

Imagine this!

NEW PRODUCT IN THE WORKS FROM GARLAND BAMBOO TEA CO!

BAMBOO VINEGAR

Because of its abundance and slightly acidic nature, bamboo vinegar is useful in many ways ranging from medicinal to cosmetic:

- As a deodorizer, it's slightly acidic nature makes the vinegar toxic to bacteria so it can be used in products ranging from foot deodorizers, underarm to cleaning supplies.
- The acetic acid and organic compounds found in bamboo vinegar give it the ability to leave your hair and skin soft and smooth, making it a popular ingredient in cosmetics, soaps and hair care products. Bamboo powder can also be found in natural soap.
- The acetic acid and anti-fungal properties also serve to heal various skin ailments like eczema and atopic dermatitis and relieves itching.
- In the medical world, bamboo vinegar is gaining traction as a sterilizer.
- Recent studies show that bamboo vinegar improves growth rate of vegetables since it works as an antibacterial agent in agriculture and is also a good fertilizer.
- Its antibacterial properties make it ideal for use in food and drink processing as well as in water purification in sewage treatment plants.
- The most widely known use of bamboo vinegar is its presence in the popular [foot detox pads](#). The organic compounds in bamboo vinegar make it a powerful detoxification agent as it quickly removes toxins from the body and improves the circulation of blood in the body. These pads are placed on the bottom of the feet on the acupressure points at night to draw out impure substances giving the users more energy. **Over 18 million foot patches are sold every month in Asia and the trend is becoming more popular in the United States.**

Bamboo Vinegar

Bamboo Vinegar is made from sap extracted from bamboos which are then distilled under high temperature to eliminate impurities and refine it. It's in liquid form and organic. It contains more than 200 natural ingredients: organic acid, methanol, propenol, and lignin.

Advantage:

- Repel pests, Prevent plant infection from fungal, bacterial and virus-like disease
- Increase crop resistance to adverse condition
- Improve flavor, color, firmness and preservation of fruit
- Strengthen the photosynthesis; Increase the content of chlorophyll of the plants
- Improve absorption through the roots

Product Analysis:

	% (w / v, g / 100ml)
Appearance	Dark red liquid
Total acid	4.5-5
Refraction rate	5-7
Soluble tar	0.5-1.2
PH	2.5-3.0

Packing: 1L/ 200L

Application:

Soil Application: 6-10 L / Ha / time, 2-3 times during seedling stage and growth stage.

Foliar Application: -5L / Ha / time, 2-3 times during seedling stage and growth stage.

It can be mixed with most acidic fertilizers and pesticides. Nevertheless make a miscibility test before first application.

<http://www.youtube.com/watch?v=zAk5c2F2Ykk>

The link above is to a video showing the process of producing bamboo charcoal and bamboo Vinegar. Based on this video, it is more than apparent that much research is yet to be done before the Garland Bamboo Tea Co. and create products from bamboo charcoal and bamboo vinegar. **However, key to all this is that we do have the raw materials as well as the potential to grow much more than we already have.**

Bamboo vinegar is similar to regular vinegar but has special qualities that set it apart.

These unique characteristics allow it to soothe the body in various ways including some of the following:

It's medicinal: Our bodies absorb toxins everyday but don't release them easily.

Nutrients in bamboo vinegar aid this process. Also, rubbing bamboo vinegar on inflammations and rashes provides much needed relief because it has anti-inflammatory and anti-fungal properties.

It deodorizes: The acetic acid found in bamboo vinegar gives it the ability to kill unwanted odors quickly.

In other words it's a natural way to keep you smelling respectable throughout the day without putting undesirable chemicals on skin.

Its skin friendly: Bamboo vinegar is an ingredient in many cosmetics and personal care products because it softens skin and dry or damaged hair. How is it applied? Either directly or by pouring it into a tub of water when taking a bath.

Home Care. Bamboo vinegar's acidic nature also makes it ideal for household cleaning in the following ways:

- **It Refreshes:** Just like it helps people smell better bamboo vinegar acts as a deodorizer for the bathroom, kitchen and elsewhere in the home. The best part is this natural phenomenon doesn't leave any nasty fumes.
- **It disinfects:** After being slightly diluted in a spray bottle it makes an excellent choice for sanitizing and cleaning tough spots including stains from leaky dirty diapers, rotting garbage bag spills, and even pet cages. The bottom line is that bamboo vinegar does a number on germs.
- **It repels:** Insects have a strong sense of smell and detest scents from herbs like mint, citronella, and lavender. Bamboo vinegar falls into the same category and makes a useful tool for keeping pests at bay.

The most important thing to remember about bamboo vinegar is not to ingest it.

You may find it being used with certain types of foods, but unless otherwise noted keep it out of the mouth and eyes.

Read more at

<http://livinggreenmag.com/2012/09/07/food-health/bamboo-vinegar-heals-sanitizes/#tOgwjb867cupY7t1.99>

BAMBOO VINEGAR is a byproduct of the production of bamboo charcoal, which is produced by burning bamboo in order to carbonize it. The process takes almost a year to perform. Scientific research indicates that it contains over 800 organic compounds, including glacial acid and at least ten different phenol groups. Bamboo vinegar, which is 47% acetic acid, has a pH similar to that of household vinegar, which is why it was given the name "bamboo vinegar".

It is a balanced recipe rich in minerals and trace elements such as Potassium, Calcium, Magnesium, Zinc, and Iron. These minerals and elements make it 30 times better than other vinegars. It has polyphenols, too.

Bamboo vinegar is produced normally by heating fresh bamboo at about 200 °c without the presence of oxygen. At this stage it normally called pyrolysis.

Water presence in bamboo will be evaporated. The water is collected by condensation. This liquid collected is called bamboo vinegar. Bamboo vinegar needs to be stored and refined. The longer the storage the better it is.

Bamboo vinegar has a smoke smell. The pH is about 2.5-3.0. It is very popular in Asian countries such as Japan, Korea and China. It is often used for medical purposes.

Bamboo vinegar can be freeze-dried to form powder. The bamboo powder is used for detoxification. If you happen to see product for detoxification and normally used as foot patch then it is most likely is from bamboo vinegar.