

TREE SPECIES (SCIENTIFIC NAME)

Guarea guidonia

PERU COMMON NAME

Requia blanco, Latapi caspi, Réquia

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

11.96см × 4.35см

Length Width

ELEVATIONAL RANGE (M)

350-2000_M

TREE HEIGHT

MEDIUM (20-35M)







NATIVE TO Region: Americas

DISTRIBUTION

NATIVE TO PERU

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

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



CULTIVATION







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.

TREE MANAGEMENT

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.

FARM SERVICES





Coffee Shade, Soil Improvement

Coffee Shade: provides medium to dense shade Soil Improvement: removes contaminants

BIODIVERSITY BENEFITS



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.

Last Updated: August 14, 2023 Image: Benny Osorio

Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-07-11. tropical.theferns.info/viewtropical.php?id=Guarea+guidonia; Román, Francisco, et al. Guía para la propagación de 120 especies de árboles nativos de Panamá y el neotrópico. 2012.; Mendoza, A. L. M., & Guerrero, M. H. (2010). Catálogo de los árboles y afines de la Selva Central del Perú. Arnaldoa, 17, 203-242.