



AMAZON ADRENAL SUPPORT*

120 capsules (650 mg each)

Retail price: \$29.95

A synergistic formula of rainforest botanicals traditionally used in South America to support adrenal function.* For more complete information on these unique rainforest plant ingredients, please see the Raintree Nutrition internet website and the online [Tropical Plant Database](#).

Ingredients: A proprietary blend of chuchuhuasi, erva tostão, tayuya, maca, jatoba, espinheira santa, and suma.

Suggested Use: Take 2 capsules 2-3 times daily or as directed by a health professional.

Contraindications:

- Not to be used during pregnancy or while breast-feeding.
- Do not use in estrogen-positive cancers.

Drug Interactions: None known.

Clinical Documentation and Research:* This proprietary Raintree product has not been the subject of any clinical research. Available third-party documentation and clinical research on each ingredient in this formula can be found at the [Raintree website](#). A partial listing of the third-party published research on these ingredients is shown below:

[Chuchuhuasi \(Maytenus krukovii, laevis, ebenfolia\)](#)

Bradshaw, D., et al. "Therapeutic potential of protein kinase C inhibitors." *Agents and Actions* 1993; 38: 135-47.

Bruni, R., et al. "Antimutagenic, antioxidant and antimicrobial properties of *Maytenus krukovii* bark." *Fitoterapia*. 2006 Dec; 77(7-8): 538-45.

Nakagawa, H., et al. "Chemical constituents from the Colombian medicinal plant *Maytenus laevis*." *J. Nat. Prod.* 2004; 67(11): 1919-24.

Moreira, R. R., et al. "Release of intermediate reactive hydrogen peroxide by macrophage cells activated by natural products." *Biol. Pharm. Bull.* 2001; 24(2): 201-4.

Itokawa, H., et al. "Isolation, structural elucidation and conformational analysis of sesquiterpene pyridine alkaloids from *Maytenus ebenifolia* Reiss. X-ray molecular structure of ebenifoline W-1." *J. Chem. Soc. Perkin. Trans. I* 1993; 11: 1247-54.

Gonzalez, J. G., et al. "Chuchuhuasha—a drug used in folk medicine in the Amazonian and Andean areas. A chemical study of *Maytenus laevis*." *J. Ethnopharm.* 1982; 5: 73–7.

Moya, S., et al. "Phytochemical and pharmacological studies on the antiarthritics of plant origin." *Rev. Colomb. Cienc. Quim. Farm.* 1977; 3(2): 5.

[Erva Tostão \(Boerhaavia diffusa\)](#)

Gholap, S., et al. "Hypoglycaemic effects of some plant extracts are possibly mediated through inhibition in corticosteroid concentration." *Pharmazie*. 2004; 59(11): 876-8.

Jagetia, G. C., et al. "The evaluation of nitric oxide scavenging activity of certain Indian medicinal plants in vitro: a preliminary study." *J. Med. Food*. 2004 Fall; 7(3): 343-8.

Mehrotra, S., et al. "Immunomodulation by ethanolic extract of *Boerhaavia diffusa* roots." *Int. Immunopharmacol.* 2002; 7: 987-96.

Mehrotra, S., et al. "Antilymphoproliferative activity of ethanolic extract of *Boerhaavia diffusa* roots." *Exp. Mol. Pathol.* 2002 Jun; 72(3): 236-42.

Mungantiwarn, A. A., et al. "Studies on the immunomodulatory effects of *Boerhaavia diffusa* alkaloidal fraction." *J. Ethnopharmacol.* 1999 May; 65(2): 125-31.

Tayuya (Cayaponia tayuya)

- Panossian, A., et al. "On the mechanism of action of plant adaptogens with particular reference to cucurbitacin R diglucoside." *Phytomedicine*. 1999 Jul; 6(3): 147-55.
- Panosian, A. G., et al. "Action of adaptogens: cucurbitacin R diglucoside as a stimulator of arachidonic acid metabolism in the rat adrenal gland." *Probl. Endokrinol*. 1989 Mar-Apr; 35(2): 70-4.
- Panosian, A. G., et al. "Effect of stress and the adaptogen cucurbitacin R diglycoside on arachidonic acid metabolism." *Probl. Endokrinol*. 1989 Jan-Feb; 35(1): 58-61.
- Panosian, A. G., et al. "Cucurbitacin R glycoside—a regulator of steroidogenesis and of the formation of prostaglandin E2—a specific modulator of the hypothalamus-hypophysis-adrenal cortex system." *Biull. Eksp. Biol. Med*. 1987; 104(10): 456-7.
- Dadaian, M. A., et al. "Prostaglandin E2 and F2 alpha and 5-hydroxyeicosatetraenoic acid levels in the blood of immobilized rats: effect of dihydrocucurbitacin D diglucoside." *Vopr. Med. Khim*. 1985 Nov-Dec; 31(6): 98-100.
- Escandell, J. M., et al. "Dihydrocucurbitacin B, isolated from *Cayaponia tayuya*, reduces damage in adjuvant-induced arthritis." *Eur. J. Pharmacol*. 2006 Feb; 532(1-2): 145-54.
- Recio, M. C., et al. "Anti-inflammatory activity of two cucurbitacins isolated from *Cayaponia tayuya* roots." *Planta Med*. 2004; 70(5): 414-20.
- Rios, J. L., et al. "A study of the anti-inflammatory activity of *Cayaponia tayuya* root." *Fitoterapia* 1990; 61(3): 275–78.

Maca (Lepidium meyenii)

- Rubio, J., et al. "Effect of three different cultivars of *Lepidium meyenii* (Maca) on learning and depression in ovariectomized mice." *BMC Complement. Altern. Med*. 2006 Jun 23; 6:23.
- Lopez-Fando, A., et al. "*Lepidium peruvianum* Chacon restores homeostasis impaired by restraint stress." *Phytother. Res*. 2004; 18(6): 471-4.
- Bogani, P., et al. "*Lepidium meyenii* (Maca) does not exert direct androgenic activities." *J. Ethnopharmacol*. 2005 Oct 17;
- Gonzales, G. F., et al. "Effect of *Lepidium meyenii* (maca), a root with aphrodisiac and fertility-enhancing properties, on serum reproductive hormone levels in adult healthy men." *J. Endocrinol*. 2003; 176(1): 163–68.
- Gonzales, G. F., et al. "Effect of *Lepidium meyenii* (maca) on sexual desire and its absent relationship with serum testosterone levels in adult healthy men." *Andrologia*. 2002; 34(6): 367–72.
- Cicero, A. F., et al. "*Lepidium meyenii* Walp. improves sexual behaviour in male rats independently from its action on spontaneous locomotor activity." *J. Ethnopharmacol*. 2001; 75(2–3): 225–29.

Jatoba (Hymenaea courbaril)

- de Alcantara, P. H., et al. "Purification of a beta-galactosidase from cotyledons of *Hymenaea courbaril* L. (Leguminosae). Enzyme properties and biological function." *Plant Physiol. Biochem*. 2006 Oct 27;
- Abdel-Kader, M., et al. "Isolation and absolute configuration of ent-Halimane diterpenoids from *Hymenaea courbaril* from the Suriname rain forest." *J. Nat. Prod*. 2002; 65(1): 11-5.
- Closa, D., et al. "Prostanoids and free radicals in CCl4-induced hepatotoxicity in rats: effect of astilbin." *Prostaglandins Leukot. Essent. Fatty Acids*. 1997; 56(4): 331–34.
- Lopez, J. A. "Isolation of astilbin and sitosterol from *Hymenaea courbaril*." *Phytochemistry* 1976; 15: 2027F.

Espinheira Santa (Maytenus ilicifolia)

- Vellosa, J. C., et al. "Antioxidant activity of *Maytenus ilicifolia* root bark." *Fitoterapia*. 2006 Apr; 77(3): 243-4.
- Rattmann, Y. D., et al. "Nitric oxide-dependent vasorelaxation induced by extractive solutions and fractions of *Maytenus ilicifolia* Mart ex Reissek (Celastraceae) leaves." *J. Ethnopharmacol*. 2006 Apr; 104(3): 328-35.
- Jorge, R. M., et al. "Evaluation of antinociceptive, anti-inflammatory and antiulcerogenic activities of *Maytenus ilicifolia*." *J. Ethnopharmacol*. 2004 Sep; 94(1): 93-100.
- Hnatszyn, O., et al. "Argentinian plant extracts with relaxant effect on the smooth muscle of the corpus cavernosum of guinea pig." *Phytomedicine*. 2003 Nov; 10(8): 669-74.

Suma (Pfaffia paniculata)

Mendes, F. R., et al. "Brazilian plants as possible adaptogens: An ethnopharmacological survey of books edited in Brazil." *J. Ethnopharmacol.* 2006 Sep 1;

Oshima, M., et al. "Pfaffia paniculata-induced changes in plasma estradiol-17beta, progesterone and testosterone levels in mice." *J. Reprod. Dev.* 2003 Apr; 49(2): 175-80.

Pinello, K. C., et al. "Effects of Pfaffia paniculata (Brazilian ginseng) extract on macrophage activity." *Life Sci.* 2006 Feb; 78(12): 1287-92.

Matsumoto, I., "Beta-ecdysone from Pfaffia paniculata." Japanese patent no. 82/118,422. January 20, 1984.

Mazzanti, G., et al. "Analgesic and anti-inflammatory action of Pfaffia paniculata (Martius) Kuntze." *Phytother. Res.* 1994; 8(7): 413-16.

Mazzanti, G., et al. "Anti-inflammatory activity of Pfaffia paniculata (Martius) Kuntze and Pfaffia stenophylla (Sprengel) Stuehl." *Pharmacol. Res.* 1993; 27(1): 91-92.

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