





Acrocarpus fraxinifolius

TREE FAMILY

FABACEAE

AVERAGE LEAF SIZE (CM)

8.5см × 5.5см Length Width

ELEVATIONAL RANGE (M)

1100-1400_M

TREE HEIGHT

LARGE (> 35M)





DISTRIBUTION



EXOTIC IN PERU

NATIVE TO

Region: Asia Asia, Southeast Asia

EXOTIC IN

Latin America: Mexico, Peru

COFFEE AGROFORESTRY INFORMATION

COFFEE SYSTEM



ARABICA

COFFEE IMPACT



TREE MANAGEMENT

It regenerates vigorously. Planted by seeds-pre-soak seeds for 5 minutes in hot water and let soak for 24 hours in warm water before sowing in a shaded nursery bed. Seedlings are ready for planting when they are 3 months old and 30-45 cm tall.

CULTIVATION



NATURAL

PREVALENCE

Unknown

TREE BENEFITS AND USES

FARMER USES













Food, Livestock Forage, Firewood, Lumber, Medicinal, **Ornamental**

It is used for the manufacture of furniture and construction fences. It is especially valued for its spectacular flowering display when it has no leaves. FARM SERVICES









Coffee Shade, Windbreak, Erosion Control, Reforestation, **Nitrogen Fixation**

Reforestation: a pioneer species, it regenerates mainly in small, burnt areas in open patches where fresh soil has been exposed

Erosion Control: the tree has an extensive root system and has been recommended to reinforce banks and stabilize terraces

BIODIVERSITY BENEFITS



Food for invertebrates. The tree is a good source of nectar and good bee

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Solis R, Vallejos-Torres G, Arévalo L, Marín-Díaz J, Ñique-Alvarez M, Engedal T, Bruun TB (2020). Carbon stocks and the use of shade trees in different coffee growing systems in the Peruvian Amazon. The Journal of Agricultural Science 1-11. https://doi.org/10.1017/S002185962000074X;

Acrocarpus fraxinifolius Wight & Arn. in GBIF Secretariat (2021). GBIF Backbone Taxonomy. Accessed on 2022-09-30. Checklist dataset https://doi.org/10.15468/39omei; Tropical Plants Database, Ken Fern. tropical.theferns.info. 2022-09-30. tropical.theferns.info/viewtropical.php?id=Acrocarpus+fraxinifolius;

 $WFO~(2022): A crocarpus~fraxini folius~Wight~\&~Arm.~Accessed~on: 14~Oct~2022.~Published~on~the~Internet~\underline{http://www.worldfloraonline.org/taxon/wfo-0000211685}$