

Palmettoplex®

Combines Phytonutrients, Amino Acids, and Antioxidants to Support Male Reproductive System Health

The prostate is a male endocrine gland, round in shape and approximately the size of a walnut. It lies beneath the bladder and is wrapped around the urethra. The prostate gland makes most of the fluid found in semen. Information on prostate health can be found at www.healthfinder.gov under "Prostate Health."

How Palmettoplex Keeps You Healthy

Supports healthy male reproductive system function

Saw palmetto (*Serenoa repens*) produces berries rich in fatty acids, steroids, diterpenes, triterpenes, sesquiterpenes, and alcohols. The constituents of these berries appear to act biologically in support of prostate health.

Bovine prostate Protomorphogen™ extracts are uniquely derived nucleoprotein-mineral extracts that support prostate health at the cellular level. Prostate PMG™ extract encourages healthy cellular metabolism and cell cycling in the prostate gland.

Stinging nettle root (*Urtica dioica*) helps support healthy urinary tract and prostate gland function. It contains phenols and sterols. Research suggests that stinging nettle root extracts help maintain prostate health at the cellular level.†

Pygeum africanum helps support bladder-wall flexibility and helps maintain healthy prostatic secretions for proper sexual functioning.†

Supports immune system health

Tomato powder, a source of lycopene, helps strengthen the immune system and provides antioxidant protection. Alanine, glutamine, and glycine enhance herbal efficacy. Zinc is essential to prostate gland function and also supports immune system health.†



Introduced in 2001



Content:

150 capsules

Suggested Use: Three capsules per day, or as directed.

Supplement Facts:

Serving Size: 3 capsules
Servings per Container: 50

	Amount per Serving	%DV
Calories	9	
Zinc	7.5 mg	50%
Saw Palmetto (Berry) Extract (<i>Serenoa repens</i>) (45% liposterolic fatty acids)	320 mg	
Saw Palmetto (Berry) Powder	320 mg	
Stinging Nettle (Root) Extract (<i>Urtica dioica</i>)	220 mg	
Pygeum (Bark) Extract (<i>Pygeum africanum</i>) (3% sterols)	24 mg	

Proprietary Blend: 278 mg

Bovine prostate PMG™ extract, glutamic acid, tomato (fruit) powder, alanine, and glycine.

Other Ingredients: Maltodextrin, gelatin, zinc liver chelate, water, silica, colors, calcium stearate, and corn starch.

Sold through health care professionals.

Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Please copy for your patients.

GF This product contains less than 10 parts per million of gluten per serving size or less than 20 parts per million per the suggested use listed on each product label.

†These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.



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Palmettoplex[®]

What Makes Palmettoplex Unique

Product Attributes

Formulated to provide broad-spectrum prostate health support from the best nature has to offer

- › Contains three different herbs to provide strong and natural prostatic support
- › Enlists the unique properties of prostate PMG™ extract to provide prostate gland support at the cellular level
- › Provides antioxidant protection from tomato powder
- › Combines three specific amino acids recognized for their role in maximizing herbal efficacy for prostate gland health
- › Provides zinc to support healthy prostate gland function†

Multiple nutrients from a variety of plant and animal sources

- › Extracts from bovine tissues provide nutrients and support to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect†

Manufacturing and Quality-Control Processes

Low-temperature, high-vacuum drying technique

- › Preserves the enzymatic vitality and nutritional potential of ingredients

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

- › Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

- › Assures high-quality essential nutrients are delivered

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Palmettoplex[®].

- Anderson L.E. 1998. *Mosby's Medical, Nursing, & Allied Health Dictionary*, 5th ed. St. Louis, MO: Mosby; 183, 1335-1336, 1746.
- Bach D., Ebeling L. 1996. Long-term drug treatment of benign prostatic hyperplasia. *Phytotherapy* 3(2).
- Balch J.F., Balch P.A. 1997. *Prescription for Nutritional Healing*, 2nd ed. Garden City Park, NY: Avery Publishing Group; 13-14, 36, 38-39, 77, 450-451, 540-541.
- Barlet A., et al. 1990. Efficacy of *Pygeum africanum* extract in the medical therapy of urination disorders due to benign prostatic hyperplasia: evaluation of objective and subjective parameters. A placebo-controlled double-blind multicenter study. *Wien Klin Wochenschr* 102(22): 667-673.
- Breza J., et al. 1998. Efficacy and acceptability of tadenan (*Pygeum africanum* extract) in the treatment of benign prostatic hyperplasia (BPH): a multicenter trial in central Europe. *Current Medical Research Opinions* 14(3): 127-139.
- Chatelein C., et al. 1999. Comparison of once and twice daily dosage forms of *Pygeum africanum* extract in patients with benign prostatic hyperplasia: a randomized, double-blind study, with long-term open label extension. *Urology* 54(3): 473-478.
- Chen M.W., et al. 1999. Effects of Unilateral Ischemia on the Contractile Response of the Bladder: Protective Effect of Tadenan (*Pygeum africanum* Extract). *Molecular Urology* 3(1): 5-10.
- DiSilvestro R.A. 2000. Zinc in relation to diabetes and oxidative disease. *Journal of Nutrition* 130(5S): 1509S-1511S.
- Duke J.A. 1997. *The Green Pharmacy*. New York, NY: St. Martin's Press & Rodale Press, Inc. 449-451.
- Ernst E. 1999. Herbal medications for common ailments in the elderly. *Drugs and Aging* 15(6): 423-428.
- Foster S., Duke J.A. 1990. *A Field Guide to Medicinal Plants*. New York, NY: Houghton Mifflin Company; 212-228.
- Gerber G.S. 2000. Saw palmetto for the treatment of men with lower urinary tract symptoms. *Journal of Urology* 163(5): 1408-1412.
- Gerber G.S., et al. 1998. Saw palmetto (*Serenoa repens*) in men with lower urinary tract symptoms: effects on urodynamic parameters and voiding symptoms. *Urology* 51(6): 1003-1007.
- Gilsson J., et al. 1999. The clinical applications of *Ginkgo biloba*, St. John's wort, saw palmetto, and soy. *Nurse Practitioner* 24(6): 28, 31, 35-36, 47-49.
- Goepel M., et al. 1999. Saw palmetto extracts potently and non-competitively inhibit human alpha1-adrenoreceptors *in vitro*. *Prostate* 38(3): 208-215.
- Gomes C.M., et al. 2000. Improved contractility of obstructed bladders after tadenan treatment is associated with reversal of altered myosin isoform expression. *Journal of Urology* 163(6): 2008-2013.
- Green J. 1991. *The Male Herbal Health Care for Men & Boys*. Freedom, CA: The Crossing Press; 239-240.
- Guilliams T.G. 1998. BPH: The Natural Approach. *The Standard*, 1(1): 3-5.
- Hatch E. 1994. Update on *Pygeum africanum*. *The Modern Phytotherapist*. Warwick, Old, Australia: Mediherb Pty. Ltd. 1, 12-13.
- Hirano T., et al. 1994. Effects of stinging nettle root extracts and their steroidal components on the Na⁺, K⁺-ATPase of the benign prostatic hyperplasia. *Planta Med* 60(1): 30-33.
- Klepser T.B., Klepser M.E. 1999. Unsafe and potentially safe herbal therapies. *Am J Health Syst Pharm* 56(2): 125-138, 139-141.
- Konrad L., et al. 2000. Antiproliferative effect on human prostate cancer cells by a stinging nettle root (*Urtica dioica*) extract. *Planta Med* 66(1): 44-47.
- Lichius J.J., Muth C. 1997. The inhibiting effects of *Urtica dioica* root extracts on experimentally induced prostatic hyperplasia in the mouse. *Planta Med* 63(4): 307-310.
- Marks L.S., et al. 2000. Effects of a saw palmetto herbal blend in men with symptomatic benign prostatic hyperplasia. *Journal of Urology* 163(5): 1451-1456.
- McPartland J.M., Pruitt P.L. 2000. Benign prostatic hyperplasia treated with saw palmetto: a literature search and an experimental case study. *Journal of the American Osteopathic Association* 100(2): 89-96.
- National Institute on Aging Age Page: Prostate Problems. 2000. Recommended by the Administration on Aging. Retrieved from <http://www.aaa.dhhs.gov/aaa/pages/agepages/prostate.html>. 1-4.
- Nick G.L. 2000. *Natural Therapies for the Prostate Gland*. 1-17.
- Patchford P. 1993. *Healing with Whole Foods*. Revised ed. Berkeley, CA: North Atlantic Books; 89-92, 126, 328, 498.
- Pool-Zobel B.L., et al. 1997. Consumption of vegetables reduces genetic damage in humans: first results of a human intervention trial with carotenoid-rich foods. *Carcinogenesis* 18(9): 1847-1850.
- Pygeum — A New Therapy for the Prostate. 1991. *MediHerb Professional Newsletter*. Warwick, Old, Australia: Mediherb Pty. Ltd. 1-2.
- Schlicher H. 1999. Is there a rational therapy for symptomatic treatment of benign prostatic hyperplasia with phylogenetic drugs? Illustrated with the example of prostate agent from *Serenoa repens*. *Wien Med Wochenschr* 149(8-10): 236-240.
- Snow J.M. 1996. *Serenoa repens* (Bartram Palmae). Ayer, MA: Herbal Research Publications; 1(3): 15-16, 24-26.
- Watzl B., et al. 1999. Modulation of human T-lymphocyte functions by the consumption of carotenoid-rich vegetables. *British Journal of Nutrition* 82(5): 383-389.
- Weiner M.A., Weiner J. 1994. *Herbs That Heal — Prescription for Herbal Healing*. Mill Valley, CA: Quantum Books; 290-291.
- Wilt T.J., et al. 1998. Saw palmetto extracts for treatment of benign prostatic hyperplasia: a systematic review. *JAMA* 280(18): 1604-1609.
- Winston D. 2000. *Herbal Therapeutics: Specific Indications for Herbs & Herbal Formulas*. 7th ed. Herbal Therapeutics Research Library; 60-67.
- Yance D.R., Valentine A. 1999. *Herbal Medicine, Healing & Cancer*. Lincolnwood (Chicago), IL: Keats Publishing; 53, 118, 148, 349.
- Yoshikawa T., et al. 1991. The antioxidant properties of a novel zinc-carnosine chelate compound, N-(3-aminopropionyl)-L-histidine zinc. *Biochim Biophys Acta* 1115(1): 15-22.

