

TREE SPECIES (SCIENTIFIC NAME)

Juglans neotropica

PERU COMMON NAME

Nogal

ELEVATIONAL RANGE (M)

350-3000м

TREE FAMILY

JUGLANDACEAE



11.43см × 5.13см

Length

AVERAGE LEAF SIZE (CM)

Width

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM	COFFEE IMPACT
ARABICA	 BENEFICIAL TO COFFEE
CULTIVATION	
🍹 PLANTED	
🌱 NATURAL	
'	

DISTRIBUTION



NATIVE TO Region: Americas Latin America: Colombia, Ecuador, Peru, Venezuela

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.

PREVALENCE

🧚 COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES

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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.

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

YES

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

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Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-06-22. tropical.theferns.info/viewtropical.php?id=Juglans+neotropica; Plants of the World Online POWO (2022). "Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet <u>http://www.plantsoftheworldonline.org;</u> ASPECTOS ECOLÓGICOS Y GUÍAS DE PROPAGACIÓN 20 Árboles nativos en el sur del Tolima - Colombia. C.A.F.E. Practices, 2022.; Mendoza, A. L. M., & Guerrero, M. H. (2010). Catálogo de los árboles y afines de la Selva Central del Perú. Arnaldoa, 17, 203-242.