

## Why Manapol? That is "WHY MANNATECH!"

Monday, November 15, 2021

- This week's "Product Focus:" – Ambrotose Life
- Social Media Saturday's with Lindsay.... 10 AM CST <https://zoom.us/j/92316191159>
- For a limited time, Associates and Customers will receive **FREE Ground/Standard shipping for One Time Orders placed at \$199.00 or over.**

### 1. Understanding just what Manapol is.

- a. It is not exclusively Acemannan:
  - 1) Other than Acemannan, it's other ingredient is aloe pectin's ([Click Here for link:](#)) health benefits of pectin...regenerative, etc.)
- b. So, what exactly is Acemannan? Acemannan CAS# 110042-95-0 (Google it)
  - 1) Defined by 2 Independent Scientific Organizations:
    - (a) Chemical Abstract Services (CAS), a Division of the American Chemical Society
    - (b) United States Adopted Names Council (USANC), a division of the American Medical Association.
  - 2) These 2 Independent Scientific Organizations are the only ones to specifically define it: "must meet 1-2 million Dalton definition as set forth CAS and USAN"  
SO: As other companies are lower than 4-500,000, if it is not Manapol, it is not Acemannan!

### 2. Understanding Naturaloe Costa Rica

- a. Volcanic soils of Costa Rica (mineral rich) and soil preparation (Tait Switzer said "*this soil is the most fertile in the world*" ...andiosol soils)
  - 1) Add nutrients to increase quality of soil (1 of which is a potassium/phosphorous base which is the only thing that prevents them from calling it organic)
  - 2) Add "plant biome" to increase strength...this is one area truly setting them apart; microorganisms combat fungus and bad bacteria.
  - 3) See attached picture of planting a dead fence cross bar in these enhanced soils...few months later, new growth, and 2-3 more months, tree branches!
  - 4) Rest every field once every 5 years...planting other plants that minerally enrich the soils adding back nutrients as "rest."
  - 5) Zero carbon footprint. Supported by 30+ years of research and commitment for continuous improvement.
- b. Irrigation from mountain spring/dam established to re-route water without limitation. So, it more than covers every season even plentiful through the dry season as generated from underground spring.  
(dry season: all beautiful green turns brown from late November until June)
- c. Continuous upgrade through plant dissection and advances to enhance Acemannan content. From 2007 where Manapol was 30% Acemannan to 2021 it was 53%!
  - 1) Only use a plant for 5 years (each plant)
  - 2) Nursery for the tissue, then nursery for the plants, then plant to fields where they continuously remove the outer shorter "stalks" to enhance the strength and nutrients going to the inner healthy leaves.

3) Harvest only around 5 leaves from each plant. ***It takes 60 leaves to produce 1 tub of Manapol!***

d. Grupo Paloma (70+ years) which is the company that Yaacov Berman has been with for 30+ years (41 total years in agriculture), and they bought Naturaloe 7 years ago (which is where Fernando has been working for years) had bought out Carrington Labs in the 90's.

Due to Grupo Paloma's 60+ years of agricultural practices, they were able to tremendously enhance the quality of the aloe plant and thus, production of mannose. (see attached charts)

e. Yaacov (started working over 30 years ago with aloe) and Ferdinand are 100%+ committed to continuous improvement...every day in every way. Their attention to detail is unrelenting!

### 3. Process at the plant

a. First recognize that every plant in the field is processed between 1-8 hours of being cut...with the mannose stabilized during this process. The entire plant to Manapol container is within 24 hours.

b. The inner gel once removed from the leaf is then put into an ethanol bath which helps separate the Acemannan and aloe pectins from all other ingredients in the gel (it rises to the top).

### 4. Why is all of this critical?

a. Who around the world will ever even touch us if we are today "the only company with true Acemannan?"...and it is only getting more enhanced every year?

b. Naturaloe is now producing all our Ambrotose products as well.

c. This relationship will only get more significant over the years as Mannatech is looking to perhaps have all of our products packaged by Naturaloe. It is an incredibly synergistic relationship.



Acemannan CAS# 110042-95-0

Google it...and educate yourself!!!

**Manapol® is the only commercially available aloe known today that meets the 1-2 million Dalton definition set forth by \*CAS and \*\*USAN.**

\*Chemical Abstract,Service (CAS)—Division of the American Chemical Society (ACS)

\*\* United States Adopted Names Council (USAN)—Division of the American Medical Association (AMA)

*It is important to note that both of these organizations have no affiliation with Mannatech or each other. Each of these institutions independently and scientifically researched the science, benefits and structure required for Acemannan and concluded on the definition of Acemannan...so, if it is not Manapol®...it is not Acemannan!!!*

Average Molecular Weight at APEX (In Million Daltons)



### Manapol® Acemanan Content 2007-2021

