

# SAMENTO

## MICROBIAL DEFENSE



Samento (*Pentacyclic Alkaloid Type Uncaria tomentosa*) is a powerful medicinal plant, approved as a medicine in Ecuador in 2004. Government officials have allowed 3 drug claims to be used:

- ANTI-INFLAMMATORY
- ANTIMICROBIAL
- IMMUNE SYSTEM MODULATOR

Some of the beneficial properties of Samento are attributed to the pentacyclic oxindole alkaloids (POAs) that are found in the plant that act on the cellular immune system and demonstrate powerful immune system modulating properties. Samento does not contain the tetracyclic oxindole alkaloids (TOAs) that are found in traditional Cat's Claw. TOAs disrupt central nervous system function and greatly inhibit the effects of the POAs.

Some researchers believe that Samento may be as much as 1,000 times more effective than Cat's Claw. One difference between Samento and Cat's Claw is that Cat's Claw is an immune system stimulant and Samento is an immune system modulator. Also, Samento can be used to treat all autoimmune disorders.

In May 2005, pharmacological studies were conducted in laboratory rodents at the University of Guayaquil, Ecuador. The anti-inflammatory effect study showed that Nutramedix Samento extract inhibits inflammation by 83.8%.

There are no known contraindications, no known side effects and no known interactions with other drugs when using Samento. In May 2005, toxicology studies were conducted on Nutramedix Samento at the University of Guayaquil, Ecuador. No toxic effects were reported even when laboratory rodents received 120,000 times the equivalent human dose.

Some other medicinal properties that have been reported:

- ANTIBACTERIAL
- ANTICANCEROUS
- ANTIDEPRESSANT
- ANTIFUNGAL
- ANTI-HYPERTENSIVE
- ANTILEUKEMIC
- ANTIMUTAGENIC
- ANTI-OXIDANT
- ANTIPARASITIC
- ANTIPARKINSONISM
- ANTI-ULCEROUS
- ANTIVIRAL
- CYTOSTATIC
- DEPURATIVE
- DIURETIC
- VERMIFUGE

