

228. *MIMOSA HOSTILIS* Benth. (MIMOSACEAE) — Jurema, Yurema

Roots are cleaned, macerated, steeped in water, and squeezed to give a strong hallucinogenic beverage.⁵⁴

Reported to be astringent. Country folk in Brazil once used the bark to cure fatigue. Others believed it fortified the uterus.²⁰³

Contains *N,N*-dimethyltryptamine $C_{12}H_{16}N_2$, earlier called nigerine. The plant material contains 16.11% crude protein, 3.08% ether extract, 11.83% crude fiber, 65.46% *N*-free extract, and 3.44% ash, with an in vitro DM digestibility of only 21.0%.²⁰⁴

Toxicity — Narcotic hallucinogen,⁵⁴ said to evoke fantastic and agreeable dreams. The plant, if ingested by cattle, inhibits digestion of grass, e.g., buffel grass and jaragua.²⁰⁴