



PRODUCT SHEET

Manayupa (*Desmodium molliculum*)

FAMILY : Fabaceae = Leguminosae (legumes)

COMMON NAMES: "manayupa", "beggar lice", "hard man", "hard stick", "strong back".

SPANISH: "manayupa", "margarita", "pega-pega". **Peru** "manayupa", "manayupana". **Mexico** "amor seco", "escobilla", **PURÉPECHA:** "Uekaku K'arhiri". **PORTUGUESE:** "barba de boi", "carrapicho". **OTHERS:** "burbur", "dipinda dimukuyi", "dusa karnira", "mundurana", "owono-bocon".

DESCRIPTION: Creeping herb up to 1 m long, perennial, branching (that is, forming mats of multiple branches), stem thin, up to 50 cm tall. **Leaves:** Trifoliate, stipulated. **Flowers:** Small, papilionate (butterfly-like), light purple, arranged in racemes. **Fruit:** An indehiscent legume called a loment, green, lineal, flattened; seeds kidney-shaped.

ORIGIN AND DISTRIBUTION: South American, probably native to Central Andes (Peru). It grows wild in Central and South America, in the equatorial and circumequatorial zone, at elevations of 1,000 to 3,500 m a. s. l.

PART USED: Leaves.

PROPERTIES: antianaphylactic, antiasthmatic, antiallergic, antimicrobial, mild antispasmodic, anti-inflammatory, antimalarial, antiparasitic (*Ascaris lumbricoides*), antitumor, antiviral, aperitive (stimulates the appetite); against gastritis (acute and chronic), against oxalate kidney calculi; chronotropic (controls the rate of contraction of the heart), depurative, digestive (favours or assists the process of digestion), diuretic, hepatoprotector, hypertensive (soyasaponins, hordenine), hypolipidemic, mild hypotensive (astragalin), immuno-modulator, inotropic (increases the force of contraction of cardiac muscle), improves kidney functions, blood detoxifier, sedative.

CHEMICAL COMPOSITION:

• Organic Acids, Steroids, Saponins: dehydrosoyasaponin I, soyasaponin I, soyasaponin II, soyasaponin III, soyasaponegol B; (common aglycone of soyasaponins I-IV), other Triterpenoids saponines, astragalin, Beta-phenylarethylamine, Cosmoisin, Cyanidino-3-orthosoforoside, Hordenine, Pelargonidin-3-ortho-rhamnoside, Salsoline, Tectorigenin, Tetrahydroisoquinolines, Tyramine.