



# Juglans neotropica

PERU COMMON NAME

Nogal

TREE FAMILY

JUGLANDACEAE

AVERAGE LEAF SIZE (CM)

11.43см \* 5.13см

Length Width

ELEVATIONAL RANGE (M)

350-3000M

TREE HEIGHT

MEDIUM (20-35M)







DISTRIBUTION



**NATIVE TO PERU** 

NATIVE TO

Region: Americas

Latin America: Colombia, Ecuador, Peru, Venezuela

## **COFFEE AGROFORESTRY INFORMATION**

COFFEE SYSTEM



COFFEE IMPACT



CULTIVATION





**PREVALENCE** 





### TREE BENEFITS AND USES

FARMER USES











# Food, Firewood, Lumber, Medicinal, Ornamental, Product

Used in fine furniture, joinery, sculpture crafts and veneers, also in construction such as beams, joists and roofs. A food of local importance in the Andes. Edible seeds are collected from the wild and often sold in South American markets. The leaves are sold for use as a dye. The boiled leaves are used as a tonic.

# TREE MANAGEMENT

Planted by seeds. The seed is best planted as soon as it is ripe in individual containers. It germinates in late winter or spring. Fresh collection of seeds must be carried out, then the pulp surrounding the seed should be extracted. Leave it four days in water, with three water changes every 24 hours. Arrange the seeds with the apex down and plant in a germinator with a substrate ratio 2:1 earth to sand. Cover until the germination process begins. Transplant into a bag of 10x20 cm once it has four true leaves. Water daily until it reaches 30 cm. It has an average incidence of pests. It has been considered with high honey producing potential in beekeeping projects with Apis mellifera.

# FARM SERVICES





### Coffee Shade, Soil Improvement

Coffee Shade: provides sparse to medium shade in foliation season and is used as shade in pastures

Soil Improvement: a deciduous forest species, it presents total leaf fall in dry season, which contributes to nutrient cycling and is also a protector of water sources

#### **BIODIVERSITY BENEFITS**



It houses insects in flowers, leaves and bark that are consumed by insectivorous birds, including tree-climbing species. The fruits are nuts that are appetizing to squirrels.

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