



TREE SPECIES (SCIENTIFIC NAME)

Alnus acuminata

ENGLISH COMMON NAME

Alder

PERU COMMON NAME

Mentol

TREE FAMILY

BETULACEAE

AVERAGE LEAF SIZE (CM)

11cm × **6cm**
Length Width

ELEVATIONAL RANGE (M)

>2100M

TREE HEIGHT

MEDIUM (20–35M)

DISTRIBUTION

**NATIVE TO PERU**

NATIVE TO

Region: Americas**Latin America:** Argentina, Bolivia, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama, Peru, Venezuela

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM

**ARABICA**

COFFEE IMPACT

**BENEFICIAL TO COFFEE**

CULTIVATION

**PLANTED****NATURAL**

PREVALENCE

Unknown

TREE MANAGEMENT

The seed has a short viability and should be planted as soon as it is ripe. It requires 10 to 20 days of cold stratification at 5°C. Plant the seed in a nursery, just covering it. Germination should occur within 13 days. Seedlings can be planted when they are 30 to 40 cm tall, usually around 4 to 6 weeks after germination.

TREE BENEFITS AND USES

FARMER USES



Firewood, Lumber, Medicinal, Product

Used for furniture, cabinets, caskets, boxes, interior construction, posts, plywood, tool handles, carving and pulp. Harvested from the wild as a local source of tannins and dyes. The bark and crushed leaves have been used to treat muscle and joint pain, rheumatism, skin infections, and as an anti-inflammatory. An infusion of the leaves is part of a cure for inflammation of the prostate. The leaves are used as a poultice to heal wounds and stop bleeding. A traditional firewood, it burns evenly and very well and is also used to make charcoal.

FARM SERVICES



Coffee Shade, Soil Improvement, Erosion Control, Reforestation, Nitrogen Fixation

Reforestation: the tree is increasingly planted for the recovery of cleared sites and soil improvement

BIODIVERSITY BENEFITS

YES

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Jezeer, Rosalien. (2018). PhD dissertation: Shedding Light on Shade- Reconciling Livelihoods and Biodiversity in Coffee Agroforests. 10.13140/RG.2.2.28895.71844.;

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

Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-09-30. tropical.theferns.info/viewtropical.php?id=Alnus+acuminata;Smithsonian Tropical Research Institute: *Alnus acuminata* Kunth. Accessed 30 Sep 2022. Published on the Internet: <https://panamabiota.org/stri/taxa/index.php?taxon=Alnus+acuminata&formsubmit=Search+Terms#>