

# MALE PLUS

2 fluid ounces (60 ml)

Retail price: \$21.95



Male Plus was developed exclusively for men and contains four powerful herbs from the Amazon rainforest including muira puama and catuaba—two unique rainforest plants that have been used for centuries in Brazil as male libido enhancers, male tonics, and supportive of male sexual organs, systems, and 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 muira puama, catuaba, huanarpo macho, and sarsaparilla extracted in distilled water and 40% ethanol.

**Suggested Use:** Take 60 drops (2 ml) in water twice daily or as desired.

**Contraindications:** None.

**Drug Interactions:** None.

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

## [Muira puama \(\*Ptychopetalum olacoides\*\)](#)

In one French study among 262 male patients who experienced lack of sexual desire and the inability to attain or maintain an erection, 62% of the patients with loss of libido reported that muira puama "had a dynamic effect," and 51% of patients with erectile dysfunction felt that muira puama was beneficial.\* The second study evaluated positive psychological benefits of muira puama in 100 men with male sexual weakness. In their final report, researchers indicated muira puama could "enhance libido [in 85% of the test group], increase the frequency of intercourse [in 100%] and improve the ability to maintain an erection [in 90%]."\*

Rowland, D. L., et al. "A review of plant-derived and herbal approaches to the treatment of sexual dysfunctions." *J. Sex. Marital Ther.* 2003 May-Jun; 29(3): 185-205.

Waynberg, J., et al. "Effects of Herbal vX on libido and sexual activity in premenopausal and postmenopausal women." *Adv. Ther.* 2000 Sep-Oct; 17(5): 255-62.

Waynberg, J. "Male sexual asthenia—interest in a traditional plant-derived medication." *Ethnopharmacology*; 1995.

Waynberg, J. "Contributions to the clinical validation of the traditional use of *Ptychopetalum guyanna*." Presented at the First International Congress on Ethnopharmacology, Strasbourg, France, June 5-9, 1990.

Bucci, L. R., et al. "Selected herbals and human exercise performance." *Am. J. Clin. Nutr.* 2000 Aug; 72(2 Suppl): 624S-36S.

Paiva, L., et al. "Effects of *Ptychocephalum olacoides* extract on mouse behaviour in forced swimming and open field tests." *Phytother. Res.* 1998; 12(4): 294-96.

da Silva, A. L., et al. "Anxiogenic properties of *Ptychopetalum olacoides* Benth. (Marapuama)." *Phytother. Res.* 2002; 16(3): 223-6.

Siqueira, I. R., et al. "Psychopharmacological properties of *Ptychopetalum olacoides* Benth. (Olacaceae)." *Pharmaceutical Biol.* 1998; 36(5): 327-34.

da Silva, A. L., et al. "Memory retrieval improvement by *Ptychopetalum olacoides* in young and aging mice." *J. Ethnopharmacol.* 2004 Dec; 95(2-3): 199-203.

Siqueira, I. R., et al. "Neuroprotective effects of *Ptychopetalum olacoides* Benth. (Olacaceae) on oxygen and glucose deprivation induced damage in rat hippocampal slices." *Life Sci.* 2004 Aug; 75(15): 1897-906.

Siqueira, I. R., et al. "*Ptychopetalum olacoides*, a traditional Amazonian "nerve tonic," possesses anticholinesterase activity." *Pharmacol. Biochem. Behav.* 2003 Jun; 75(3): 645-50.

Cherksey, B. D. "Method of preparing Muira puama extract and its use for decreasing body fat percentage and increasing lean muscle mass." United States Patent No. 5516516, 1996.

### **Catuaba (*Erythroxylum catuaba*)**

According to Dr. Meira Penna, catuaba "functions as a stimulant of the nervous system, above all when one deals with functional impotence of the male genital organs. . . it is an innocent aphrodisiac, used without any ill effects at all."

Vaz, Z. R., et al. "Analgesic effect of the herbal medicine Catuaba in thermal and chemical models of nociception in mice." *Phytother. Res.* 1997; 11(2): 101-6.

Barbosa, N. R., et al. "Inhibition of platelet phospholipase A2 activity by catuaba extract suggests anti-inflammatory properties." *Phytother. Res.* 2004; 18(11): 942-4.

Campos, M. M., et al. "Antidepressant-like effects of *Trichilia catigua* (Catuaba) extract: evidence for dopaminergic-mediated mechanisms." *Psychopharmacology.* 2005; 182(1): 45-53

### **Huanarpo Macho (*Jatropha macrantha*)**

Huanarpo macho is as popular in Peru as a male aphrodisiac as muira puama is in Brazil for the same purpose.\* It is widely used in Peruvian herbal medicine systems to restore male sexual potency, for premature ejaculation, erectile dysfunction, and as a male sexual tonic and aphrodisiac.\*

Oshima, M., et al. "Effects of *Lepidium meyenii* Walp and *Jatropha macrantha* on blood levels of estradiol-17 beta, progesterone, testosterone and the rate of embryo implantation in mice." *J. Vet. Med. Sci.* 2003; 65(10): 1145-6.

Desmarchelier, C., et al. "Total reactive antioxidant potential (TRAP) and total antioxidant reactivity (TAR) of medicinal plants used in Southwest Amazona (Bolivia and Peru)." *Int. J. Pharmacog.* 1997; 35(4): 288-296.

Sanabria, G. G. R. "Thesis: Aislamiento y identificación de un alcaloide del extracto alcoholico de la *Jatropha macrantha* (Huanarpo macho) con propiedades afrodisiacas." Universidad Nacional de San Agustín, UNSA, Peru

Benavides A., et al. "Catechin derivatives in *Jatropha macrantha* stems: characterisation and LC/ESI/MS/MS quali-quantitative analysis." *J. Pharm. Biomed. Anal.* 2006 Feb 24; 40(3): 639-47.

### **Sarsaparilla (*Smilax officinalis, glabra*)**

Sarsaparilla is a rich source of phytosterols. It contains the plant steroids sarsasapogenin, smilagenin, sitosterol, stigmasterol, and pollinastanol; and the saponins sarsasaponin, smilasaponin, sarsaparilloside, and sitosterol glucoside, among others. The majority of sarsaparilla's pharmacological properties and actions have been attributed to these steroids and saponins.\*

Chu, K. T., et al. "Smilaxin, a novel protein with immunostimulatory, antiproliferative, and HIV-1-reverse transcriptase inhibitory activities from fresh *Smilax glabra* rhizomes." *Biochem. Biophys. Res. Commun.* 2006 Feb; 340(1): 118-24.

Bucci, L. R. "Selected herbals and human exercise performance." *Am. J. Clin. Nutr.* 2000 Aug; 72(2 Suppl): 624S-36S.

Bernardo, R. R., et al. "Steroidal saponins from *Smilax officinalis*." *Phytochemistry.* 1996 Sep; 43(2): 465-9.

This product is sold through health practitioners, retail stores, and [Raintree Nutrition](#). Please contact a health professional concerning other observations and/or effects of this product and/or if you have any disease, condition, or illness for which you are seeking treatment or products for.

**Manufactured By:**  
**Raintree Nutrition, Inc.**  
3579 Hwy 50 East, Suite 222  
Carson City, Nevada 89701  
(800) 780-5902 (775) 841-4142  
[www.RaintreeNutrition.com](http://www.RaintreeNutrition.com)



\*The statements contained herein have not been evaluated by the Food and Drug Administration. This product is not intended to treat, cure, or prevent any disease..