

25 August 2021

Session n°2: Promoting Bioeconomy and Green Businesses in the Caribbean: opportunities for SMEs



Caribbean Agrifood Business Series ...





About Us

Algas Organics, is a family-owned company, founded in 2014 to sustainably solve the Caribbean's Sargassum problem.





Our Vision

10+ billion pounds of
Sargassum processed per
annum, by 2030

5,000 jobs created

Product applied over 60M
Acres





Our Solution

Landfill diversion.

We keep coastal areas clean, by sustainably harvesting millions of pounds of Sargassum seaweed for processing, rather than disposal.





Our Solution

Industry Development.

We convert Sargassum seaweed into world class, organic, crop nutrition and crop protection products for export to Europe, North America, Latin America and the Caribbean.



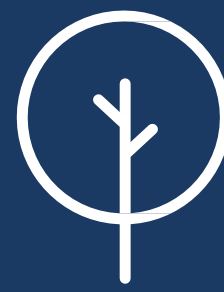


Our Solution

Community Development.

We employ marginalized
women & youth and
provide alternative
livelihood opportunities for
fishermen affected by
Sargassum.





Our Success

Patented solution to "arsenic"
problem & of heavy metal
contamination.

Our patented process, has been
certified by independent 3rd party
ISO9000 certified laboratories, to
produce bio-stimulants well within
the acceptable limits of the EU and
USA

Certificate of Analysis

Johanan Dujon
Algas Organics
La Caye
Dennery
Saint Lucia

Report #: 20200155
Date Reported: 09/01/2020
Date Sampled: 08/18/2020
Date Received: 08/18/2020
Date Completed: 08/31/2020

Test	Method	Result	Units	Analyst	Date Analysed
20180155-01	Biofertilizer Liquid				
Copper	EPA 3050/EPA 200.7	<0.1	mg/L	*	08/28/2020
Zinc	EPA 3050/EPA 200.7	<1	mg/L	*	08/28/2020
Arsenic	EPA 3050/EPA 200.7	6.3	mg/L	*	08/28/2020
Cadmium	EPA 3050/EPA 200.7	0.007	mg/L	*	08/28/2020
Lead	EPA 3050/EPA 200.7	<0.1	mg/L	*	08/28/2020
Cobalt	EPA 3050/EPA 200.7	0.2	mg/L	*	08/28/2020
Mercury	EPA 7471A/EPA245	<0.001	mg/L	*	08/28/2020
Molybdenum	EPA 3050/EPA 200.7	<0.05	mg/L	*	08/28/2020
Nickel	EPA 3050/EPA 200.7	0.12	mg/L	*	08/28/2020
Selenium	EPA 3050/EPA 200.7	<0.1	mg/L	*	08/28/2020

*The reported results pertain only to the specified sample tested.
Sample collected by Client.*

Approved By:


Karlem Charlemagne

Laboratory Manager
Environmental Health and Sustainable Development Department

The acceptable limit for Arsenic in fertilizers by the American Plant Food Control Office, is 112 mg/L.

The Arsenic content of our product is 6mg/L. in concentrate form. However, our products are not applied in concentrate, but rather diluted for application. When mixed for application, the actual Arsenic is 0.06mg/L.

The average synthetic fertilizer which is used to grow your food, is close to 112 mg/L and is not diluted. Meaning our products are 1,867 times less arsenic than existing fertilizers presently used to grow food.



Our Success

Proven Performance

Over 1+ Million pounds
processed into fertilizer for
export to North America,
Centra America and the
Caribbean.








Our Success

Unbeaten Value.

Our products are cost competitive and offer unparalleled value to growers globally:

- Increased flower set and fruit retention
- Increased crop uptake of micro and macro nutrients by 20%
- (Reduction in fertilizer by 20%)

	INGREDIENT	EXTRACTION PROCESS	PRICE	QUALITY
	<u>Sargassum</u> Seaweed	Proprietary, high yield low cost	Low-Mid (30% cheaper)	High
	<u>Ascophyllum</u> <u>Nodosom</u> Seaweed	Chemical extraction (Potassium Hydroxide)	High	High
	<u>Ascophyllum</u> <u>Nodosom</u> Seaweed	Chemical extraction (Potassium Hydroxide)	Mid-High	Mid



Our Success

Unbeaten Value.

Our products are cost competitive and offer unparalleled value to growers globally:

- Vigorous, tertiary root development

World Class Bio-stimulant: Scientifically Proven



Root Development on
tomato plant treated with

20-20-20 Fertilizer



Root Development on
tomato plant treated with

algaGas
alginate



Our Success

Global recognition of innovation.

Featured by



HUFFPOST



Forbes

THE 2020



MANUFACTURING & INDUSTRY ▾

Creating the products, methods and materials of tomorrow



Open to Partnership

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Thank you

