



Alegria Farmacy

REGENERATIVE FOOD ENERGY SOLUTIONS

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Alegria's modular regenerative organic food production solutions are a perfect fit with Impact Bioenergy's modular bioenergy and plant food solutions. Together we form a game-changing distributed community-scale system called the **Alegria Farmacy**.

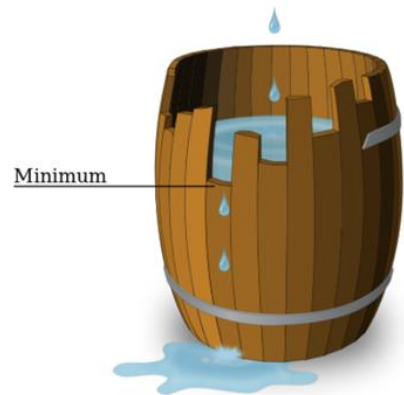
We have designed an integrated system that merges high-performance cultivation (regenerative food / energy) with zerowaste onsite food waste conversion into renewable energy and regenerative organic soil amendments. By working together, the two companies deliver a leading-edge solution that inspires and enables people to find a better way to utilize water, manage carbon, and reverse climate change. Our design creates a circular economy whereby waste and other resources like fuel, fertilizer, and food don't have to be trucked from one community to another. We are inspiring and enabling people to use proven technologies to move water, carbon, microbes, and organic matter back to the soil. Rarely does an opportunity come along that can positively touch on energy, water, air, soil, food, jobs, and education simultaneously. This one does!

The **Alegria Farmacy** is a model that delivers on five promises:

1. Zero Waste Regenerative Organic Food Production Performed Locally;
2. Regenerative Organics that Properly Cycle C, CO₂, H₂O, O₂ and all nutrients to grow Superior, Nutrient-dense Food;
3. Carbon Neutral with Respect to Environmental Performance;
4. Modular, Scalable, Locally Grown Food Anytime, Anywhere;
5. Strengthens Community Resilience, Food Security and Creates Green Jobs.

The food produced in the Farmacy "SoxxBoxx" Gro System contains 30% more nutrient density than premium organically grown retail produce AND 125% greater phytoactivity containing far more antioxidants than the same retail produce.

How does it work? Plant growth and health is not controlled by the total amount of nutrients available in the soil... but instead by the scarcest of the nutrients available in the soil. The icon for this is Liebig's Law and the leaking bucket. The factor of which is the weakest or lowest on the bucket is where the bucket leaks. This means that if one of the essential nutrients required for plant growth is deficient, plant growth will suffer even if all other essential nutrients are widely available.



Impact's **Biofuel for Plants** is exceptional with respect to having a wide spectrum of essential nutrients, micronutrients, carbon, and probiotics.

The **Alegria SoxxBoxx Gro System** is superior to other growing systems.

Alegria's Living Soil provides up to 10 times more biologically rich humic material than typical farm soils and is loaded with all macro and micronutrients to support spectacular plant growth. Our balanced soil effectively mitigates any limiting factors that may negatively affect plant growth and nutrition density. Our results prove the genetic potential of each plant is optimized, providing the superfoods that we need to promote strong immune systems.

Our Precept is: Soil Health = Human Health = Environmental Health

Erik Cutter, [Alegria Fresh](#) CEO

Jan Allen, [Impact Bioenergy](#) CEO