

## **ROBERT H. LUSTIG** RESEARCH FOUNDATION

## **METABOLICALLY SUPPORTIVE BEVERAGE CONCEPT** PROVIDING SIGNIFICANT METABOLIC BENEFITS

All of the ingredients are low demand in terms of soil, water, fertilizer, and other external inputs.

Plant species used are easily propagated, don't require patented or GMO crops, and can be easily grown organically.

Plants used are no calorie, high micronutrient value crops containing hundreds of beneficial phytochemicals and multi- target functional / medical properties supported by extensive research.

Beverage has potential to a champion for food security, famine response, and fortification strategies in countries where nutrient deficiencies exist.

Beverage provides an alternative to high sugar beverages such as juice, with similar taste, mouthfeel, PH, sweetness, and satiety effect. Mhat are the criteria? Plant species are friendly to bees and other pollinators, and provide excellent choices for windrows, pollinator rows, etc.

Plants used have been adapted and used globally and popular in many countries, culture and regions.

Contains high amounts of antioxidants and has a naturally long shelf life. Safe to store at room temperatures when pasteurized and sealed in sterile containers.

Beverage can be produced at any scale – consumer, mass market, etc., with appropriate technologies and equipment.

Beverage provides superb hydration, nutrition, energy, positive metabolic benefits (with negligible calories), sugar, or stimulants.

Recipe can be easily adapted to local preferences in terms of flavors, sweetness, etc.

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Ingredients are easily grown
together in simple cropping systems with perennial and annual species.



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