

## Why Work With Us?

You will work hand in hand with our dedicated team of agricultural professionals with years of experience working for the USDA & Private Sector Agricultural Consulting Firms; that will help you to maximize the many short & long term benefits of BioChar on your Farm or Ranch which you will enjoy for a lifetime.

We will guide you in applying for the new USDA 808/336 Carbon Soil Amendment Program which will pay all the costs for applying BioChar to your crops & forests, and will deliver to your Farm or Ranch premium certified BioChar.

Our JV Partner BioChar Now has for the last 12 years perfected a proprietary process (16 patents) for large scale manufacturing of high grade premium BioChar which is the only product to be completely certified as well as insured by one of the largest US crop insurance companies which guarantees the quality of our product and the carbon credits it creates which the farmer can also cash in on.



## Our Partner BioChar Now Wins the 2022 THRIVE Global Impact Award



*"Biochar Now LLC is honored to have won the People's Choice Award from The Global Impact Challenge! It is an honor to be recognized as a top 10 clean tech technology in the world out of over 500 other technologies. It is especially humbling to be favored by the public in what we do compared to all the other technologies. Thank you for your support!"*

**DON'T MISS OUT ON ALL THE BIOCHAR BENEFITS FOR YOUR NEXT GROWING SEASON!**

**VISIT OUR WEBSITE BELOW AND**

**APPLY NOW**



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**"BioChar, The New Black Gold"**

**USDA Now Pays Farmers to Apply BioChar to Their Crops!**

*"Customers in the agriculture industry report increase in yields of 100% or more when 2% Biochar is used in the root zone of the plant,*

*while decreasing input costs per acre for water, fertilizer, and pesticides"*

## What is BioChar, and how can it benefit your crops and bottom line profits?

*“BioChar is a highly adsorbent, specially-produced nano-carbon with unique properties originally and still used as a soil amendment.”*

Our BioChar is made from dead beetle kill trees cleared from forests which undergo a pyrolysis process in a proprietary furnace in which the biomass is heated in an oxygen-free environment in order to decompose into simpler materials.

BioChar is a lightweight material, thanks to many pores, and a large surface area, which reaches 400-500 square meters or more per gram and looks like a sponge full of holes.

Studies confirm that BioChar enriched soils grow larger and healthier plants with a larger crop, especially in inferior quality soils, due to weather damage, and floods. In fact, Biochar Now users report that their financial expenses for use of BioChar are paid during the first year due to an increase in revenue from the increase yields as well as decrease in the inputs for water, fertilizer, and pesticides per acre.

The increase in soil fertility is attributed to the unique properties of Biochar due to its adsorption and stability in comparison to other organic supplements. BioChar is much more effective at preserving nutrients, and making them available to plants when they need it most.

Biochar maintains a porous structure, which attracts beneficial bacteria, retains nutrients and moisture properties which increase fertilizer efficiency and crop yields, while reducing the need for irrigation. Biochar is much more stable in the soil environment than any other organic material.

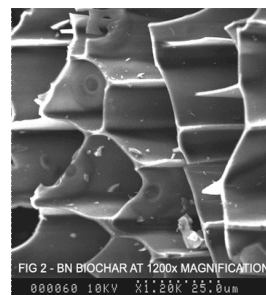
BioChar essentially becomes a capsule rich in nutrients, which raises the acidity level of the soil to an optimal level and is a major reason why our product is so efficient and significantly improves soil quality, crop growth, crop yields, and nutritional quality of produce.”

Application of BioChar to crop soil is essentially a onetime procedure with a lifetime of benefits.

## Support for Sustainable Agriculture & Food Security!

Studies show BioChar has many positive effects on the soil and plant health including:

- Increasing water penetration capacity and water grip
- Improving soil structure, tilt and stability
- Increased cation exchange capacity (CEC)
- Cation an anion exchange capabilities, which enable adsorption from the soil heavy metals, and dangerous toxins found in various pesticides and their sequestration and eventual breakdown by microorganisms.
- Increased adsorption of ammonium, nitrogen, phosphate, and calcium ions
- Increased storage of nutrients over regular organic matter
- Improved buffering of soil pH and stability
- Increased diversity of soil bio-organisms
- Improved and denser root development
- Reduction of fertilizer use, especially nitrogen and phosphorus
- Reducing overall of fertilizer requirements
- Reducing nitric oxide emissions by 50-80%



BioChar at 120x & 1,200x Magnification

CHIP



MEDIUM



SMALL



POWDER



The right BioChar size to meet your required application/s

## The USDA now pays farmers/ranchers to apply BioChar to their crops by applying to the Environmental Quality Incentives Program (EQIP)

While there are over 55 uses for BioChar, Tree of Life is laser focus on the agricultural sector which is so vital for the survival of any country. Without “food security”, there can’t be “national security”!

The problem is that many farmers can’t afford to purchase BioChar, and we see it as a moral duty and responsibility to help farmers stay in business by reducing water usage by half (a game changer in drought conditions), substantial reduction of fertilizer use, preventing soil erosion (in situations of flooding), substantial increase of yields, and many other short & long-term benefits which will lead to sustainable agriculture and food security for the nation, while positively impacting the environment and climate change.

We can now fulfill this mission by introducing farmers/ranchers to the USDA Natural Resource Conservation Service Soil Health Program which has introduced [Soil Carbon Amendment Practice ICPS 808/336](#) that will allow farmers/ranchers to receive funding for using BioChar in soil conservation and fertility applications for food crops as well as forests.

The program started in 2020 as a pilot with an allocation of \$1.8 billion USD and as a result of the great success, the program has been made permanent, with the USDA allocating another \$25 billion USD to the program.

For the EQIP program, once a contract is approved by the local county USDA service office and the practice is installed and certified, the producer/farmer can typically expect to receive the full reimbursement payment within 7 to 10 days.

Likewise, if an advanced payment of 50% is made to a limited resource farmer, beginning farmer, socially disadvantaged farmer, or veteran farmer, they can expect to see the payment within 7 to 10 days. Once the advanced payment is received, the participant has 90 days to expend the funds.

**Please note:** Most BioChar which is sold in the world is essentially ash with very low carbon content and very low surface area per gram. Most are also not certified organic and may have chemical residues as well as heavy metals. Also, because of the low carbon content, this excludes it from receiving carbon credits for being sequestered.