



### **SECTOR SERIES #2 - RUBBER**

**FACT SHEET** 

# General Information

Natural Rubber (Hevea brasiliensis) is originally from Americas.

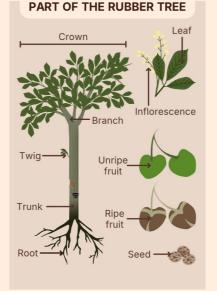
Top Leading
Natural Rubber
Producing
Countries
in 2023











Source: Jayathilake, H. M., de la Porte, C., Chang, J. W. J., Edwards, D. P., & Carrasco, L. R., 2023 | Statista, n.d. | GPSNR, 2023

# Current Issues



The European Union Deforestation-Free Regulation (EUDR) mandates that natural rubber commodities and their derivative products, whether imported or produced within the EU, must be verifiably free of deforestation and degradation, effective December 31, 2024\*

\*The European Commission has proposed a one-year delay to the implementation of the EUDR, but the decision is still under review.

Climate change disrupts rubber plant growth by altering temperatures and rainfall, shifting cultivation zones, and increasing pest risks. These changes can reduce yields and create financial difficulties for producers.





Price volatility in rubber leads producers to stop tapping, switch to alternative crops, or abandon farming altogether, while also discouraging young producers from entering the rubber farming sector.

Labor issues in the natural rubber industry include harsh working conditions, low wages, job insecurity, and a lack of skills development. Other concerns encompass child labor, the exploitation of migrant workers, and poor living conditions.





Rubber plantations are increasingly threatened by pests and diseases, notably leaf fall disease and white root disease, which have the potential to devastate entire plantations.

## Certification

Certification ensures sustainability in natural rubber production, including those from FSC-FM and PEFC.





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#### **Good Agriculture Practices**

Rubber trees grow in areas with annual rainfall ranging from 1,800 - 2,500 mm, ideally on slopes <15° and at elevations <400 m above sea level.

The latex is harvested by tapping the bark to cross the latex vessels from the top left to the bottom right.



The optimal population density is 500-600 trees/ha, with spacing configurations of 6×3 m, 4×4.5 m, or 7×2.5 m.



Latex harvesting usually

starts when the trees are

5 to 6 years old and may

continue until they

reach 28.

Planting materials are clones produced through vegetative propagation, such as budding.

Tapping is best conducted between 5:00 and 7:00 AM, with a recommended frequency of every 2 to 3 days.

Common pest & disease (P&D):

Leaf fall disease

SALB (Pseudocercospora ulei)
Pink Disease (Corticium salmonicolor)
Black Stripes (Phytophthora palmivora)
White Root Rot (Rigidoporus microporus).

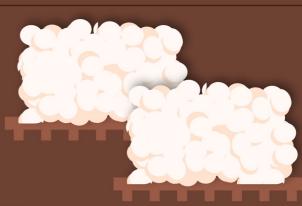
Potential yield: up to 2,5 tonnes/ha/year of dry rubber

Average DRC/rendement of wet rubber: 30%

Average yield:

0.9-1,5 ton/ha/year for smallholders

1,2-1,7 ton/ha/year for well-maintained farm



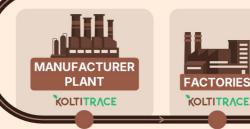
















Natural rubber is harvested as latex and cup lump in the field, then latex processed into unsmoked or smoked sheets while cup lump processed into SIR in the processing plants.

Approximately 76% of global natural rubber production is absorbed by the tire industry.

1 of 1 Last update: October 2024