm
Length Width

DISTRIBUTION



EXOTIC IN INDONESIA

ELEVATIONAL RANGE (M)

100-500m

TREE HEIGHT

LARGE (> 35M)



NATIVE TO

Region: Americas

EXOTIC IN

SE Asia: Laos, Thailand

Indonesia: Java, Lesser Sunda Islands, Sumatra

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ROBUSTA



ARABICA

COFFEE IMPACT

Unknown

REGENERATION

Unknown

CULTIVATION



PLANTED

TREE MANAGEMENT

Spacing at 10 x 3 m (333 stems/ha) for pure plantation because it requires large amounts of light. Seedlings require light and are damaged by insects in dense shade. Irregular canopy cover is recommended as trees do not develop if the overhead shade is too dense

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Lumber, Medicinal

Bitter honey produced by honeybees feeding from this tree and dried seeds are used to make a medicinal tea to lower blood pressure and treat diabetes

FARM SERVICES

Unknown

BIODIVERSITY BENEFITS

✓ YES

Used for foraging and perching by many bird species. Food source for honeybees.

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Image: <http://specimens.kew.org/herbarium/K000380879> The Herbarium Catalogue, Royal Botanic Gardens, Kew. Published on the Internet <http://www.kew.org/herbcat> [accessed on 10 12 2020].