

AQUILARIA IN FRENCH GUIANA



SCIENTIFIC AND TECHNICAL SUPPORT FOR THE CREATION AND DEVELOPMENT OF AN ECO-RESPONSIBLE VALUE CHAIN

A PROJECT IN THE MAKING: AQUIL@GUYANE

Are you engaged in a responsible sourcing process? If so, join us in co-building value chain that meets your requirements in our territory of French Guiana.



A multidisciplinary panel of scientists and experts from CIRAD (tropical agronomists and foresters, mycologists, molecular biologists, phytochemists, etc.)



The development agency of French Guiana for technological and economic support of the *Aquilaria* value chain



A dynamic and committed territory for the socio-economic and environmental development of French Guiana

This project, supported by CIRAD, is co-funded by the *European Union, the Collectivité Territoriale de Guyane, Guyane Développement et Innovation and CIRAD*

Appellations

- Gaharu
- Agilawood
- Agalloch
- Aloeswood
- Calambac
- Calambour
- bois d'agar
- Eaglewood
- Agallocheholz
- bois d'aigle
- Agalocha
- Agarwood
- oud
- agar
- « encens qui coule dans l'eau »
- Jinko
- Kanankoh...



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RESEARCH AND INNOVATION WORKING FOR AN *AQUILARIA* VALUE CHAIN IN FRENCH GUIANA

Overexploitation of the resource and product quality requirements geared towards, sustainable development, particularly call for:

- product traceability,
- secure supplies,
- respect of the Nagoya Agreement.

1/ Plantation

In French Guiana, two areas with climatic and soil conditions similar to those of *Aquilaria* in Southeast Asia were selected to set up a plantation.

2/ Fungi

Fungi growing naturally in French Guiana were selected for their ability to interact with *Aquilaria* to promote blackened wood production.

3/ Controlled inoculation

An essential tool for sustainably producing blackened wood in terms of quantity and quality.

4/ Chemical signature

Based on their chemical compositions resulting from genotypes x *terroir* interaction, the products will be geared towards economically optimizing the value chain.



5/ Relations with Laos

The project, carried out in collaboration with the authorities in Laos, guarantees good practices for access to the genetic resources to be used within the French territory.

6/ A species with high added value

In interaction with the soils of French Guiana, characterization of the genetic resource makes it possible to try and select the most productive genotypes.

7/ Transfers and Training

The innovation of new eco-responsible practices with traceability from seed to end-products will enable stakeholders in the value chain to propose products of very high quality.

8/ A "French Guiana" label in perspective

The goal of this work is the recognition of an: "*Aquilaria* of French Guiana" label.