

**Synonym** : *Bagassa tiliifolia* (Hamilton) Benoist

**Family** : Moraceae

### Vernacular names

Suriname : Jawahedan / Kan udu / Gele bagasse

Guyana : Cow wood / Yawahudan / Katowar

French Guiana : Odon / Bois bagasse / Kaw oudou

Brazil : Tatajuba / Bagaceira / Amapa rana

**International trade name** : Tatajuba

**Occurrence** : Suriname, Guianas, Brazil

### Tree description

Bole length : bole 15 - 25 m; tree height 25 - 35 m

Diameter : 0.60 - 1.00 m

Log shape : straight, cylindrical; tree base with root spurs

### Wood description

Sapwood : distinct, yellowish white

Heartwood : orange yellow, on exposure dark brown

Grain : irregular and interlocked

Texture : medium to coarse

### Technological characteristics

#### Physical properties

Green density (g/cm<sup>3</sup>): 1.10

Air dry density at 12% MC (g/cm<sup>3</sup>): 0.80

Total tangential shrinkage (%) : 6.6

Total radial shrinkage (%) : 5.2

Total volumetric shrinkage (%) : 10.2

#### Mechanical properties

Bending strength at 12% MC (N/mm<sup>2</sup>): 138

Modulus of elasticity (MOE) at 12% MC (N/mm<sup>2</sup>): 17800

Crushing strength at 12% MC (N/mm<sup>2</sup>): 80

## Processing

Sawing	: difficult, power required; blunting effect: slight
Drying	: easy to air season; risk of distortion and checking: slight to very slight
Machining	: moderately difficult
Gluing	: good
Nailing	: pre-boring recommended
Finishing	: good
Veneering	: interesting for slicing

## Natural durability

Decay fungi	: very good
Termites	: good
Marine borers	: moderate

**Treatability (heartwood)** : poor

**End uses** : interior and exterior joinery, general carpentry, cabinet work, flooring, stairs, fittings, wainscoting, shipbuilding, moulding.



Log shape

**Kaw-udu** – *Bagassa guianensis* Aublet