

I.M. Water Outline and Nature

Fields of knowledge, especially in the arena of health and nutrition, often revolve in a circle – with scientific “breakthroughs” merely echoing what healers and physicians had discovered and utilized thousands of years earlier. Such is apparently the case with a remarkable product named I.M. Water, distributed exclusively by BREAKTHRU SEED ENHANCEMENT CORPORATION. The following outlines the nature of the I.M. Water, what to expect from the use of the I.M. Water and the servings.

The new technology is based on the integration and balancing that occurs within nature exhibited and corroborated in the soil, plant and animal science arenas. It is based on a “Balanced Systems” approach that determines the optimal health parameters of an organism are. I.M. Water is purely natural, non-chemical nutritional supplement that is comprised of a proprietary, combination of minerals and humic and fulvic acid components. This summary will explain the underpinnings, research and theorized mechanisms of the I.M. Water. I.M. Water is based on these third party results not just well-intentioned beliefs, or even anecdotal evidence.

Characteristics

Humic Acid: is not soluble in water under low pH conditions (acidic conditions), but becomes soluble in an alkaline pH environment. Humic acids are composed of a multitude of medium sized molecules. Oxygen molecules compose 36% of humic acid, while nitrogen content is 4%. Because of its specific molecular structure, humic acid is a powerful electron donor, carrying a large negative surplus electrical charge on its surface. This release of electrons allows increased energy release on the cellular level of seeds and plant roots, resulting in rich and abundant plant growth.

Fulvic Acid: A humic substance that is water soluble under all pH conditions. Fulvic acid has the lowest molecular size and weight of all humic substances, with a molecular weight of only 2000 dalton. Oxygen content is very high at 48%, with nitrogen content below 4%. When combined with humic acid, the combined surface negative electron charge is compounded, causing significant energy production.

Facts:

1. Humic and fulvic acids are organic compounds of carbon, (also called "humin substances") that are found in the natural environment of planet earth. It is also interesting to note the base root of the word "humin" in the original Greek texts refers to the earth itself or life resonance. The related word "human" thus means being formed of the earth resonance itself. (The Genesis account in the bible refers to man being formed from the "dust of the earth" – or in the Greek text – the HUMIN of the earth with the resonant extropy of the creator.)
2. Humin substances are the active medium that all elements move into before they are absorbed into plants.

3. Humin is produced through the process of decomposition of organic matter (We are made from dust and return to dust) and also include humus, phenolic acid and carbon.

Since each living entity acts as an antenna, it is important that the crystalline components of the cells are optimized thus providing energy to the cells (all living species). This organic energy in turn allows the cells to process and utilize specific mineral ions to produce critical amino acid chains, proteins, hormones, enzymes while balancing the electron potential within the body. The I.M. Water components work within certain ratios that adjust automatically between the variability of individuals. By using the I.M. Water a system starts instantaneously to balance the individual requirements. These naturally occurring components are not man made drugs but rather very highly structured organic components that are in a highly available form. The antenna, once tuned, returns to an optimized state collecting other energy needed by the organism while repairing damaged and low efficiency areas.

In humans, for example we will produce our body's weight in ATP daily. However, we do not eat our body's weight in food daily. So where do we gain the extra mass? The crystalline structures that allow for different ultra low frequency wavelengths to be absorbed by our bodies are the different elements, molecules and structured living components like enzymes that produce this important compound. The activated agent here is the negative electron charge. The mechanics were first discovered and expounded upon by Thomas G. Hieronymous. [US Patent # 2,482,773](#)

Scientific Observations

The ORP or Oxidative Reduction Potential can begin to describe the quantitative values of ATP (adenosine triphosphate) production by describing the biological terrain of an organism. The graph that is developed determines the potential negative electron value of the system and therefore reflects the health of the body ecosystem. The x axis of the graph is the pH of the test material and the vertical y axis, with a range from plus 1200 to -1000, determines the amount of oxygen or negative electrons within a substance. Most raw organic vegetables have a negative value between -50 and -200 with a more alkaline pH. The interesting point here is that all disease happens between 0 and 800 values of the y axis within the full length of the pH. It is apparent from this that parasites and disease are killed by either high oxidation or a very low, thus high negative electron potential. It is fascinating how the body utilizes the I.M. Water to increase metabolic efficiencies by creating a dangerous environment for pathogens.

The metabolic functions of the individual drinking the I.M. Water will immediately be realized along with the individual's appetite. Since the body mechanism will be producing a higher amounts of internal ATP the individual will not feel or be hungry!!! Consequently, the body metabolism will change. Toxic biochemical compounds, parasites and pathogens along with heavy metals, that disrupt the over 4,000 metabolic enzymes, begin to be eliminated causing less triglycerides (fat) production. The

rebalancing cycle eliminates the excess fat that was used to immobilize the toxins (weight loss). Because of the increased metabolic efficiencies, lifestyle changes are next to occur. Cellular communication (ecosonoid metabolism) changes food preferences to foods that are more wholesome initiating more physical activity, increasing muscle and again reducing unneeded fat. All the result of a healthy and well organized system.

Combining with iron molecules in the blood, I.M. Water molecules increase the oxygen-carrying capacity of the blood, thereby increasing the cellular respiration factors and the all-important production of the cellular energy factor. In short, cells that are able to produce energy with ease are living cells, and thus it is much harder for Disease states to exist in the cells, organs, or tissues of the body.

A closer the examination of the humin substances in the I.M. Water and the deeper the metabolic processes that are observed by the scientific community is further explained below.

Humic/Fulvic Acid Metabolic Effects

Studies involving rats have demonstrated that the liver is the organ in which humic acid is first absorbed and then broken down into its primary elements. The breakdown of humic acid, to a lesser degree, also occurs in the gut, as beneficial, aerobic bacteria utilize the carbon in humic acid as fuel.[1] This is a very small fraction, however, as additional studies have shown that only 0.1% of humic acid is absorbed in the intestinal tract.[2]

Once absorbed into the liver, humic acid components have shown the ability to substantially accelerate cell metabolism, specifically the breakdown of glucose simple sugars, leucine and uridine. Humic acid supplementation regulates the rate of incorporation of these organic molecules into the liver then once the sugars are absorbed, humic acid accelerates their metabolism into energy (i.e. electron-releasing compounds such as ATP).[3]

In the same study, the presence of humic acid in the liver increased and greatly enhanced the utilization of mineral nutrients. in particular, the increased amount of molecular transfer across the intestinal cellular membrane was: Calcium and Magnesium (the alkalizing elements) 50%, Sodium and Potassium 16%, and heavier metals such as Manganese, Iron, and Zinc absorption was increased by an incredible 80%.[4]

In other studies, humic acid supplementation substantially increased the efficiency of the liver cell mitochondria by markedly increasing the respiratory rates.[5] As mentioned earlier in this paper, increasing cellular respiration rates can only occur in the presence of increased oxygen levels or oxygen sinks and the absorption of key mineral elements. Once cellular respiration is increased, however, the result is the more effective production of energy in the form of ATP at the cellular level.[6] The increased cellular energy then results in increased energy levels of the organism as a whole energy that can be used to

overcome a disease condition caused by bacterial or viral infection, parasite or fungal infestation, toxic environment, and even emotional stress.

Humic/Fulvic Acid Heavy Metal Removal

Scientific laboratory testing has also documented that human supplementation of humic and fulvic acids in a pH neutral, water-soluble form provides two very essential therapeutic benefits:

- 1) increases the absorption of vital trace element and minerals on the cellular level, and;
- 2) their innate capacity to bind with toxic heavy metals such as lead, cadmium and mercury and remove them from the organism effectively.

The cationic electron exchange ability, combined with the chelation ability of humic and fulvic acid starts to explain why they are able to increase the absorbability of certain “healthy” metallic molecules such as potassium, calcium, and magnesium, while binding with “harmful” elements such as lead, cadmium, and mercury eventually eliminating the metals from the cells and tissue. Removing these toxins from the body is a very important key to health and wellness in today's world.

Cadmium, lead, and mercury are bivalent ions and are extremely toxic environmental poisons primarily because they interfere with key cellular respiration mechanisms. Cadmium is documented as being a central nervous system neurotoxin, and thanks to modern fertilizing, pesticide, fungicide and herbicide chemicals, food across North America has high levels, as much as 25 to 60 mcg is ingested daily in the average diet.[7] Without natural chelation provided by humic/fulvic acids, cadmium accumulates in the body tissues. Elevated cadmium levels have been linked to renal (kidney) failure and disease,[8] hypertension, hepatic injury and lung damage.[9] Cadmium also has been shown to bind the transport proteins to absorb minerals as it displaces the ability of copper and zinc to be utilized effectively in the body.[10]

The nervous system of newborns and toddlers is highly sensitive to lead exposure, leading to many neurological disorders including seizures and brain damage. In adults, lead exposure has been definitely linked to hypertension (elevated blood pressure) especially in males age 40 – 59 years of age. Lead has been found in many chemically-processed spices and seasonings.[11] Mercury, like cadmium, is a neurotoxin that has been linked to many central nervous system disorders including Parkinson's disease, Alzheimer's, ADD and ADHD in children, and many clinical depression states. Ocean fish such as tuna have ever-increasing levels of these heavy metals due to the dumping of agricultural runoff and sewage chemicals that in time are absorbed by plankton and are eventually absorbed up the food chain. Additionally, mercury amalgam is used as fillings for dental cavities, as well as a toxic additive to juvenile immunization injections. So, if you feel that a detoxifying supplement such as I.M. Water is not needed to keep you in peak condition, you had better re-evaluate.

Desmutagenic Effects

The term mutagenesis refers to the beginning, or genesis, of cellular mutations that eventually form a wide variety of cancerous tumors in the tissues, bones, and organs of the human body. A key factor in the mutagenesis process is the disruption of cellular respiration whereby the cellular terrain becomes acidic. The role humin substances perform in accelerating cellular respiration has been discovered by research. Other mutagenic substances include chemical “medicines”, pesticides, ionizing radiation and ultraviolet light. Studies have shown that certain natural plant-derived materials such as humic/fulvic acids have been scientifically classified as desmutagens, meaning that they have proven the ability to either react with or bind to specific mutagens to break them down to the point where they become neutralized, thereby providing a strong defense against mutagenesis, and therein, against cancer.[12]

Research suggests that the desmutagenic activity of humic/fulvic acids is accomplished by actually absorbing mutagens rather than by decomposing them.[13] The absorption of the mutagens happens by means of the formation of specific humic acid-mutagen complexes which subsequently perform extracellularly by eliminating the formation of genotoxic compounds that negatively affect the DNA of the cell resulting in cancer cells.[14] Humic/fulvic acids work as a mutagenic neutralizer outside the cell, rather than the direct protection of the DNA from damage at the intracellular level. Furthermore, it appears that the mechanism of the action of humic/fulvic acids is not directly inhibiting the metabolism of the mutagen itself, but rather the acid is actually binding to and completely inactivating the mutagen. The ability of humic/fulvic acid to absorb mutagens has been shown to increase with the molecular weight of the acid.[15]

Role Of Humic/Fulvic Acid In Cardiovascular Health

Despite decades of research into the factors contributing to cardiovascular disease, it is still the leading cause of premature death in North America with nearly a million deaths a year in the United States alone. It is estimated that there are over 30 million Americans suffering from heart disease[16] with untold millions of Americans exhibiting high risk attributes such as obesity, high blood pressure, diabetes, smoking, and diets high in free radical content.

Heart attacks generally occur when the heart valves and arteries constrict and narrow while the blood thickens and clots. The heart organ is essentially a muscle, and when blood flow and the oxygen it carries is restricted to any muscle, even for a short time, tissue destruction and damage is often the result. To greatly reduce the risk of a heart attack, or developing arrhythmia and heart disease, free radicals must be limited by natural antioxidants, and the blood should be enriched with oxygen molecules. Studies have documented that humic/fulvic acid combined with specific minerals such as

potassium and calcium may scavenge free radicals, thereby decreasing blood-clotting activity and significantly lowering the risk of heart attack or stroke.[17] [18] Therefore, daily supplementation of I.M. Water with high nutrition products such as the Barley Gold/Nature's Gold is the smartest choice for keeping the all-important heart muscle healthy and vibrant.

In one specific experiment, rats who were subjected to chemically-induced heart attacks (ischaemic insult), the administration of standardized humic and fulvic acids manifested beneficial results. The coronary blood flow, aortic blood flow and left ventricular and diastolic pressure were significantly improved in the hearts of the affected rats.[19] Further studies concluded that humic acid has proven value as a cardio protective agent because of the marked anti-coagulant effect it exhibits.[20]

It is theorized that these favorable biological actions of humic/fulvic acid occur because of its complex chemical structure, consisting of numerous structured phenol and quinine rings which are held together by means of something called epsilon donor acceptor complexes (EDACs).[21] Simply stated, EDACs contain specialized molecules that have excessive electrons to donate, as well as molecular oxygen to donate to the blood and tissue cells when they are found to be deficient. Oxygen and hydrogen free radicals are formed in the blood and tissue when electrons and nutrients are transferred and exchanged through cellular respiration. EDACs exhibit a specific chemical structure that produces "free" electrons that in turn provide covalent hydrogen and oxygen bonds that have been shown to stabilize and then neutralize the free radical molecule[22] as well as inorganic heavy metals, compounds, viruses and mutagens as stated earlier in this paper. It can therefore be concluded that humic/fulvic acids in fact interact synergistically with a wide variety of substances in the human environmental terrain; substances such as carbohydrates, proteins, amino acids, phenols, enzymes, and minerals, while helping to neutralize and eliminate the harmful effects of toxins such as free radicals, viruses, and cancer-causing mutagens. Clearly, the role that humic/fulvic acids play in the stimulation and modulation of the human biochemical functions can not be overstated.

Further Observations

The current scientific observations can explain part of the results of the amazing combinations that have occurred with the I.M. Water. Other observations and changes that occur within the product itself cannot be explained through conventional science. The only remaining explanation is through the understanding of the creation of the universe and the multidimensionality that exists around us. Einstein showed the first clues to the future and true reality of how the universe functions. His linkage between energy/matter and space/time are not for the weak of heart but it does lay the creative foundation that has provided further explanation and insight into the mysteries of life and the exchanges of the life giving forces that intertwine with the fabric of mineral and organics [23]. We have shown that a "Balance Sheet" chemical analysis or a "Balanced Cycle" approach explanation does not complete the true picture of reality that a "Balanced System" approach does and are therefore left to wonder what energy transfer

reality is truly occurring. The regeneration and life force the I.M. Water is proportionate to the will to survive within an organism. The flood of I.M. Water into the system acts like a gas rather than the liquid when it is ingested. Consequently, healing is started immediately. With this new source of nutrient energy the body is able to get its defenses built as well as change the body's bio chemistry.

Servings:

The initial serving on day one should only be 1-2 drops of the I.M. Water. This will initiate the body to the I.M. Water and start the biochemical changes. The second day the serving should be 3-4 drops. The third day 4-5 drops and by the seventh day 8-10 drops should be consumed. This appears to be the maximum necessary and will get a person the best value for dollars spent. These final servings can be done at one time or throughout the day. The responses should be that the material should have a zero or minimal taste. This maximum should be maintained for between 120 -180 days with a subsequent reduction down to 3-4 drops per days. If there is a constipation response the liver is being overloaded and a reduction of drops should occur. **Also, during the first 10 days of taking the drops there should be a larger than normal elimination of poisons from the body and one should be mindful of where washroom facilities are located.**

Please note the complete household should initiate the I.M. Water program as parasites are easily transferred from one to another. Usually there is a weak link in the family unit, this is the one that is or becomes seriously ill and the others will be carriers of the disease therefore this link needs to be broken. Please contact me as to the size of and type of animal that would be in the household that would be requiring the I.M. Water.

References

-
- [1] Frimmel, F.H. and R.F. Christman, eds. Humin Substances and Their Role in the Environment. 1st ed. Vol. 1. 1988. Wiley-Interscience Publication: New York
 - [2] Lind, Y. and A.W. Glynn, The Influence of Humic Substances on the Absorption and Distribution of Cadmium on Mice. Pharmacology and Toxicology, 1999. 84: p. 267-273
 - [3] Visser, S.A. some Biological Effects of Humic Acids in the Rat. Acta Biologica Et Medica Germanica, 1973. 31: p. 569-581
 - [4] Ibid: p 583
 - [5] Visser, S.A. Effect of Humic Substances on Mitochondrial Respiration and Oxidative Phosphorylation. The Science of the Total Environment. 1987, 62: p. 347-354.
 - [6] Principles of BioChemistry. 2nd edition., A. Lehninger, D. Nelson, and M. Cox. 1993, New York, Worth Publishers.
 - [7] Shils, O., and Shike, ed. Modern Nutrition in Health and Disease, 8th Ed., Vol. 2. 1994, Williams and Wilkin: Baltimore.
 - [8] Ibid
 - [9] Hudak, A., et al., Effect of the consumption of humic acid with bound complex micro elements in cases of occupational cadmium exposure. Central European Journal of Occupational and Environmental Medicine, 1997. 3(3): p. 175-186.
 - [10] Shauss, A., Minerals, Trace Elements, and Human Health. 3rd Ed. 1998, Tacoma : AIBR Press

- [11] Szekely, I., Lead Poisoning Caused by Adulterated Paprika. 1994, Szt. Gyorgy Hospital : Szekesfehervar (unpublished clinical)
- [12] Shankel, D.M., et al., Extracellular Interception of Mutagens. *Basic Life Science*, 1993. 61: p. 65-74.
- [13] Sato, Tl, et al., Adsorption of mutagens by humic acid. *The Science of the Total Environment*, 1987, 62: p. 305-310.
- [14] Mineralab, Il, A Clinician's Guide to Toxic Metals, 1979: Hayward.
- [15] Sato, Tl, et al., Adsorption of mutagens by humic acid. *The Science of the Total Environment*, 1987, 62: p. 305-310
- [16] Report, Centers for Disease Control, 2005
- [17] Ferdinandy, P. Cardioprotective effects of Humic and Fulvic acid preparations in the isolated working rat heart subjected to eischemia/reperfusion, 1997 (unpublished).
- [18] Klocking, H. P., Influence of natural humic acids and synthetic phenolic polymers on haemostasis. *Archives of Toxicology*, 1991, suppl 14:p 166-169
- [19] Ferdinandy, P. Cardioprotective effects of Humic and Fulvic acid preparations in the isolated working rat heart subjected to eischemia/reperfusion, 1997 (unpublished).
- [20] Klocking, H. P., Influence of natural humic acids and synthetic phenolic polymers on haemostasis. *Archives of Toxicology*, 1991, suppl 14:p 166-169
- [21] Riede, U.N. et al., Humate-induced activation of human granulocytes. *Virchows Archiv B Cell Pathol*, 1991, 60: p. 27-34.
- [22] Humin Product Documentation and Technical Information. Horizon Multiplan LTD, Budapest 1999
- [23] Makela, Reijo, Unifying theory of energy exchange, *Finlandia News*, October 31, 1978.