

PICANA NEGRA

SPECIES IDENTIFICATION

SCIENTIFIC NAME	<i>Cordia alliodora</i> (Ruiz & Pav.) Cham.
FAMILY	BORAGINACEAE
COMMERCIAL NAME	Light American Cordia, Salmwood
OTHER NAMES	Peterebi (Argentina), Louro-amarelo (Brazil), Laurel negro (Ecuador), Pardillo (Venezuela)
DISTRIBUTION AREA	Is found in Amazonian forest. Departments of Beni, Cochabamba, La Paz, Pando, Tarija and Santa Cruz
REGION AND FREQUENCY	Very frequent in Bajo Paraguá, Chiquitania, Guarayos and Amazonian foothills

TREE DESCRIPTION

TREETOP	Narrow and irregular shape, simple alternate leaves.
TRUNK	Straight, with buttresses . commercial heights up to 30 m
BARK	Fissured and cracked, brown-grayish color

GENERAL CHARACTERISTICS

SAPWOOD COLOR	Brown	HEARTHWOOD COLOR	Dark brown
ODOR	Indistinct	TASTE	Indistinct
LUSTER	Medium	GRAIN	Slightly Interlocked
STRIPED	Intense	TEXTURE	Medium

ANATOMIC DESCRIPTION

ANNUAL GROWTH RINGS

Visibility	Scarcely distinguishable	Average Number
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PORES

Visibility	Visible at sight	Porosity	Semicircular with tangential arrangement
Type	Solitaries and radial multiples	Shape	Semicircular

PARENCHYMA

Visibility	With magnifying glass 10 x	magnifying Quantity
Type	Apotraqueal diffuse and paratraqueal aliform, sometimes confluent	

RADIUS

Visibility	Visible at sight	Contrast	Present
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PHYSICAL PROPERTIES

MOISTURE CONTENT (GREEN LUMBER)	%
BASIC DENSITY	0,39 g/cm ³
DENSITY (12% MOISTURE CONTENT)	0,45 g/cm ³
RADIAL SHRINKAGE	3,09 %
TANGENTIAL SHRINKAGE	6,62 %
VOLUMETRIC SHRINKAGE	9,71 %
RATE T/R	2,14

MECHANICAL RESISTANCE

MODULUS OF ELASTICITY	86,2 1000 Kg/cm ²
MODULUS OF RUPTURE	723 Kg/cm ²
COMPRESSION PARALELL TO GRAIN	324 Kg/cm ²
QUARTEREDSAWED	73 Kg/cm ²
LATERAL HARDNESS	294 Kg
IMPACT BENDING	1,88 Kg-m

TECHNNICAL CONDITIONS FOR PROCESSING

MACHINING	Easy machining. Good finishing.
PRESERVATION	The sapwood is permeable to preservation treatment
NATURAL DURABILITY	Durable, resistant to fungi and insects
DRYING	Air drying is quick and steady

END USES

Construction	Decorative Veneer
Furniture	Flooring

Source: MDSP, FAO PAF-BOL, IBAMA, LPF “[Información Técnica para el Procesamiento Industrial de 134 especies maderables de Bolivia](#)”. Serie Técnica XI. 2002. (Translated by Fernando Aguilar . Marketing - CADEFOR)