

PURUS SOIL PRODUCT OVERVIEW

Revitalize soil in days naturally.

Innovation-T in partnership with our environmental solutions provider **CleanStrike LLC**, we are excited to present **Purus Soil's** natural soil additives which enrich your soil naturally to increase crop yield, enhance our food supply with more nutritious crops with a longer shelf life and provide an all-natural alternative to chemical fertilizers.

Purus CV-50 Microalgae:

Developed in partnership with the Arizona State University, Purus Soil's all-natural proprietary blend of microalgae enriches the soil to increase crop yield, enhance our food supply with heartier, more nutritious crops with a longer shelf life and provide an alternative to chemical fertilizers, substantially reducing the environmental impact on our communities.

Farmers are seeing visible results with our nutrient-rich proprietary blend of micro algae. Our proprietary blends are safe to handle and use. The algae in our blends are also used in nutraceutical and pharmaceutical blends and are available today in commercial quantities.



Benefits:

Microalgae contain high levels of macronutrients and micronutrients essential for an optimal crop growth and development. Moreover, microalgae have been shown to have potential application as bio stimulants and biofertilizers. The use of microalgae in agriculture production, especially as micro-bio stimulants and/or micro-bio fertilizers, is becoming more accepted as the data shows significant benefits in crop quality and crop yields, reduced exposure to predators/pests, reduced costs and all natural/organic sourcing.

Research has demonstrated that living cells of microalgae as a soil additive, return nutrients to the soil, improve soil fertility and boost plant growth. Purus, along with its strategic partner, has identified the positive effect algae has on terrestrial crops and developed a proprietary blend of freshwater microalgae, macroalgae and cyanobacteria that can be used as a micro bio-stimulant soil amendment.

Algae are good for the environment consuming nitrogen, phosphorous and potassium, CO₂ and releasing clean water and oxygen as waste products. Algae are sustainable, organic and all natural and have a positive effect on permanent and row crops.

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Benefits Continued:

Microalgae contain high levels of macronutrients and micronutrients essential for an optimal crop growth and development. Moreover, microalgae showed to have potential application as bio stimulants and biofertilizers. The use of microalgae in agriculture productions, especially as micro bio stimulants and/or micro bio fertilizers, is becoming more accepted as the data shows significant benefits in crop quality and crop yields, reduced exposure to predators/pests, reduced costs and all natural/organic sourcing.

Agricultural Intrinsic Benefits

- Improved plant absorption of nutrients
- Health soil acidity and PH levels
- Great water retention
- Ween & pest resistance
- Healthier plants & soil

Agricultural Economic Benefits

- Enhanced market advantages (first to market)
- Better crop yields (30%)
- Reduction in watering costs
- Lower cost than traditional soil treatments
- Longer shelf life reduces waste

PURE CV-10 ALGAE
An EARTH-FRIENDLY SOLUTION

YOU CAN ADD DIRECTLY TO THE SOIL FOR:

- ✓ Improved plant absorption of nutrients
- ✓ Healthy soil acidity & PH levels
- ✓ More water retention, less water needed
- ✓ Better crop yields (30%+)
- ✓ Weed and pest resistance
- ✓ Typically less cost than traditional soil and plant treatments
- ✓ Longer shelf life
- ✓ Enhanced market advantages
- ✓ Greater profit potential
- ✓ Healthier plants and soil






Growing Microalgae:

Purus Soil has developed a system to grow a proprietary blend of naturally grown, high-protein (45%) single-celled freshwater micro-algae species.

We grow our microalgae, in partnership with Arizona State University, in controlled systems called photo-bioreactors. That process ensures that the microalgae receive the precise amount of light, Filtered air and water, nutrients and carbon dioxide which are optimal for promoting photosynthesis that boosts crop proliferation and yield.

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Case Study:

The purpose of the field trial was to compare CV-50 as a soil amendment in a test garden of collard greens and Blue Lake bush beans in coastal SC. The primary outcome measures were plant growth and yield.

Overview of Results: The use of Purus Soil CV-50 microalgae as a soil conditioner resulted in a 50% increased yield of collard greens biomass. Blue Lake bush bean plants and soil conditioned with CV-50 yielded 168% more beans by weight and a 66% increased yield in total number of beans harvested.

A recent study concluded that “These results could contribute to the replacement of usual synthetic fertilizers in future farming.” Another study concluded that microalgae “ provides an economical and environmentally friendly method of enhancing crop production.



An upstate New York CBD hemp grower reported a 100% germination rate, with plants “growing to the second phase, and repotting, in two thirds the time as our time-tested SOPs”. Additionally, “plants responded with considerably more, and heartier, vegetation, and ultimately higher yields”. Treated plants “had ZERO aphids, ZERO powdery mildew and ZERO fungus growth. Our growers do not wish to ever grow without this algae.”

Product Pricing

PRODUCT	BOTTLE SIZE	COVERAGE AREA	UNIT PRICING
Purus Pure CV-50-32	32 oz. Bottle (1 Quart)	(5) Five Acre Application	\$ 79.77
Purus Pure CV-50-128	128 oz. Bottle (1 Gallon)	(20) Twenty Acre Application	\$ 299.77
Purus Pure CV-50-320	320 oz. Bottle (2.5 Gallons)	(50) Fifty Acre Application	\$ 699.77

**All pricing excludes delivery, installation, applicable taxes, and any import & export fees. Pricing subject to change.*

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RECENT REFERENCE LETTER PROVIDED TO PURUS SOIL.



Dear John,

Thanks for working with us this winter, developing the perfect algae for our needs, working with CBD hemp plants. Throughout the months, we have used the different Purus algae mixes at every step of the way, from propagation through harvest and we are delighted with the results of the chlorella mixture in particular, and for a multitude of reasons.

First, our germination rate with the chlorella algae was 100%, which was astounding enough. But the rate at which our seedlings grew was beyond encouraging, literally growing to the second phase, and repotting in two-thirds the time as our time-tested SOPs.

Second, the stems on the plants that we used the chlorella algae were much heartier than those we grew with our standard SOPs. There was a very visible difference. The plants also responded with considerably more vegetation and ultimately higher yields, although by the end of the experiment, we were using the algae on all of our plants so the difference is difficult to say.

Third was pest, mildew and fungus control. I was skeptical of your claims. I was. But you were accurate. The plants we fed the chlorella algae to had ZERO aphids, ZERO powdery mildew and zero fungus growth. It was incredible. We did experience some algae growth in some of the pots but it may have been to over-feeding. All of these issues were held in check, with considerable effort, but still appeared on most of our plants without the chlorella algae in their diets, until we added the algae to their diets. No sulfur burning, no spraying necessary.

We found that the chlorella is a terrific supplement to our current SOPs, as opposed to a replacement. It is better to continue with a good microbes program, however, our growers DO NOT wish to ever grow without this algae



program. Our growers have, however, stated that they will not stop using the algae unless it is actually improved upon, which would be an amazing accomplishment.

Congratulations on an amazing product. We will have all of our farmers using it throughout the season.

Looking forward to a prosperous harvest.

Sincerely,



Eric Blazak
CEO Bristol Extracts

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CONTACT INFO



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