TREE SPECIES (SCIENTIFIC NAME)

Pseudosamanea carbonaria

COLOMBIAN COMMON NAME

Carbonero, muche, guacamayo

TREE FAMILY

LEGUMINOSAE

AVERAGE LEAF SIZE (CM)

18CM × **11CM**
Length Width

ELEVATIONAL RANGE (M)

10–1800M

TREE HEIGHT

LARGE (> 35M)

DISTRIBUTION

NATIVE TO COLOMBIA

NATIVE TO

Region: Americas
Latin America: Colombia, Costa Rica, Panama, Venezuela
Colombia: Antioquia, Caldas, Cundinamarca, Santander, Tolima, Valle del Cauca

EXOTIC IN

Latin America: Africa, Asia, Bolivia, Brazil, Cuba, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Peru, Puerto Rico

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

ARABICA

COFFEE IMPACT

BENEFICIAL TO COFFEE

TREE MANAGEMENT

Propagated by seeds. Planted from shoots and seedlings.

CULTIVATION

PLANTED
NATURAL

TREE BENEFITS AND USES

FARMER USES

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

Roots and leaves poultices are used to cure injuries from punching; It has pain relieving and muscle relaxant effects. Used in the manufacture of crates, pulleys, to build houses, and in the manufacture of fruit boxes.

FARM SERVICES

Coffee Shade, **Windbreak**, **Soil Improvement**, **Erosion Control**, **Nitrogen Fixation**, **Carbon Capture**, **Water Protection**

Used for water protection and decontamination

BIODIVERSITY BENEFITS

YES

Attracts biological control agents, Attracts seed dispersers, Attracts pollinators. Wasps are found in its bark, which can be beneficial for cultivation. Flowers attract hummingbirds and insects alike. Many insectivorous birds are attracted to this tree, including slender-billed species such as greenfinches and warblers, both resident and migratory.

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