

TAMANU OIL

Also Known As "GREEN GOLD"



A South Pacific WIN For SKIN!

Congratulations on taking the time to learn more about this magical oil. If you suffer from a troublesome skin condition or know someone who does, then you have stumbled upon a **unique** product that just may be worth giving a try.

While there have been a number of scientific studies on Tamanu Oil, the research has been limited, due largely to the product not being well known outside Pacific Island countries such as Vanuatu and Tahiti. However, sufficient scientific studies have been done in Europe and the U.S to know that this oil has the unique ability to promote the formation of new skin tissue and that it possesses anti-inflammatory, anti-neuralgic, antibiotic and antioxidant properties.

Read on to learn more about this mind-blowing oil and why it is positioned to take the Skin Care & Beauty Industry by storm!



The Healing Powers Of Tamanu Oil

For centuries, the indigenous Melanesians and Polynesians have been aware of the wonderful regenerative and curative properties of Tamanu Oil. The natives regard it as one of nature's sacred gifts from nature – No wonder it is sometimes referred to as the Sacred Oil Of Tamanu or Green Gold!



The real healing power of this traditional topical oil is its **unique ability to promote the formation of new tissue**, thereby accelerating wound healing and the growth of healthy skin (anti-aging). The scientific term for this process is "cicatrization".

Your skin is the largest organ in your body. It is made up of 3 different layers - the Epidermis, Dermis, and Hypodermis. Within these 3 layers are various other layers, all with specific functions. Tamanu Oil **effectively speeds up the healing process** by penetrating deep into the underlying connective tissues of the skin and promoting the growth of new skin tissue.

Scientists don't fully understand the unique cicatrizing properties of the Oil as it has an extremely complex portfolio of chemistry that is difficult to decipher or explain. However, scientific studies clearly establish that Tamanu Oil is a **significant healing agent**, not only because of its ability to produce new skin tissue, BUT ALSO because of its **anti-inflammatory, anti-neuralgic, antibiotic and antioxidant properties**.

BioScience Laboratories conducted a study of Tamanu oil's ability to improve the appearance of scars. Six subjects with obvious scars aged for one year or more participated in the test. Subjects were not allowed to use moisturizers on their scarred areas for seven days before the test or throughout the nine-week test



period. Scars were rated for roughness, length, width and degree of difference from surrounding normal skin. Measurements of darkness and redness were also taken for scarred and surrounding normal skin. Digital photos of scars were taken prior to initial application and at the end of week nine.

Tamanu oil was applied to the scarred area twice daily for nine consecutive weeks. There was significant improvement in appearance of scars after six weeks, and improvement continued through week nine. Scar length was reduced by an average 0.28 centimeters, and width was reduced by an average 0.12 centimeters. [Beausoleil]

Source: Dweck, A.C.: *Calophyllum inophyllum* – Tamanu oil the African, Asian, Polynesian and Pacific Panacea. International Journal of Cosmetic Science **24**, 6, 1-8 (2002).

JUST LOOK AT SOME OF THE REPORTED USES OF THIS AMAZING SOUTH PACIFIC SKIN CARE PRODUCT!

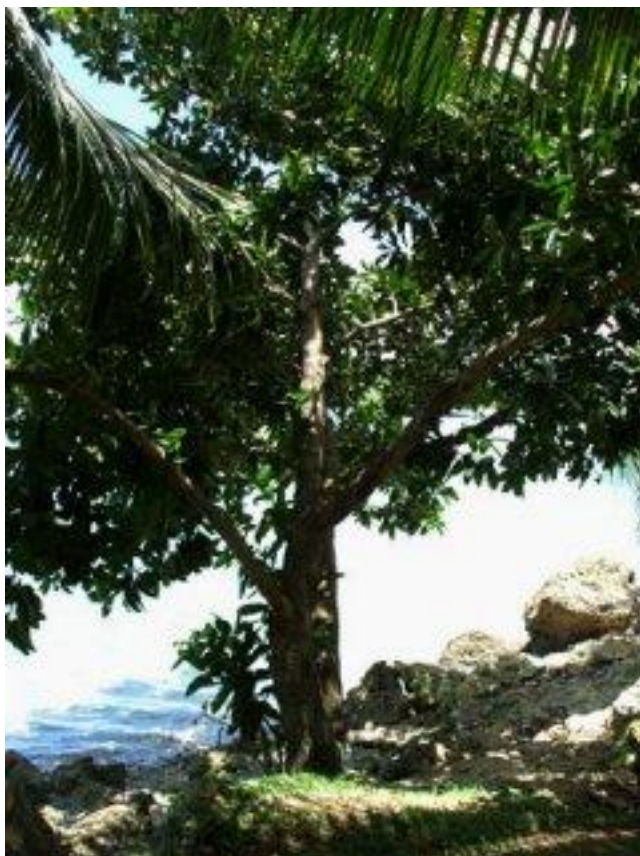


- Acne, acne scarring, pimples.
- Ulcers, boils, scrapes, sores and cuts.
- Skin blemishes and rashes.
- Dermaphytosis of the scalp or beard.
- General Itching.
- Burns, insect bites and stings.
- Psoriasis.
- Athletes Foot.
- Foot odor / body odor.
- Chilblains, Fissures, Ring Worm.
- Infected wounds, general swelling.
- Skin grafts and skin abrasions.
- Stretch Marks.
- General scarring.
- Sciatica and Rheumatism.
- Shingles, sunburn.
- Dry or scaly Skin.
- Diabetic sores, Neuralgia
- Eczema.
- Herpes sores.
- Nappy Rash.
- Ligament damage /pain relief
- Vaginitis
- Age Spots



How Tamanu Oil Is Produced

Tamanu oil is made from the nut kernels of the Tamanu Tree. Its scientific name is *Calophyllum inophyllum* – an evergreen tree and a member of the Mangosteen Family. This tree is actually indigenous to the tropical areas of South East Asia but it especially flourishes in tropical countries such as the exotic Melanesian islands of Vanuatu and in Polynesian islands such as Tahiti. It can also be found in parts of Southeast Asia, Malaysia, Sri Lanka, Vietnam and even Southern India.



While the Tamanu Tree can grow inland, it prefers salty, sandy soil, with the result that it tends to grow profusely near the sea.

The native Melanesian people of Vanuatu claim that the best quality Tamanu Oil comes from the trees that grow near coastal areas, rather than from those that grow inland.

While the tree is slow-growing, it can grow up to 30 meters in height.

The Tamanu Tree has been known by many names. For example, in Vanuatu, the tree is also known as “Nambagura”. In Fiji, it is called “Dilo” or “Dolno”, “Ati” in Tahiti, “Fetau” in Samoa, “Funa” in the Maldives and “Kamani” in Hawaii.

The trunk is usually covered in dark, cracked bark while the leaves are elongated and glossy. Small, sweet-smelling white flowers (with a yellow center) are produced twice yearly.

These flowers then give way to clusters of fruit. These start out green but turn a yellowish color as they mature. Inside this thin, fleshy fruit (which is inedible) is the Tamanu Nut (sometimes called “Punnai”).





The fruit is allowed to fall naturally from the tree and the pale-colored nut kernels are then laid out on racks to dry (for 1-2 months). During this process, these kernels turn a brownish-red color and release a strong, rich oil.



Dried Tamanu Nuts

The oil is then extracted by cold-pressing and filtration. It takes an awful lot of nuts to produce a small quantity of oil – in fact, it takes around four trees to produce approximately 20 Liters of “pure” Tamanu Oil, depending on the size and yield of the trees!



20 Liters of 100% Tamanu Oil

Your skin is the largest organ in your body. It is made up of 3 different layers - the Epidermis, Dermis, and Hypodermis. Within these 3 layers are various other layers, all with specific functions. Tamanu Oil effectively speeds up the healing process by penetrating deep into the underlying connective tissues of the skin to promote the growth of new skin tissue and blemish-free skin.

Scientists don't fully understand the unique cicatrizing properties of the Oil as it has an extremely complex portfolio of chemistry that is difficult to decipher or explain.

Tamanu oil has even been used topically for relieving the pain of leprous neuritis. In 1928, Sister Marie-Suzanne, a missionary nun of the Society of Mary stationed in Fiji, tested Tamanu's medicinal properties and used it effectively to treat leprosy.

In the 1930s French researchers investigated Tamanu Oil and found it effective in the treatment of a number of cases involving serious skin conditions. One such case involved a woman admitted into St. Louis Hospital in Paris. She had with a large



gangrenous leg ulcer that would not heal and amputation seemed the only option. However, to the astonishment of the doctors, the leg wound eventually healed after regular dressings of Tamanu Oil were applied.

The literature indicates that Tamanu Oil possesses a unique fatty acid, **Calophyllic Acid**, which may be the component responsible for regeneration of new skin tissue. Other interesting components include **Lactone** (antibiotic), anti-inflammatory agents such as **Calophyllolide** and **Courmarins**, as well as different types of Lipids (fats).

The Cancer Chemopreventative Agents, 4-Phenylcoumarins from Calophyllum.

In a search for anti-tumor-promoting agents, Faculty of Pharmacy, Meijo University, Tempaku, Nagoya (Japan) carried out a primary screening of ten 4-phenylcoumarins isolated from **Calophyllum Inophyllum**, by examining their possible inhibitory effects on Epstein--Barr virus early antigen (EBV-EA) activation induced by 12-O-tetradecanoylphorbol-13-acetate in Raji cells. **All of the compounds tested** in this study **showed inhibitory activity against EBV**, without **any cytotoxicity**. Calocoumarin-A (5) showed more potent activity than any of the other compounds tested. Furthermore, calocoumarin-A (5) exhibited a **marked inhibitory effect** on mouse **skin tumor** promotion in an in vivo two-stage carcinogenesis test. The results of the present investigation indicate that some of these 4-phenylcoumarins might be valuable as potential cancer chemopreventive agents (**anti-tumor-promoters**).

Source: Cancer Letters, Volume 169, Issue 1, Pages 15-19 M. Itoigawa

While these tests were conducted on rats, the scientific findings strongly suggest that Tamanu Oil could well operate as an anti-cancer promoter in humans as well.

Anti-Aging Qualities Of Tamanu Oil

Whether we like it or not, getting old is unavoidable and so aging skin is normal too. However, the process by which skin ages is aggravated by various factors. One of the most important of these is the damage inflicted by the sun (and to a lesser degree – the wind).

While there are many so called “ant-aging” products on the market that promise more youthful looking skin, the majority of them contain chemicals, artificial preservatives and synthetic colourings that are often toxic and likely to do more harm than good.

However, given Tamanu Oil’s unique ability to promote the growth of new, healthy skin tissue, the benefits of using **natural Tamanu Oil-based** products are obvious.



"I have been a user of the Tamanu oil for the past 5 years. I discovered the product after moving to live in Vanuatu in 2002. The product has excellent skin repair quality and through daily use of the product on pigmentation blotch on my temple this has completely gone and I also treated a small wart on my knee which also disappeared within 3 months. I continue to use the product on the back of my hands which tend to dry out through extended exposure to the harsh Vanuatu sun whilst playing golf."

Bryan Death, General Manager
Moorings Hotel, Vanuatu
www.vanuatutourism.wordpress.com

The Lipid Composition Of Tamanu Oil

The Oil of Tamanu contains basic classes of lipids (fats), enumerated below.

General lipid composition	Percentage
Neutral lipids	92%
Glycolipids	6.4%
Phospholipids	1.6%
Neutral lipids	
Monoacylglycerols	1.8%
<i>sn</i> -1,3 – Diacylglycerides	2.4%
<i>sn</i> -1,2 (2,3) – Diacylglycerides	2.6%
Free fatty acids	7.4%
Triacylglycerols	82.3%
Sterols, sterolesters and hydrocarbons	3.5%
Glycolipids	
Monogalactosyldiacylglycerol	11.4%
Acylated sterolglucoside	13.1%
Monogalactosylmonoacylglycerol	22.2%
Acylmonogalactosyldiacylglycerol	53.3%
Phospholipids	
Phosphatidylethanolamine	46.3%
Phosphatidylcholine	33.8%
Phosphatidic acid	8.1%
Phosphatidylserine	6.1%
Lysophosphatidylcholine	5.7%

Source: *The Journal of the American Botanical Council – Issue 63 (Pages: 26-31)*



"I am Tamanu Oil's greatest fan. Having reached the age of 50 (okay, so maybe I'm a little older), I found that I was beginning to have some age spots appear on the back of my hands. I think this was due to spending too much time in a bikini when I was younger. Whatever the reason, I didn't like it. After using straight Tamanu Oil, I don't have one single age spot on either hand! I now use Tamanu Oil all the time. It is the greatest skin care secret of all time and but for moving to live in Vanuatu, I wouldn't even have learnt that such a miraculous natural product existed."

Pamela Reynolds, CEO

PR's Management Consulting & Financial Services

Vanuatu Ph: (678) 58381 or (678) 51405

How To Apply Tamanu Oil

Tamanu Oil should be **applied topically**. That is to say, it should be applied directly to the surface area of the affected skin, not ingested. Initially, it may be necessary to apply the oil 3 or 4 times a day and then drop it back as the problem begins to heal.

Once applied, massage in. The oil will absorb readily into the skin, without leaving any oily residue.

As a general rule, Tamanu Oil **DOES NOT** need to be diluted with Olive Oil or any other oil. Don't be fooled by companies who sell you Tamanu Oil (at Tamanu Oil prices) but where it's really 50% Tamanu Oil and 50% Olive Oil! Pure or light olive oil is likely to be chemically processed whereas Tamanu Oil is "**naturally derived**", so why chance contaminating it with some inferior oil?



If you are paying for 100% Tamanu Oil, make sure that is what you are actually getting. Any supplier who puts "profits" before the "benefits to the customer" is a supplier you don't need.



Expected Results

Results can be almost immediate and readily visible to the naked eye. I have personally used pure Tamanu Oil **to remove an age spot** I had on my left thigh. I applied the oil 5 or 6 times a day . I used a 12ml Roll On bottle and I could literally see the oil actively working on my skin. Within 2 or 3 weeks the age spot was completely gone! The little Roll On bottle was compact, which meant I could easily carry it in my pocket. The oil was easy to apply by simply rolling it on AND the Roll On bottle was refillable.

Now having had this success, I then tried it on a blemish (which also appeared to be an age spot) on my other leg. While this skin blemish has faded, it hasn't completely gone away. Therefore, results are likely to vary according to the individual or the specific problem.

Pure 100% Tamanu Oil has been incorporated into certain skin care creams, soaps, facial products and even lip balms. Sometimes, this is actually desirable due to the strong aroma of the oil itself.

In addition, you may find that a Tamanu Oil-based cream to be a much more suitable application for your pet (see below)!



Tamanu Oil And Animals

Given that the benefits of this fabulous oil seem to be endless, it shouldn't come as any surprise that the oil's amazing cicatrising power works on animals such as dogs, cats and even horses.

Humans and animals are not all that different. However, dogs and horses DO tend to be somewhat more prone to injury! Dogs get into scrapes with other dogs. Horses seem to cut themselves on barb wire or other objects.

Cats can develop a range of skin irritations for any number of reasons, including injury. Animals can also suffer from conditions akin to Rheumatism, post surgical wounds, scarring or a pulled muscle, a sprain or general inflammation. Fleas and bites commonly lead to itching and sores.

The cicatrising properties of Tamanu Oil, coupled with its natural antibiotic and anti-inflammatory/analgesic qualities should not be overlooked when it comes to caring for your pet.



Environmentally Friendly

It is only after the fruit of the Tamanu Tree have fallen to the ground naturally that the nuts are collected and dried. Consequently, there is no negative impact on the trees themselves. The harvesting of the nuts and the subsequent cold pressing into Tamanu Oil is a sustainable source of income for the native Ni Vanuatu in a largely non-cash economy. This income is much needed to pay for their children's schooling and basic necessities such as rice.

Vanuatu has been rated # 1 on the "Happy Planet Index. The HPI is a new global measure of which ranks the progress of nations based on the **amount of the Earth's resources they use**, and the length and happiness of people's lives. This is a revolutionary new approach to measuring human well-being and environmental impact, published by the New Economic Foundation in association with Friends of the Earth.

Apart from Vanuatu's low population, unique rainforests (with very little logging) and a large land area rich in volcanic ash (plus 2500 kms of exposed coastline), a very significant factor for Vanuatu being chosen as the Happiest Country On Earth was the fact that **Vanuatu emits next to NO carbon emissions!**

Limitations

Bearing in mind that Tamanu Oil is made from nuts, it is strongly recommended that **anyone with an allergy to nuts** test it on a small area of the skin first. If a person has a life-threatening allergy to nuts then Tamanu Oil should NOT be applied without first consulting and obtaining the go-ahead from their doctor.

Apart from this precaution, there are no known adverse effects.

Where To Buy Tamanu Oil

First of all, make sure that what you're buying is **pure** Tamanu Oil and that it is not mixed with some lesser, inferior oil. The safest way to be guaranteed that the product is 100% Tamanu Oil is to purchase direct from Volcanic Earth New Zealand online by going to **<http://www.volcanicearth.co.nz/>**

You can also order direct by phoning us on **+64 3 351 7041** or **+64 21 944333** or by emailing us at: **volcanicearthnz@gmail.com**

So, get yourself some Tamanu Oil TODAY!