

TREE SPECIES (SCIENTIFIC NAME)

PERU COMMON NAME

Palo achiote

# Bixa urucurana

TREE FAMILY

BIXACEAE

17.5cm × 12.5cm

AVERAGE LEAF SIZE (CM)

Length Width

ELEVATIONAL RANGE (M)

200-600<sub>M</sub>

TREE HEIGHT

**SMALL (10-20M)** 









DISTRIBUTION



#### **NATIVE TO PERU**

NATIVE TO

Region: Americas

Latin America: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Peru, Suriname,

Venezuela

## **COFFEE AGROFORESTRY INFORMATION**

COFFEE SYSTEM

ARABICA

COFFEE IMPACT

Unknown

TREE MANAGEMENT

Unknown

CULTIVATION

MATURAL NATURAL

**PREVALENCE** 

Unknown

## TREE BENEFITS AND USES

FARMER USES









#### Food, Firewood, Medicinal, Product, Ceremonial

Used as a colorant in cosmetics. It is used to relieve pain and for the treatment of diabetes and skin infections. The leaves are used to treat hepatitis and cough. In the past some Indigenous groups used orange sap to paint their bodies in rituals and religious ceremonies, and also as a repellent against mosquitoes.

FARM SERVICES

Unknown

**BIODIVERSITY BENEFITS** 

No

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Plants of the World Online POWO (2022). "Plants of the World Online. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet http://www.plantsoftheworldonline.org; Bixa urucurana Willd. in GBIF Secretariat (2021). GBIF Backbone Taxonomy. Accessed on 2022-07-13. Checklist dataset https://doi.org/10.15468/39omei;  $Smith sonian\ Tropical\ Research\ Institute\ (2022).\ Published\ on\ the\ Internet: \\ \underline{https://panamabiota.org/stri/taxa/index.php?taxon=Bixa+urucurana&formsubmit=Search+Terms;}$ Moreira, P.A., Lins, J., Dequigiovanni, G. et al. The Domestication of Annatto (Bixa orellana) from Bixa urucurana in Amazonia. Econ Bot 69, 127–135 (2015). https://doi.org/10.1007/s12231-015-9304-0