



OceanGrown Canada Ltd.

www.oceangrowncanada.com

The History of OceanSolution™

It is well understood that there are radical health differences between plants and animals found in the sea and those on land. In the ocean, life thrives on a precisely **balanced diet of inorganic nutrients** while our landlocked environment has been increasingly unable to provide plants and animals with the full compliment of minerals necessary for health and longevity.

In *Sea Energy Agriculture*, Dr. Maynard Murray makes the following analogy:



"If a soil is like a mine with its myriad of elements, then whenever man tills it, plants crops and in other ways engages in farming, he is for all practical purposes engaged in the business of mining. Like a miner, the farmer breaks the earth with digging tools, but instead of dynamite, he plants seeds to loosen the minerals and elements from their holding matrix. And finally, he carts away his minerals in the form of food rather than ore."

Perhaps the most disturbing aspect of this mining analogy is that farmers, through conventional fertilizer strategies, often only replace three to six of the total number of elements removed from the soil. The failure to understand the importance of all elements and their role in providing complete, balanced nutrition to plants and animals has resulted in an abundance of food that is great in bulk but low in vitality.

What's the Answer?



Ocean water holds the perfect balance of nutrients essential for sustaining life. Quantitative analysis of the elements in our blood and those in unadulterated seawater has revealed a strikingly similar profile, including a substantial presence of sodium chloride. **It is interesting to note that salt, when in proper balance with other nutrients, is actually beneficial to plant growth.**

Enter the Doctor

Beginning in 1936, Dr. Murray began his life long research in sea energy agriculture — how to get the perfect chemistry (consistency, balance and proportion) of the ocean back into the depleted soils. He felt this was the key to proper nutrition, a stronger immune system and a longer, healthier life. Dr. Murray undertook a variety of experiments to determine the secrets of the sea, often wondering why land-based animals suffered from so many forms of chronic disease while sea animals generally enjoy vigorous health.

The difference can be attributed to the superior nutritional qualities at each stage in the oceanic food chain: "a cubic foot of seawater sustains many times more living organisms than its equivalent of

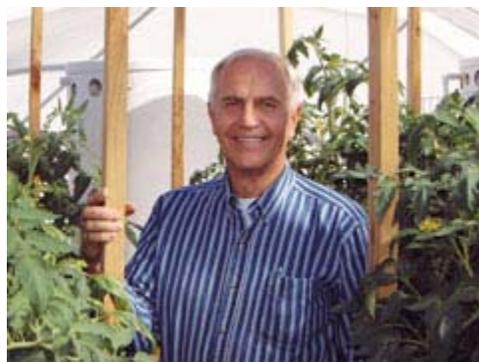
soil. Seawater is Earth's most ancient natural solution...as liquid crystalloid, all Atomic Table elements are in a solution of consistent balance and proportion."

Dr. Murray began experimenting with seawater as a plant fertilizer, using sea solids (after evaporation) because he was unable to obtain non-toxic coastal ocean water. After a number of control trials and experiments with sea solids, he found that plants and trees flourished without the need for fertilizers and pesticides. Beginning in the 1950s, for more than 30 years, the doctor became intimately involved in hydroponics farming in southwest Florida – built a small farm and experimented further with various plants growing in a solution of sea solids.

Enter Donald Jansen, Founder of OceanGrown, LLC

Don has a diverse background that includes being a tenured professor at Ohio University and manager of the 15,000-acre family farm in Nebraska. By chance, he was introduced to Dr. Murray's book *Sea Energy Agriculture*, prompting him to apply the OceanSolution™ on winter wheat and pastures. The results were extremely beneficial going beyond anything he had previously used as fertilizer.

In 1981, Dr. Murray asked Don if he would like to buy his farm in SW Florida as well as the intellectual property and patent rights on the OceanSolution™. So in 1982, Don divested himself of the Nebraska farm, moved to Florida and purchased the doctor's small hydroponics farm. Dr. Murray stayed on as Don's mentor until his death in 1983.



Our Founder, Don Jansen

Dr. Murray began his trials with sea solids after he started with coastal water that became increasingly toxic and unusable. After some time, Don shifted from using sea solids (in crystallized form) back to an improved, non-toxic OceanSolution™ suitable for all plants. Other benefits of this improved solution include all 90+ mineral elements in their natural balance with a higher concentration of necessary aerobic bacteria.

During the next 20 years, Don continued to add to the body of research that is now the basis of the intellectual property of OceanGrown, LLC.

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