

## The Secret of Noni

By: Dr. Heinicke

Dr. Ralph Heinicke, an authority on the remarkable Noni fruit, graduated from Cornell and received his Ph.D. in biochemistry from the University of Minnesota. He also has an electrical engineering degree from the University of Kentucky, Lexington.

He lived in Hawaii from 1950 to 1986, working variously for the Dole Pineapple Company, Pineapple Research Institute, and the University of Hawaii.

My discovery of Noni's essential ingredient came from studying bromelain, an enzyme found in pineapple. Dole Pineapple had hired me to find commercial applications for bromelain, the pineapple enzyme which they were producing.

The most important applications were in medicine. At that time the several drug companies investigating this enzyme assumed that the active ingredient was a protease, an enzyme that breaks down protein into amino acids.

To get FDA approval for the compound, we had to test it in its purest form, so the company asked me to make a pure protease from bromelain from their tests.

I did so, but when the drug company received their final test results, they found no pharmacological activity whatsoever. The protease in commercial bromelain had simply acted as a placebo. Something we had discarded in the process of purification was the actual agent for change.

After Dole had completed their research, I began to study bromelain on my own. I thought that the active substance was a precursor to an alkaloid that I named xeronine.

When I extracted the proxeronine and ran tests on it, I knew I had found the right compound. Further, the bromelain content in pineapple was decreasing because pineapple companies were depleting the soil of important micronutrients.

Meanwhile, my interest in Noni rose because Noni appeared to have many of the same properties observed in unpurified bromelain.

I began testing Noni, using the same technique I'd used with the pineapple plant to isolate the proxeronine. The Noni graphs were so similar to those of pineapple that if I hadn't labeled them, I wouldn't have been able to tell them apart. Noni contains the same agent that pineapple used to contain years ago.

We can understand the importance of this precursor, proxeronine, only if we look at xeronine itself. Xeronine is an alkaloid, a substance the body produces in order to activate enzymes so they can function properly.

It also energizes and regulates the body. This particular alkaloid has never been found because the body makes it, immediately uses it, and then breaks it down. At no time is there an appreciable, isolable amount in the blood. But xeronine is so basic to the functioning of proteins, we would die without it. Its absence can cause many kinds of illness.

Conversely, increasing the production of xeronine in our bodies can help cure various manifestations on diseases such as cancer, senility, arthritis, high blood pressure, and low blood pressure.

If an ailment is caused by a failure in the production of xeronine, flooding the body with a proxeronine will solve the problem.

I suspect we need sleep because the body needs time to make enough proxeronine to facilitate the production of xeronine. If we could constantly flood the body with a proxeronine, we would not need to sleep.

Making xeronine requires three essential ingredients; the proxeronine (a long polyether chain), an enzyme, and an energy source. The polyether chain must combine with the enzyme and a few other things in order to become xeronine. But there are eight biomechanical steps in this operation, and the body can interrupt the process anywhere along the way.

Unfortunately, as we age, our ability to produce xeronine diminishes, and many of our environmental poisons block the synthesis of the alkaloid as well. Noni, which is very high in proxeronine, can make up the difference.

I have seen the compound found in Noni work wonders. When I was still investigating its possibilities, I had a friend who was a medical research scientist administer the proxeronine to a woman who had been comatose for three months. Two hours after receiving the compound, she sat up in bed and asked where she was.

Xeronine also acts as a pain reliever. A man with very advanced intestinal cancer was given three months to live. He began taking the proxeronine and lived for a whole year, pain-free.

Noni is probably the best sources of proxeronine that we have today.

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