




... a natural healing honey

JARRAH HONEY HAS BECOME POPULAR FOR ITS MEDICINAL PROPERTIES, LOW GLUCOSE LEVELS AND BECAUSE IT IS HIGHLY ANTIMICROBIAL.

PNH is proud to introduce a honey which comes from West Australian's unique **Jarrah** tree located in the State's south west. **Jarrah Honey** has been discovered to have a naturally high antibacterial activity that strongly inhibits the bacteria *Staphylococcus aureus*, otherwise known as Golden Staph. Controlling Golden Staph, and other bacteria effecting wounds to the body is vital as more and more people become resistant to antibiotic treatments.

Pure **PNH Active Jarrah Honey** is a unique product. The antibacterial activity of the honey is derived via natural enzymes in the honey.

While the anti-bacterial and healing effects of honey have been known for thousands of years, **Jarrah honey** has become popular for its medicinal properties, low glucose levels and because it is highly antimicrobial. In other words ... it is a natural healing honey.



Conclusive research by the Government Department of Agriculture and Food Western Australia, has determined the special antimicrobial properties of **Jarrah honey**.

The antimicrobial quality is measured by the term of 'Total Activity' (TA). **Active Jarrah honey** is strongly antimicrobial* and scientific laboratories measure and rank its activity.

*Reported as having a Total Activity of 30.2% (w/v) phenol equivalent in "Honey has an antifungal effect against Candida species" (2006). Medical Mycology 44, 289-291.

Jarrah honey (*Eucalyptus marginata*) is a native tree unique to Western Australia (WA). It grows in the rich, environmentally clean native forests stretching from Perth to WA's rich South West. Our much sought after Jarrah honey is sourced from this region in Western Australia where the Jarrah trees flower biennially. During late spring and early summer the trees produce a profusion of flowers which come alive with the buzz of bees busily collecting the rich nectar and pollens to make **Jarrah honey**.

All **PNH Active Jarrah Honey** is tested by an independent testing laboratory and is measured by the standard (phenol) bacteria-killing scale for total antibacterial (TA) activity. It is guaranteed to be of the highest quality, free from introduced residues and is carefully processed to maintain its unique properties.



PNH Active Jarrah Honey is recognised by a symbol that includes a number that determines its antimicrobial strength.

PNH Active Jarrah Honey can be used to treat wounds, burns and skin infections. It has been scientifically researched and proven to have a high percentage of activity level, making it an excellent choice for dressing golden staphylococcus infections, *E.coli* and *Candida*, and ulcerated wounds.

The secondary antibacterial activity is thought to be via the osmotic effect, as honey is a saturated solution of sugars and has osmotic, or water withdrawing, properties. Water molecules strongly react with the sugars in honey leaving little water available for microorganisms. The bacteria that cause infection are unable to survive in honey because they become dehydrated*.

*Beylier (Perfumer Et Flavorist, April/May (1979), Vol. 4, 23-5.

PNH Active Jarrah Honey, produced from Western Australia's unique Jarrah tree in the state's southwest, has naturally high antibacterial activity*. Jarrah honey has significantly higher activity levels than Manuka honey from New Zealand, which is also strongly antibacterial*. The antibacterial activity of honey primarily comes from the presence of hydrogen peroxide generated by an enzymatic activity called glucose oxidase*.

*Manning R (2002) Jarrah Forest Honey: Potential Healing Properties.



“ **PNH Active Jarrah Honey** contains 100% pure honey with no additives just as the bees make it. ”

Jarrah honey is also a very unique world-class table honey. It's medium to semi dark amber colouring has a rich and full-bodied flavour, is smooth and delicate and yet has tendencies towards savoury.

As a honey drink, optimal antimicrobial activity is produced when honey is diluted to concentrations between 30 and 50%(v/v) (The effect of dilution on the rate of hydrogen peroxide production in honey and its implications for wound healing.

Journal of Alternative and Complementary Medicine 9(2), 267-273

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We trust you will enjoy the rich unique flavour and benefits of **PNH Active Jarrah Honey**



Introducing ...

Active 
**JARRAH
 HONEY**

The healing honey



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