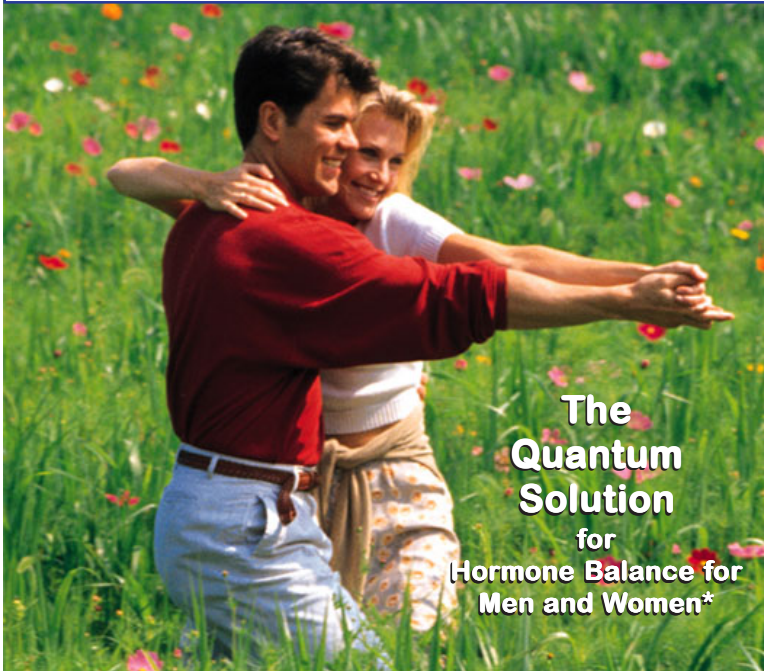


Superior Hormone & Urinary Tract Support*



Quantum Multi-Pollen Extract

Whole Body Healthy Balance, including Hormones,
Prostate, Urinary Tract and Immune System*



The
Quantum
Solution
for
Hormone Balance for
Men and Women*

Key Uses of Flower Pollen

- Promotes healthy hormone balance and reproduction/fertility capacity*
- In worldwide use to boost athletic endurance and strength*
- Proven immune system builder*
- Promotes healthy prostate function, including free flow of urine*
- Supports healthy urinary tract performance, including healthy urination*
- Encourages liver detoxification
- Provides broad-range nutrients for healthy blood factors & arterial function*
- Promotes healthy lung, kidney and stomach function*
- Boosts natural energy and performance*
- Supports healthy menopause

Flower Pollen

Flower pollen and pollen extracts have long been used for centuries for various health concerns ranging from fatigue to prostate to reproductive issues. Pollen is collected as honey bees visit the flowers of seed-bearing plants, such as cereal grasses, to obtain nectar. Pollen contains a vast array of nutrients, vitamins, amino acids, enzymes and other phytonutrients.

People from many different cultures around the world have used pollen as a time-proven, natural way to boost the body's energy and immune system. Pollen has been shown to be a

powerful antioxidant and world-class immunoregulator. It helps protect the liver and balance hormones. It also greatly increases energy. All these benefits with absolutely no side effects.

Pollen is nutrient-rich and chemically very complex, but the exact composition depends upon the plant which produced the pollen. Unfortunately, variations in the composition of pollens from different plants have led to disputes in the scientific literature over benefits and efficacy.

Get The Best Pollen Extracts

- **Unique breakthrough in pollen processing**
Breaks the pollen's tough outer casing; liberates the full spectrum of phytonutrients, making them fully bio-available
Unlike other pollen products which are typically poorly digested
- **Multiple sources of European pollen**
Ensures the broadest range of phytonutrients
Not just one pollen source with a narrow range of factors
- **Pollen collected only from pesticide-free, pure water areas in European countryside**
Not pollen from American, pesticided, poorly grown flowers
- **Special pollen cleaning process: 100% allergen-free**
No dust, dirt, gum or impure resins
- **100% pure vegetable capsules: no binders or fillers**
No tablets with toxic tagalong fillers, binders or glues; no magnesium stearate (a hydrogenated oil); no gelatin capsules with toxic preservatives & an inferior absorption profile

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

Traditional Uses

Written historical records indicate that pollen has been used as a food nutrient concentrate and health rejuvenator for at least 2,000 years. In China, typha pollen (*puhuang* from the flowers of the cattail *Typha* spp.) was described in the *Shen Nong Ben Cao Jin* (circa 200 B.C. to 100 A.D.) and has been part of the medical literature since the 7th century A.D.

Pharmacological and Biological Activity

Reviews of scientific studies with pollen generally emphasize the importance of the pollen source. Meticulous processing to assure potency and freshness is also a critical yardstick of pollen benefits. Finally, the many potential allergens must be uniformly eliminated or the benefits can be outweighed by toxic or allergic reactions.

The Prostate and Reproductive Tracts

Special pollen extracts have clinically been proven beneficial to promote healthy male and female reproduction systems, including prevention and treatment for problems with the prostate. Multi-pollen extracts have been used in Europe, North America, Japan and the Middle East.

These multi-pollen extracts have become popular because they can be engineered to meet an ideal phytonutrient profile, thereby out-performing any single pollen source. Double-blind, clinical study results with men with prostate concerns have been so encouraging that in Japan, multi-pollen extracts are highly regarded as an clinically effective adjunct for the prostate, especially for stubborn cases.

Taking pollen extracts can also help increase the levels of natural zinc in the prostate, which aids healthy prostate function and activity.

Smooth Muscle Relaxation & Urination

Clinical studies have demonstrated that multi-pollen extracts were remarkable help in relaxing the urethral smooth muscles, allowing the bladder to be fully emptied, thus promoting healthy urination.

Bladder/Urinary Help For Men & Women

Clinical research demonstrates multi-pollen extracts ability to help to relax the bladder's smooth-muscles and the urethra, thus promoting healthy urination and a healthy urinary tract.

Significant Menstrual & Menopause Help

Clinical studies show that multi-pollen extracts can help menstrual problems as well as help females sail through menopause. In addition, multi-pollneextracts are highly beneficial for reproductive health. in females.

How is Quantum Multi-Pollent Extract different?

Quantum Multi-Pollen Extract is a collage of the best-source European pollens processed using state-of-the-

Pollen's Spectacular Phytonutrient Content

Quantum Multi-Pollen Extract contains European pollen fractions from multiple sources which are standardized according to our proprietary, highly effective amino acid and phytosterol profile.

Our pollen extract is guaranteed to contain beta-sitosterol, diamines and derivatives of feruloylputrescine (FP), cyclic hydroxamic acid as 2, 4 dihydroxy-2H-1, 4-benzoxazin-3 (4H)-one (DIBOA), secalosides A and B, kaemperferols, luteolin, crude protein and rutin. The following phytonutrients are listed in ranges due to the naturally occurring variations in batch to batch of living pollen sources. Each 100% vegetable capsule contains:

<u>Pollen Nutrients</u>	<u>Amount</u>
Total Multi-Pollen Extract	300 mg.
Amino Acids	up to 72 mg.
Free Amino Acids	up to 20 mg.
Lipids	3 to 65 mg.
Complex Carbohydrates	up to 143 mg.
Simple Sugars	13 to 33 mg.
Carotenoids and flavonoids	7 to 8 mg.
Natural Vitamin C	up to 20 mg.
Stabilized rice bran (with over 100 known antioxidants)	150 mg.

art technology and equipment yielding the most potent, non-toxic, chemical free, 100% allergen-free pollen extract.

To avoid the typical toxicity found in many other pollens, we have chosen to use a blend of only grade 10 European pollen sources to allow us to achieve an optimal, proprietary amino acid and phytosterol profile with the broadest range of beneficial effects without toxic pesticide residues so common in American pollen sources.

Guaranteed Potent: 100% Allergen-Free

A special European process yields a super-clean, allergen-free pollen that is the state-of-the-art. Once the harvested pollen cleaned (so it is 100% allergen-free), it undergoes novel proprietary extraction processes to assure concentration of both the water and lipid soluble components. This process perfectly concentrates the widest range of these delicate phytonutrients. This process also demands tenacity. It takes **10,000 flower tops to yield just 1 kilogram** of our "once living", contaminant-free, highly potent pollen extract. Simply, the best of the best. "Nutrition that Really Works"TM *Try it and feel the difference.*

Recommended Use: Adults or children (age 4 and up): take 1 Vcap, 1 to 3 times daily. For special programs, up to 10 Vcaps may be taken daily.

Quantum Multi-Pollen Extract: *Ingredients*

(450 mg/Vcap;45 Vcaps/bottle)

Proprietary Blend: Multiple European Pollen Extracts (mold spore removed), Stabilized Rice Bran

Other Ingredients:Vegetable cellulose capsule

Buck, A. et al., Treatment of chronic prostatitis and prostatodynia with pollen extract. *Br J Urol* 1989 Nov; 64(5):496-499.
Ebling, L. Therapeutic results of defined pollen-extract in patients with chronic prostatitis. *Therapy in Prostatitis* 1986, eds., Weidner, W., Brunner, H., Krause, W., Rothauge, C.F. (Munich: Zuckschwerdt-Verlag, 1986) 154-160.
Habib, F. et al., Identification of a prostate inhibitory substance in a pollen extract. *Prostate* 1995 Mar; 26(3):133-139.
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Kimura, M., Kimura, I., Nakase, K., Sonobe, T., Mori, N. Micturition activity of pollen extract: contractile effects on bladder and inhibitory effects on urethral smooth muscle of mouse and pig. *Planta Med* 1986 Apr; 2:148-151.
Loschen, G., Ebeling, L. Inhibition of arachidonic acid cascade by extract of rye pollen. [Article in German] *Arzneimittelforschung* 1991 Feb; 41(2):162-167.
Roberts, K.P., Lyer, R.A., Prasad, G., Liu, L.T., Lind, R.E., Hanna, P.E. Cyclic hydroxamic acid inhibitors of prostate cancer cell growth: selectivity and structure activity relationships. *Prostate* 1998 Feb 1; 34(2):92-99.
Rugendorff, E.W., Weidner, W., Ebeling, L., Buck, A.C. Results of treatment with pollen extract (Cernilton N) in chronic prostatitis and prostatodynia. *Br J Urol* 1993 Apr; 71(4):433-438.
Wojcicki, J., Samochowiec, L., Hinek, A. The effect of Cernitins on galactosamine-induced hepatic injury in rat. *Arch Immunol Ther Exp (Warsz)* 1985; 33(2):361-370.
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Multi-Pollen Extracts

Multi-Pollen Extract

Powerful Anti-Infective and Immune Support

The Best Pollen Source

- **Breakthrough processing**
Breaks the pollen's tough outer coat to liberate its spectacular phytonutrients
- **Multiple European pollen sources**
Ensures a broad range of phytonutrients
- **From pesticide-free European countryside**
Not toxic, pesticided American sources
- **100% pure vegetable capsules**
No tablets with toxic binders and fillers
No gelatin capsules with risk of toxic prions



Key Uses of Pollen

- Athletic endurance and strength
- Immune system builder
- Prostate problems (including hypertrophy, inflammation or pain)
- Urinary Tract Infections (including urethra, bladder or decreased urine flow problems)
- Liver detoxification
- Multiple Sclerosis
- Allergies
- Blood builder
- Asthma
- Chronic fatigue
- Kidney disorders
- Menopause
- Ulcers
- Capillary weakness
- Impotence, infertility

Flower Pollen

Flower pollen and pollen extracts have long been used as a natural remedy for various health problems ranging from fatigue to inflammation. Pollen is collected as honey bees visit the flowers of seed-bearing plants, such as cereal grasses, to obtain nectar. Pollen contains a vast array of nutrients, vitamins, amino acids, enzymes and other phytonutrients.

People from around the world look to pollen as a natural way to boost the body's energy and immune system. Pollen has been shown to be a powerful antioxidant and immunoregulator. It protects the liver and improves lipid profiles. It

also greatly increases energy. All these benefits with absolutely no side effects.

Using special pollen traps, pollen is collected from worker bees. It is then cleaned of impurities, making it free from any allergens, which may cause negative side effects. Next, it is dried at low temperatures to focus the benefits of raw pollen, making it extremely easy to digest.

Pollen and the Prostate

Special pollen extracts have clinically been proven beneficial to promote healthy male and female reproduction systems, including prevention and treat-

ment for problems with the prostate. Multi-pollen extracts have been used in Europe, North America, Japan and the Middle East. These multi-pollen extracts have become popular because they can be engineered to meet an ideal phytonutrient profile, thereby out-performing any single pollen source. Double-blind clinical study results have been so encouraging when multi-pollen extracts were given to men with benign prostate problems, that in Japan, multi-pollen extracts are highly regarded as an effective treatment for BHP (Benign Prostatic hypertrophy/hyperplasia), especially for stubborn cases.

Smooth Muscle Relaxation

Benign prostate problems share several common symptoms. First, the smooth muscles which line the bladder and urethra are tense and spasmodic. This can cause problems when trying to urinate, inhibiting the flow of urine and preventing the bladder from emptying completely. Clinical studies show that multi-pollen extracts in particular helped to relax the urethral smooth muscles allowing the bladder to be fully emptied.

Anti-Inflammatory Action

Inflammation of the prostate is another common denominator in prostate problems. In human and animal clinical trials, anti-inflammatory factors found particularly in multi-pollen extracts have helped reduce prostate swelling in males, helping to effectively treat prostatitis and prostatodynia.

DHT: Reduced Binding and Increase Clearance

Another symptom shared by those with prostate problems is the increased production of DHT (5-alpha-dihydrotestosterone), resulting in an excess of DHT, which may bind to prostate cells and cause swelling of the prostate. Multi-pollen extracts were shown effective in blocking DHT formation, helping to reduce swelling. Taking pollen extracts can increase the levels of zinc in the prostate, which aids in reducing the size of the prostate by preventing the production of dihydrotestosterone (DHT) and inhibiting the binding of DHT to prostate cells.

Prostate Cancer

The growth of some prostate cancer cell lines is inhibited *in vitro* by one or more compounds found in pollen extracts and some prostate cancer lines are killed, not just inhibited by one or more other compounds found in the water-soluble pollen extract.

Clinical symptoms of prostatitis, prostatodynia and benign prostatic hyperplasia are relieved by the pollen extract orally. It is the water-soluble fraction of the pollen extract that selectively inhibits growth of certain prostate

cancer cells. Cell morphology results indicate that the growth-inhibitory effects of DIBOA (contained in the pollen water-soluble extract) and structurally related agents on DU-145 cells are due to their ability to cause cell death (called apoptosis).

The pollen of rye (*Secale cereale*) was shown to contain a biologically highly active family of glycosides called the secalosides. Secalosides A and B exhibited significant antitumor activity against S180 sarcoma *in vivo*.

Bladder and Urinary Help For Men and Women

Bladder and urinary tract infections are one of the most common complaints, with women affected about 10 times as often as men. In fact, some women experience urinary tract problems on a regular basis. Urinary tract infections can progress from the lower urinary tract, to the upper urinary tract, which can cause problems with the kidneys as well.

Urinary tract infections can cause pain or burning during urination, waking up in the night to urinate, and sexual dysfunction.

Multi-pollen extracts help to relax the bladder's smooth-muscles and the urethra. Pollen's anti-inflammatory properties and the ability to relax muscles in the urinary tract make it helpful for men and women suffering from all kinds of bladder and urinary tract problems. Studies have shown that pollen can facilitate the discharge of urine and reduce residual urine.

Real Menstrual Help

Multi-pollen extracts have been shown to help with menstrual problems in females. Amenorrhea and dysmenorrhea both have responded favorably to multi-pollen extracts.

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