



PRODUCT SHEET
Graviola (Annona muricata L.)

FAMILY : Annonaceae

Common names: "soursop", "graviola", "prickly custard apple"; **Spanish:** "guanábano", "guanábana", "corosol", "corrosal", "anón", "cachimán", "guanavana", "masasamba"; **French:** corossolier, cacheimantier épineux, cachiman épineux, corossol, grand corossol. **Portuguese:** graviola, araticum do grande, *jaca do Para*.

Description: Small tree 4 to 9 m tall. Leaves simple, alternate, distichous, pinnatinerved, 6 to 20 cm long x 2.5 to 6 cm wide. Flowers: solitary, greenish-yellow. Fruit: ovoid-ellipsoid, with flexible, curved prickles covering the surface, 15 to 20 cm long x 10 to 15 cm wide, fleshy.

Origin and distribution: Probably of the West Indies (Antilles) or Mesoamerica. Ranging from Southern Mexico through the West Indies to Peru and Brasil.

From sea level to 1,000 or 1,150 m.

Part used: Practically the whole plant: leaves, fruit, seeds, bark, roots, and flowers.

Properties: Antibacterial, antidiarrheal, anthelmintic, anticancerous, anticonvulsant, antidepressant, antifungal, antimicrobial, antineoplastic, antiparasitic, antispasmodic, antimycotic, antitumorous, antiviral, astringent, cardiodepressant, cytostatic, cytotoxic, eczema fighter, against dermatosis/dermatitis; blood depurative, diaphoretic (promotes perspiration), febrifuge, hypotensive, insecticide, nervine, pectoral, piscicide, sedative, stomachic (digestive disorders: dysentery, dyspepsy), vasodilator, vermifuge.

Chemical composition: Annonaceous acetogenins: annocatalin, annomonacin, annohexocin, annomontacin, annomuricatin A, annomuricatin B, annomuricin A, B, C, D, & E, annomutacin, annonacinone, annonacin, annopentocin A, B, & C, cis-annonacin, cis-corossolone, cohibin A, B, C, & D, corepoxylone, coronin, corossolone, corossolin, donhexocin, epomuricenin A & B, gigantetrocin, gigantetrocin A & B, gigantetrocinone, gigantetronenin, goniotalamicin, iso-annonacin, javoricin, montanacin, montecristin, muracin A through G, muricapentocin, muricatalin, muricatalicin, muri-catenol, muricatetrocin A & B muricatin D, muricatocin A, B, & C, muricin H, muricin I, muricoreacin, murihexocin 3, murihexocin A, B, & C, murihexol, murisolin, robustocin, rolliniastatin 1 & 2, saba-delin, solamin, uvariamicin I & IV, xylomaticin.

