



Bee Natural, LLC

Darren Sausser - 1628 Big Woods Rd, Smyrna, DE 19977
B/302 382-2370 * Fax/215 629-0800
Email: beenatural1@juno.com

Royal Jelly

Nature's Super-food! Royal Jelly is a substance of complex chemical structure produced by the young nurse bees as larva food. Although it is not quite as well known as bee pollen, royal jelly equals pollen in its salutary effects.

This legendary product from the beehive is produced solely for feeding the queen bee. Without it, the queen would be just another bee. In fact, when the eggs hatch, those who are continually fed royal jelly will become queens. Those not fed royal jelly just become worker bees. The queen is fed royal jelly her entire life, grows 40-60% larger and lives about 4 to 6 years, while the worker bees live about 6 weeks!

The young nurse bees make the royal jelly. It is a secretion from glands on the tops of their heads. For 2-3 days, royal jelly is the only food given to all young larvae in their maturation process. During the 3 days in which the worker bee larvae are fed on royal jelly, they reach the maximum development where their weight multiplies about 250 times. The queen reaches maturity 5 days earlier than the worker bees. She is fertilized once, and from that moment on can lay as many as three thousand eggs a day during the season. As incredible as this may seem, she can lay that many eggs for five years. Any creature that has that amount of energy and vitality has to be respected!

This rich concentrated food is not just useful for the bees. Royal Jelly contains remarkable amounts of proteins 12%, lipids 5-6%, glucides, vitamins, hormones, enzymes, mineral substances, and specific vital factors that act as biocatalysts in cell regeneration processes within the human body. It contains all of the B-complex vitamins, including a high concentration of pantothenic acid (B5) and pyridoxine (B6), and is the only natural source of pure acetylcholine. Royal Jelly also contains minerals, hormones, 18 amino acids and antibacterial and antibiotic components. It also has an abundance of nucleic acids – DNA and RNA- the genetic code which makes up life. Gelatin, one of the predecessors of collagen, is also found in royal jelly. Collagen is a powerful anti-aging element that helps preserve the youth of the body, particularly the skin.

Although some of the elements found in royal jelly are in microgram quantities, they still can act supremely with co-enzymes as catalysts or can act synergistically. (That is, the elements' action combined is great than the sum of their actions taken separately.) Royal jelly is rich in protein, carbohydrates – 12-15%, Aspartic acid 15%, vitamins B1- 1.5 to 7.4 mcg, B2- 5.3 to 10 mcg, B6 - 2.2 to 10.2 mcg, vitamin C- trace, vitamin E, niacin 91 to 149 mcg, pantothenic acid, biotin 0.9 to 3.7 mcg, inositol 78 to 150 mcg, and folic acid.0.16 to .50 mcg. In fact, it contains seventeen times as much pantothenic acid (65 to 200 mcg) as that found in dry pollen.

The actual chemical make-up of royal jelly remains an unrevealed Royal secret. The fact is that we can't recreate Royal Jelly by a recipe or something! Royal jelly is a delicate liquid. As soon as it's removed from the sterile environment it can get infected. Standalone it can be kept in a freezer for about 6 months. For preserving it, beekeepers also use lyophilizing. Mixing it with honey is another way to keep it in good shape for about a year.

Healing and Rejuvenation Properties of Royal Jelly

Apiculture – the study of bees and their products is no longer relegated to the status of folk medicine. Since both beekeeping and harvesting of products are carried out under technically advanced conditions, apitherapy has reached the stage of scientific medicine. The general interest in bee products for the treatment and prevention of various ailments on the part of medical practitioners and laymen alike attests to the validity of bee products as health aids. Studies indicate the effectiveness of royal jelly for the following: Anemia, Arthritis, Asthma, Anabolic support, Broken or weak bones, Bladder infections, Coronary artery disease, Depression, Diabetes, Endocrine system Disorders, Hormonal imbalances, High cholesterol levels, High blood pressure, Impotence, Infertility, Inflammation, Impaired memory, Immune system problems, Liver ailments, Mental exhaustion, Menopause, Panic or anxiety attacks, Parkinson's disease, Retarded growth, Skin blemishes and wrinkles, Viral and bacterial infections, Weight control, Wound healing.