



MANUKA HONEY

(*Leptospermum Scoparium*)

Honey has a long history of use as a medicine since ancient civilization for a wide range of disease conditions. Manuka Honey is native to New Zealand, and is a dark rich honey produced by bees which pollinate the flowers of the unique Manuka bush (*Leptospermum Scoparium*).

Manuka Honey has been revered by both the indigenous Maori of New Zealand and the international community due to its regenerative properties, anti-microbial content, and wound healing capability.

Manuka Honey contains various active compounds setting it apart from regular honey and generating scientific research for novel medical applications.

Research conducted on Manuka Honey's medicinal properties have discovered a multitude of positive interactions within the body, *namely these include:*



ANTIBACTERIAL ACTIVITY

One of the intrinsic features of honey is its antimicrobial properties. Researchers have found that Manuka Honey in particular is effective against a wide range of pathogens due to its ability to inhibit the growth of pathogenic bacteria.



ANTI-INFLAMMATORY & WOUND HEALING ACTIVITY

Honey has long been used as a natural treatment in wound repair for thousands of years. Manuka Honey increases healing time via a dual effect on the inflammatory response. Manuka Honey suppresses the production and proliferation of inflammatory cells to the wound site, preventing a prolonged inflammatory response and initiating the tissue remodeling process (wound repair).

After having served an important role in the medical tradition of many peoples for millennia, honey was 'rediscovered' by modern medicine as a topical agent for treating wounds and burns. Only recently have scientists been able to explain how this unique substance is able to play a beneficial role in the wound healing process: Honey contains a low pH (3.2-4.5) which increases the release of oxygen from haemoglobin, accelerating the healing response of wounds. In addition honey contains a high sugar content which has a beneficial osmotic effect on wounds by drawing out moisture and reducing infection rates. Honey also has a nutritional action in the wound, indirectly through osmotic flow of lymph, which brings nutrients needed for healing, but also directly through an intake of easily metabolized carbohydrates, amino acids, vitamins and minerals.



ANTIOXIDANT ACTIVITY

Manuka Honey contains significantly high levels of antioxidants. This is reflected in Manuka Honey's high content of phenolic acids, flavonoids, carotenoids, organic acids and amino acids.





SCIENTIFIC PROCESS

MANUKA HONEY

is undoubtedly one of the most unique and highly sought-after medicinal honeys on the planet.

Manuka Honey provides the raw materials for a unique, powerful, and natural solution to an age-old problem: **Regeneration**.

My Kiwi Green's Manuka Honey Spray is designed to accelerate and support the cellular regeneration process within the body. This product has been developed using a complex novel, patent protected scientific process, unleashing the natural regenerative power of New Zealand's unique Manuka Honey.

HOW?

ROYAL JELLY PROTEINS from Manuka Honey are gently recovered and isolated using a novel patent protected method.

THIS NOVEL TREATMENT utilizes Photo-Fenton chemistry (oxidization process) to recover over 1 billion particles per mil (RJP, antioxidants, minerals).

WHY ISOLATE ROYAL JELLY PROTEINS?

Royal Jelly proteins contain high levels of hydroxyl radicals. Hydroxyl radicals turn CO₂ back into water, which is the fundamental energy system used in physics to initiate cellular death and regeneration (Apoptosis).

WHY?

OVER 50-70 BILLION CELLS undergo a natural recycling process called Apoptosis every day.

THIS PROCESS STIMULATES REGENERATION & REPAIR of the body by initiating the breakdown of dysfunctional cellular material.

THE ENERGY REQUIRED to turn cells back into CO₂ and water (Apoptosis) comes from Photo-Fenton Chemistry (oxidization process) and the production of hydroxyl radicals.

