



TREE SPECIES (SCIENTIFIC NAME)

Heliocarpus americanus

PERU COMMON NAME

Chalanca blanca

TREE FAMILY

MALVACEAE

AVERAGE LEAF SIZE (CM)

15cm × **12.5cm**
Length Width

DISTRIBUTION



NATIVE TO PERU

ELEVATIONAL RANGE (M)

350–3000M

TREE HEIGHT

SHRUB (1–10M)



NATIVE TO

Region: Americas

Latin America: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Venezuela

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



BENEFICIAL TO COFFEE

TREE MANAGEMENT

Planted by seeds. It produces fruits that resemble eyelashes that house one to two seeds. Plant the seeds as soon as they are ripe. A high germination rate can usually be expected, and seeds sprout within 10 to 12 days. When the seedlings are 3-5 cm tall, plant them in individual containers. They will be ready to plant outside less than 4 months later. It has a low incidence of pests.

CULTIVATION



PLANTED

PREVALENCE



COMMON IN COFFEE AGROFORESTRY

TREE BENEFITS AND USES

FARMER USES



Lumber, Product

Used to make boxes, toys, and pencils. The bark of the young branches produces a strong and durable fiber from which a thick rope is made. It is also used to weave mats and baskets.

FARM SERVICES



Coffee Shade, Soil Improvement

Coffee Shade: provides sparse to medium shade

BIODIVERSITY BENEFITS



YES

It retains insects that serve as food for insectivorous birds such as tyrants, vireos, and greenlets, and birds that supplement their diet with insects such as tanagers. The dried fruits are also used as material for hummingbird nests.

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

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