



TREE SPECIES (SCIENTIFIC NAME)

Swietenia macrophylla

PERU COMMON NAME

Caoba

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

11.5cm × **4.5cm**
Length Width

DISTRIBUTION



NATIVE TO PERU

ELEVATIONAL RANGE (M)

0–1500m

TREE HEIGHT

LARGE (> 35M)



COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

CULTIVATION



PLANTED



NATURAL

PREVALENCE

Unknown

TREE MANAGEMENT

The seeds are dispersed by the wind and planted by seed. Young trees are quite shade-tolerant, but full light combined with side protection is necessary for optimal growth. The tree is self-pruning and pruning is usually not necessary if it is established with sufficiently wide spacing. The age of rotation is 30-35 years when grown for wood.

TREE BENEFITS AND USES

FARMER USES

**Livestock Forage, Lumber, Medicinal, Ornamental, Product**

It is of excellent quality and used in the manufacture of luxury furniture, cabinetmaking, musical instruments and interior and exterior carpentry. Handmade arrangements are made with the fruits and flowers. The bark contains a large amount of tannins and is used to dye hides and leather. Crushed fruit peels have been used as a potting medium. The bark and seeds have medicinal use against fever and diarrhea.

FARM SERVICES

**Coffee Shade, Reforestation**

Reforestation: used as a pioneer species to reoccupy degraded agricultural land and has been used in reforestation projects

BIODIVERSITY BENEFITS

No

The flowers are visited by insects.

Last Updated: August 15, 2023

Image: Swietenia macrophylla fruits: Daniela Zappi © RBG Kew <https://creativecommons.org/licenses/by/3.0/> Swietenia macrophylla herbarium 1; Swietenia macrophylla herbarium 2; Swietenia macrophylla herbarium 3: Herbarium Catalogue Specimens Digital Image © Board of Trustees, RBG Kew <http://creativecommons.org/licenses/by/3.0/>

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