



TREE SPECIES (SCIENTIFIC NAME)

Guarea guidonia

PERU COMMON NAME

Requia blanco, Latapi caspi, Réquia

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

11.96cm × **4.35cm**
Length Width

DISTRIBUTION



NATIVE TO PERU

ELEVATIONAL RANGE (M)

350-2000M

TREE HEIGHT

MEDIUM (20-35M)



NATIVE TO

Region: Americas

Latin America: Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru, Suriname, Venezuela

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

CULTIVATION



PLANTED



NATURAL

The seeds are dispersed by mammals and large birds and planted by seeds, cuttings, cuttings, and layering in nurseries. Sow the seed as soon as it is harvested in a slightly shaded area, either in a nursery or in individual containers. Fruit production (4-10 seeds each) is relatively abundant. To extract the seeds (approx. 4 thousand per kg) you have to let the fruits open on their own. Without pregermination treatment, an average of 49% germination is obtained with fresh seeds, which occurs between 31 and 241 days after sowing. Seeds stored at 20°C lose viability in less than 1 month. Growth in nursery is slow. Seedlings can reach 20-30 cm in height in a time of 8-10 months. They require shade during their initial development. Trees of this species maintain their foliage permanently. The leaves are considered toxic to livestock. Has a low incidence of pests.

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Firewood, Lumber, Medicinal, Product

It is used in plywood, pulp for paper, general carpentry, furniture, flooring, and cabinetmaking. The infusion of the bark is used to relieve pain and to combat eye pressure and conjunctivitis. A decoction of the roots is used to cause vomiting and to combat problems in the uterus and stimulate menstruation. A reddish oil is obtained from the wood.

FARM SERVICES



Coffee Shade, Soil Improvement

Coffee Shade: provides medium to dense shade

Soil Improvement: removes contaminants

BIODIVERSITY BENEFITS



YES

The seeds are dispersed by mammals and large birds. Its fruits are consumed by some toucans and saltators mainly, and it houses insects that are consumed by insectivorous birds.

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Image: Benny Osorio

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Mendoza, A. L. M., & Guerrero, M. H. (2010). Catálogo de los árboles y afines de la Selva Central del Perú. Arnaldoa, 17, 203-242.