

**SCIENCE JOURNAL** 

# WOUNDS: HOW MANUKA HONEY WORKS ON WOUNDS





While the anti-bacterial and antiseptic properties of regular honey have been appreciated across the globe, **manuka honey works in a similar but superior way.** 



Manuka Honey is fast acquiring a formidable reputation as a remedy for the **treatment of wounds, abrasions, cuts and scars.** 



The MGO in this honey play the role of healer-warrior **fighting against germs** and **limiting their presence on the wound surface** or in facial cold sores.

#### **HOW TO APPLY MANUKA TO A WOUND**

Some doctors have begun using it in clinical settings as it has proved to be effective in treating simple and painful wounds in controlled tests.

Bandages soaked in raw and highly potent manuka are applied on wounds, in particular wounds and cuts that result from infections and injuries. The U. S. Food and Drug Administration (FDA) has recently approved these infused bandages for prescription and over-the-counter sales.

The powerful antimicrobial compounds – methylglyoxal and hydrogen peroxide – work on the wound in a dual treatment mode. It disinfects the wounds and draws away moisture. In doing so, it prevents existing bacteria from thriving and new bacteria from reinfecting your cut or sore.

In addition to this, the low pH levels of honey and the presence of sugars (glucose and fructose) hamper the spread of bacteria in your skin.

This gives your wound time to heal and new tissue to form over the dead cells.

Astoundingly, strong MGO activity in manuka encourages healing at a much faster rate than expected from a natural remedy. The purity and potency of the honey you use will have a bearing on the restorative process.

Severe cuts, scarring and skin conditions would require the presence of higher levels of MGO in manuka for the treatment to be effective.



For this reason, we recommend medicinal and superior-grade Manuka honey for reduced symptoms and distinct signs of healing. Our **Manuka Honey MGO 1717+** gently sanitizes the wound, soothes the pain and inflammation, and promotes rapid healing.

#### **MEDICINAL MANUKA HONEY - MGO GRADES EXPLAINED**

Premium medicinal Manuka honey is defined as high-grade MGO Manuka honey that is scientifically tested for its curative compounds such as antioxidants, bioflavonoids and immune boosting enzymes.



This honey presents higher levels of MGO (Methylglyoxal) when compared to table-grade Manuka honey and is

naturally bio-active with anti-bacterial, antimicrobial, antiseptic, and anti-inflammatory properties for the holistic prevention and treatment of various health ailments.

Commonly known uses include: burns, wounds, infection, oral care, ulcers, gut health, cold & flu, sore throat, cough, immunity building, general wellbeing, and beauty and skincare.

The higher the MGO number of the Manuka Honey, the stronger its antimicrobial bioactivity levels and the more potent the natural medicinal benefits.

The MGO levels of Biosota's high strength medicinal Manuka honey ranges are regularly tested and verified authentic by independent accredited laboratories both in Australia and New Zealand.

#### ANTIBACTERIAL BIOACTIVITY & SUGGESTED USAGE

THIS CHART DISPLAYS THE SUGGESTED MEDICINAL USAGE FOR VARYING GRADES OF MANUKA HONEY. THE HIGHER THE MGO RATING, THE STRONGER AND MORE POTENT THE MANUKA HONEY AND ITS USES.

F	RANGE STRENGTH	MGO	NPA/ULF	SUGG	ESTED USE
( )	HE ULTIMATE STRENGTH MGO 2100+ (LIMITED EDITION)	2100+	36+	USE	BURNS
	SUPERIOR STRENGTH MGO 1000+ TO 1900+ (RARE)	1717+	31+	MEDICAL GRADE U	WOUNDS  ULCERS  INFECTIONS  GUT HEALTH  ORAL CARE  COLDS & FLU
		1443+	28+		
		1200+	25+		
	HIGH MEDICINAL STRENGTH MGO 500+ TO 990+	880+	20+	THERAPEUTIC GRADE USE	
N		550+	15+		
	MEDICINAL STRENGTH MGO 300+ TO 490+	400+	12+		SORE THROATS
	MINIMAL BIOACTIVITY REQUIRED OR MEDICINAL USE)	300+	11+		COUGHS
_	EVERYDAY STRENGTH MGO 30+ TO 290+	260+	10+	USE	WELLBEING
		150+	5+	TABLE GRADE USE	IMMUNITY
		30+	2+	TABLE	SKINCARE

Statements made have not been evaluated by the TGA (Australian Therapeutic Goods Administration) or FDA (US Food & Drug Administration). Products sold are not intended to diagnose, treat, cure, or prevent any disease.

#### MANUKA HONEY AIDS IN THE HEALING OF SCARS.

For medicinal use and to treat ordinary wounds and scarring, Manuka Honey should possess minimum activity. Some varieties are stronger than others in terms of MGO content and antibacterial activity.

Looking to get rid of those blemishes on your face? Add our **Biosota Manuka Honey MGO 1717+** to your medicine box as it makes a perfect natural topical antiseptic and cleanser.

The antioxidants in Manuka have an important role to play in reducing the intensity of age and stress-related spots. Regular application of manuka on surgery scars can help diminish the mark and allow it to fade off.

**MEDICINAL MANUKA HONEY** 

## **HOW TO USE AND APPLY MEDICINAL MANUKA HONEY**

Medicinal Manuka honey usage and dosage suggestions made are based on our own direct experience, from feedback received and collated from real customers, and from the latest published scientific journals and research papers.

Dosage and individual results may vary. Please consult your healthcare provider before beginning any treatment and if symptoms persist.

(Allergy advice: honey should not be consumed by children under the age of 1 and people with allergies to honey and bee products).

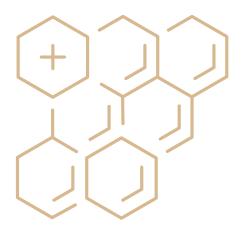
### **FOR BURNS & WOUNDS**

<u>Try Superior Strength Medicinal Manuka</u> <u>Honey Range - MGO 1000+ to 1900+</u>

For topical application for a burn, wound, or infection liberally apply a superior grade medicinal Manuka honey directly to the affected areas. Cover with a clean and sterile dressing: bandage, gauze, compress, or cling film (optional). Leave overnight and change the dressing when saturated, or as needed.

At Biosota Organics, our passion lies in the natural healing power of Manuka honey.

Our premium Australian Manuka Honey is cultivated by nature with a whole lot of science and love as our secret ingredients.







"What a wonderful natural amazing product. It not only tastes great, works wonders for sore throats and when used to assist wound healing appears to reduce healing time"

Peter B.



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