



A Revolutionary Organic Vegetation Amendment — GEO™



PRESENTATION OUTLINE

- 01** THE HISTORY BEHIND GEO™
- 02** THE NOVEL ACTION OF GEO™/ HOW ITWORKS
- 03** COMPARABLE ANALYSIS/ RELATED PRODUCTS
- 04** AG TECH ECONOMICS/ RETURN ON INVESTMENT
- 05** HOW WE WORK FOR YOU :
CONSULTATIVE QUALIFIED FEEDING PLANS/ TRAINING
- 06** HOW TO CONTACT US

The History Behind GEO™

- GEO™ Veg is the result of almost 30 years of research and field work by GGTA's Founder and Head Scientist Mr. David Abecassis.
- David holds an undergraduate degree in chemistry from the University of Toulouse in France. He then went on to earn a joint Master's degree from Rutgers in microbiology and environmental science, with a focus in pollution microbiology.
- David is also a Texaco Foundation Research Fellow.
- With 27 years of soil microbiology experience, David has conducted extensive research and experimentation in the study of organic microbial amendments and pollution reduction technology.
- David has studied and published research on the biodegradation of hydrocarbons in soil, and continues to oversee commercial experiments using organic microbial amendments and organic technology to reduce pollution from chemicals.
- David's research eventually lead to the creation of the GEO™ Vegetation product in 2015, David acknowledges that he has benefitted from a consortium of fellow scientists that worked with him to create this breakthrough self feeding bacterial colony.
- GGTA's product development has benefitted from two hundred years of collective team experience in chemistry alone. GEO™ is now being marketed directly by the Company and through a network of qualified, trained & authorized agents on a global scale.



GEO's™ Novel Action

- GEO™-VEG is a vegetative amendment boosting product that is used in conjunction with your nutrient line's, to maximize nutrient uptake and efficiency. GEO™ is targeted toward your plant's growth, as it creates a bigger, hardier, more lush plant with greater vegetative growth potential. All products are made from natural resources which makes this technology sustainable.
- Using GEO™ on your plants leads to a material needle moving boost in your overall plant production, including an approximate 25-30%% increase in overall plant mass.

GEO™ is USDA® Certified Organic and is a food grade bacterial additive with a self feeding catalyst that protects growing environments from contamination. GEO™ also helps you have to use less of other root or vegetation nutrients due to it's natural auxin developing bacteria.

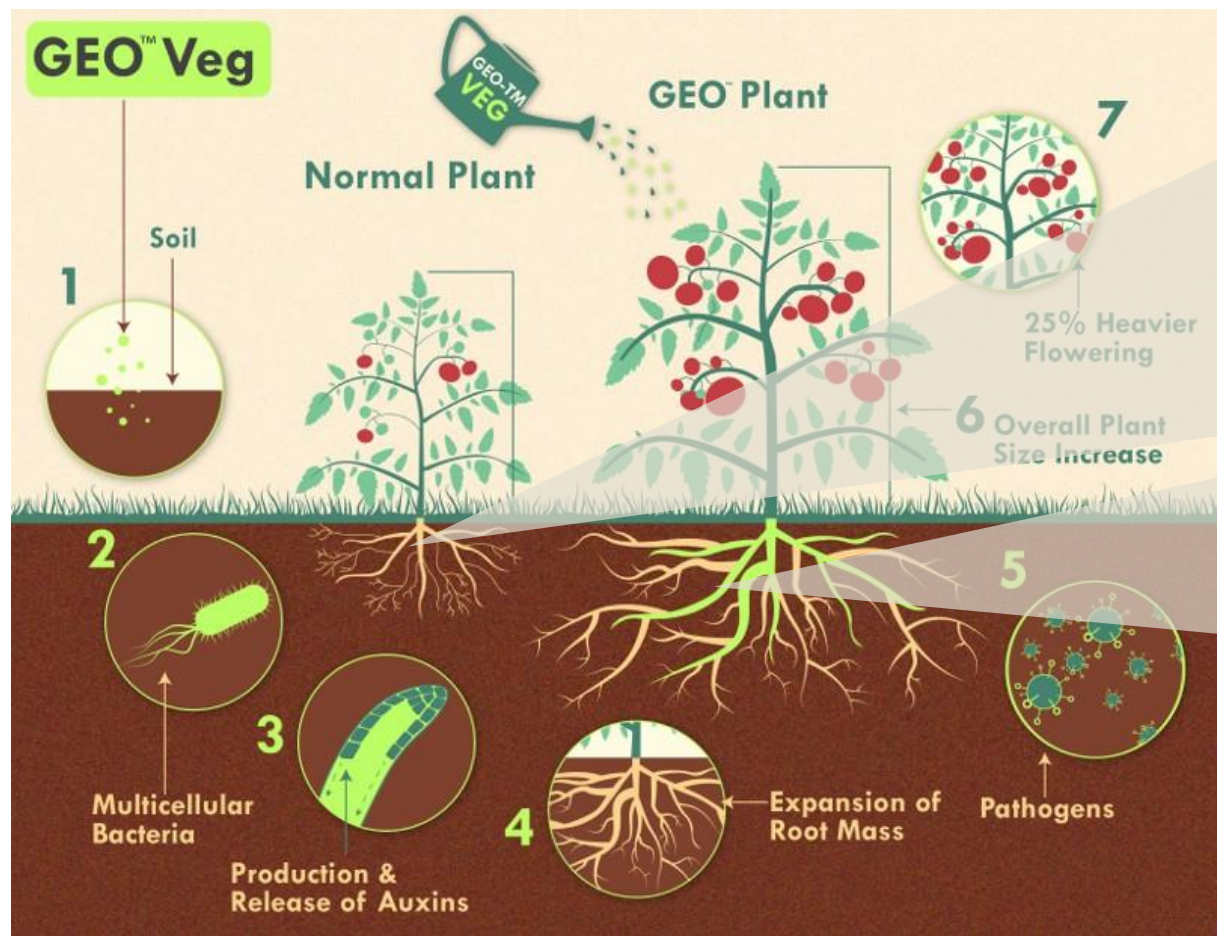
- This patent-pending is currently available in a solid powder format, but a liquified form of GEO™, is forthcoming by mid to late 2019. GEO™ can be used in potted soil or medium, with in ground plants, or aggregate media like peat, coconut, as well as in hydroponics substrate medium like Rockwool, and Perlite.
- GEO™-Veg. is a high-carbon food-grade biopolymer, that already contains the bacteria within itself. This distinction is critical as it means the product is self feeding or media-driven. The bacteria will grow only on the biopolymer it resides on, and will only eat the attached nitrogen to feed the plant, rather than spreading into the growing medium looking for food.
- The bacteria establishes a pre-emptive colonization, where it keeps other things from growing in its place.

It then begins to exude natural hormones called auxins & cytokines, which signal to the plant to grow and help it take full advantage of its environment.

- The plant becomes like an elite athlete by efficiently and evenly burning fuel while simultaneously building mass and maintaining their overall health.
- GEO™ is a versatile & nimble product that can fit into any growing configuration or process, via a custom developed feeding program and expert training by our team.



GEO™ materially boosts a plant's growth, and provides stronger cuttings for future plants



GEO™ Veg's Primary Outcomes

- GEO™ stimulates the plant's metabolism via the microbe's digestive auxin/cytokine by-product.
- 20-30% improvement in early branching and base development and 25-40% increase in gross plant weight.
- Plants grow faster, an additional plant/harvest per year for indoor or outdoor grow is attainable. Extended outdoor plants that have longer feeding cycles and grow beyond these claims in terms of plant mass.
- Root mass increases 300-500% more than non GEO™ fed control plants. There is also a 200% increase in node count with inter-nodal spacing becoming shorter.
- GEO™ is not a pesticide, however it does repel bugs, microbes & molds and boosts root health. As a result user's can experience a 40% decrease in gross plant costs by eliminating the need for redundant products.
- The under canopy of the plant is stimulated to grow like the top of the plant, including flowering.
- Cannabinoid flower or oil yields increase. Terpene & cannabinoid content have been known to increase slightly. GEO™ fed plants also just look healthier and are more aromatic



3 WEEK OLD ROOT MASS



Comparable Product Analysis

- There is considerable noise and competition from competing product manufacturer's that really do not function as claimed. The cannabis industry like any other is filled with competition for every cultivators time and energy.
- GEO™ has separated itself from the crowd, based on it's unique organic novel action, it's pedigreed scientific foundation and a growing list of commercial growers that are very pleased customers.
- Other beneficial microbes in the market place, all breakdown the soil's organic matter to create nutrients for the plant, whereas GEO™ lives on the specific food created for it, which allows it to produce it's own proprietary auxin/cytokine by product.
- Similar nutrient claim product's and other root enhancers claim to have similar characteristics, but we are not aware of any true competition for GEO™.
- GEO™ maintains a differentiation, better claims and outcomes based on its powerful self contained and self feeding structure. GEO™ simply is more powerful and creates larger healthier plants, cuttings.



Actual Test of GEO™ vs Control Plant

The investment in GEO™ more than pays for the cost per plant, per grow cycle, GEO™ also eliminates the need other nutrients and antimicrobial additives so the net cost of the investment is even more reasonable



Value Proposition of GEO™ (Details)

Value Per Ounce	Ounces Per Plant (Control)	% Increase with GEO	% Increase Quality	% Decrease in Nutrient	Total Value	Total Value - Control	Total Value - GEO	Increase in Value Per plant	Cost Per Plant	Return on Investment
50	2	33%	5%	1%	39%	100	139	39	20	2.0x
100	2	33%	5%	1%	39%	200	278	78	20	3.9x
200	2	33%	5%	1%	39%	400	556	156	20	7.8x
300	2	33%	5%	1%	39%	600	834	234	20	11.7x
400	2	33%	5%	1%	39%	800	1,112	312	20	15.6x
50	3	33%	5%	1%	39%	150	209	59	20	2.9x
100	3	33%	5%	1%	39%	300	417	117	20	5.9x
200	3	33%	5%	1%	39%	600	834	234	20	11.7x
300	3	33%	5%	1%	39%	900	1,251	351	20	17.6x
400	3	33%	5%	1%	39%	1200	1,668	468	20	23.4x



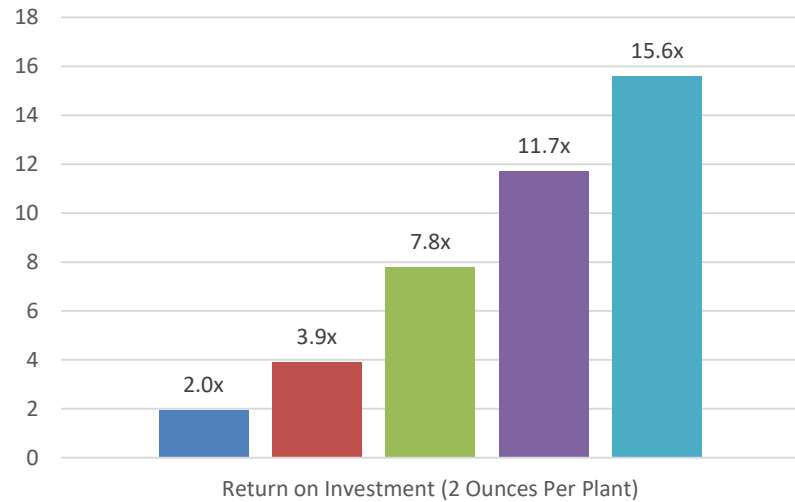
Value Proposition of GEO™ (Summary)

Value Per Ounce	Return on Investment (2 Ounces Per Plant)	Return on Investment (3 Ounces Per Plant)
50	2.0x	2.9x
100	3.9x	5.9x
200	7.8x	11.7x
300	11.7x	17.6x
400	15.6x	23.4x



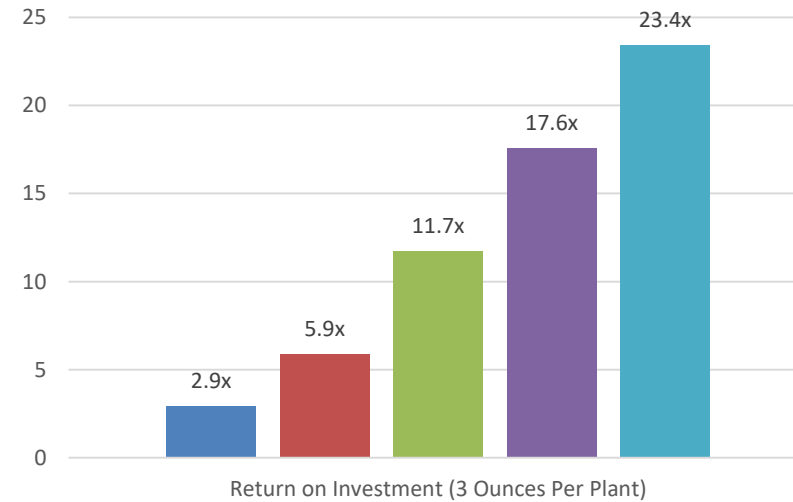
Value Proposition of GEO™

Return on Investment
2 Ounces Per Plant



■ Value Per Ounce = \$50 ■ Value Per Ounce = \$100 ■ Value Per Ounce = \$200
■ Value Per Ounce = \$300 ■ Value Per Ounce = \$400

Return on Investment
3 Ounces Per Plant



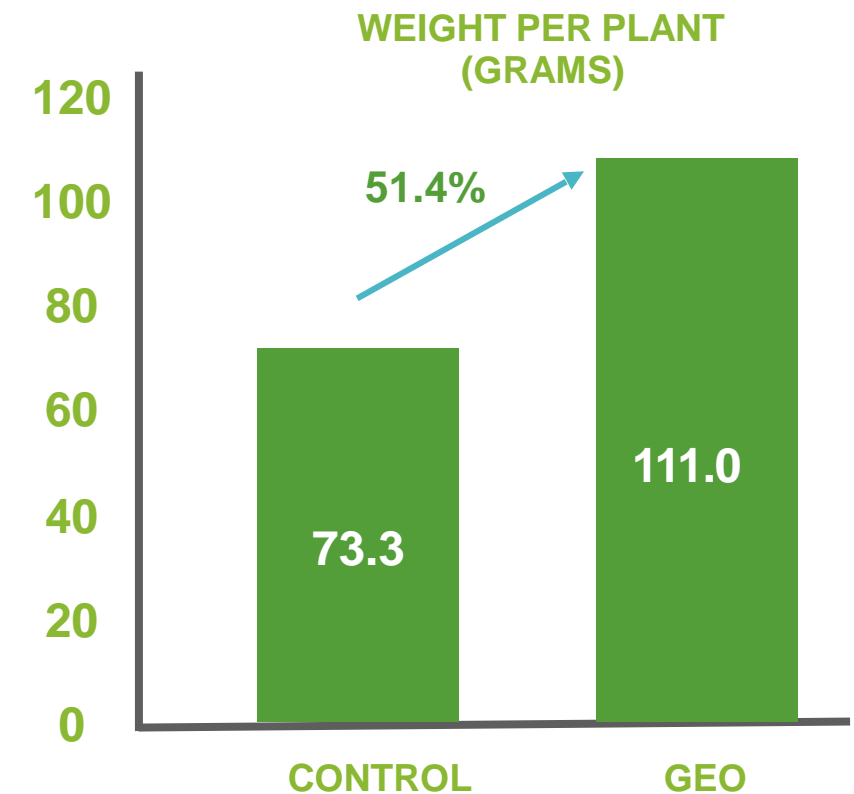
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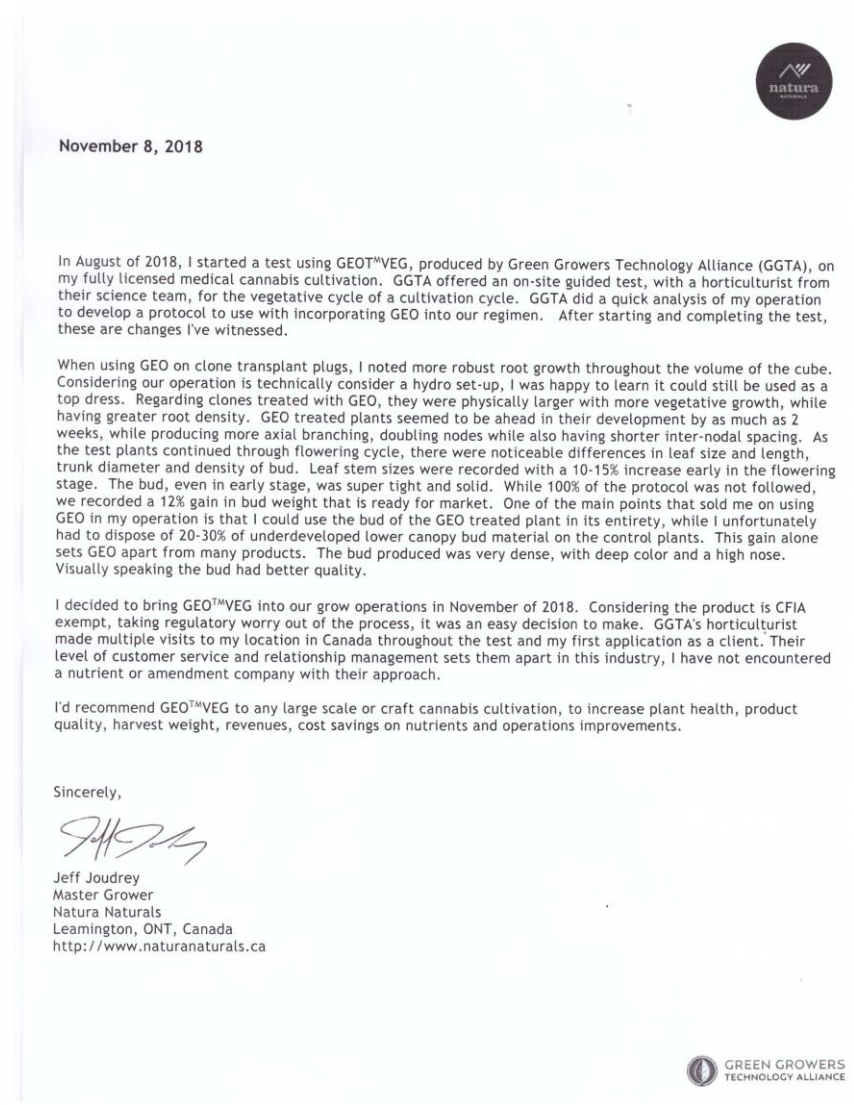
GEO™ Ag Tech Economics and ROI Opportunities

These are actual results from the garden of an early adopter of GEO™.
The veg cycle was conducted in their indoor farming facility under their team's direct supervision.

	Control	GEO
Total Weight (Grams)	16,425	22,200
Total Plants	224	200
Weight Per Plant (Grams)	73.3	111.0
% Difference		51.4%



Nutura Naturals Testimonial



“On January 22, 2019 Nutura Naturals announced they are being acquired by Tilray Corporation (NASDAQ: TLRY)”

<https://www.businesswire.com/news/home/20190122005432/en/Tilray%C2%AE-Acquire-Nutura-Naturals-Holdings-C70-Million>



GEO is Approved By CFIA for Legal Import into Canada



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Plant Health and Biosecurity Directorate
Fertilizer Safety Section
59 Camelot Dr.
Ottawa, Ontario
K1A 0Y9

Telephone: (613) 773-7374
Email: derek.curley@inspection.gc.ca

June 7, 2016

David Abecassis
Green Growers Technology Alliance, LLC
64 Folsom Avenue
Huntington Station NY 11746 USA
david@ggtaorganics.com

Re:	Product name	File Number*
	"Geo"™ Growth Enhanced Organics	46440NR

*Please refer to this file number in all future correspondence.

Mr. Abecassis,

After reviewing the submitted information, this product currently meets the specialty fertilizer exemption set out in Section 3.1 (3)(g) of the *Fertilizers Regulations*. A specialty fertilizer is defined as (a) recommended for use only on household plants, urban gardens, lawns or golf courses or in nurseries or greenhouses.

These products are exempt from registration, but are still regulated and must meet all of the standards and requirements set forth in the *Fertilizers Act* and *Regulations* in order to be sold in or imported into Canada.

Therefore, the new registration submission has been closed.

Labelling requirements can be found in section 16 of the *Fertilizers Regulations*.

These products do not require a pre-market assessment prior to legally being imported and/or sold in Canada.





How We Work For You

- GGTA realizes there are many different processes used in modern commercial gardening. GEO™ is versatile but must be utilized with the proper process.
- The result of this fact has driven GGTA to assemble a team of experts who have previously worked in the cannabis industry at the garden operating level to provide in depth training and understanding of how GEO™ works for each client's environment.
- GGTA will provide free GEO™ and free onsite training for qualified legally permitted cultivators.
- We will travel to you and even follow up in a few weeks to come back and check on the pilot to ensure the feeding is working and being deployed right to maximize the return to you.
- Our corporate team and agents are working daily with experts in all areas of operations, as a result they can assist your team in looking at way's to improve your operating metrics and processes to provide better ag-tech outcomes for each customer.

