



TREE SPECIES (SCIENTIFIC NAME)

Guarea macrophylla *subsp. Tuberculata*

PERU COMMON NAME

Requia

TREE FAMILY

MELIACEAE

AVERAGE LEAF SIZE (CM)

17.17cm × **8.2cm**
Length Width

DISTRIBUTION



NATIVE TO PERU

ELEVATIONAL RANGE (M)

0–1200M

TREE HEIGHT

MEDIUM (20–35M)



NATIVE TO

Region: Americas

Latin America: Argentina, Bolivia, Brazil, Colombia, Paraguay, Peru

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

Planted by seeds. Plant the seed in a partially shaded nursery. A low germination rate can be expected and the seed sprouts within 40 to 50 days. The fruit contains 8 seeds with a red colored aril, arranged in 4 cells covered by a woody capsule in the form of a star when opened in 4 parts (2 seeds per cell). It has a low incidence of pests.

CULTIVATION



PLANTED



NATURAL

PREVALENCE

Not Common in Coffee Agroforestry

TREE BENEFITS AND USES

FARMER USES



Firewood, Lumber, Medicinal, Ornamental

Used to make furniture, cabinet work, interior ornaments, carpentry, boat building, decorative and utility veneer, and plywood. The bark has detoxifying effects and is used to treat syphilis and induce vomiting.

FARM SERVICES



Coffee Shade, Soil Improvement

Coffee Shade: sparse coverage

Soil Improvement: can remove contaminants

BIODIVERSITY BENEFITS



YES

Saltators, toucans, and toucanets eat the seeds with arils.

Last Updated: August 14, 2023

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Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-06-22. tropical.theferns.info/viewtropical.php?id=Guarea+macrophylla