



## STUDY OVERVIEW

This study, in partnership with the West Virginia Food and Farm Coalition, aims to investigate the effects of 10%, 15%, and 20% fish hydrolysate charged biochar to soil ratios on:

Crop Yields: determining the impact on average per plant yield for various types of crops.

Soil Health: quantifying the impact of ratios on soil pH levels, organic matter content, cation exchange capacity, soil remediation, and nutrient availability.



## STUDY SEEKING PARTICIPATING FARMS

Your Commitment :

- Dedicating four 50 foot plots on your farm to conduct this research, each containing 25 plants, with the same type of crop on all four plots.
- Setting up a control plot, and plots to test 10%, 15%, and 20% charged biochar to soil ratios.
- Ensuring uniform soil conditions and proper plant care throughout the research period.
- Sending soil samples for analysis twice including prior to biochar/hydrolysate application and in Spring 2025.
- Attending training webinar or watching recording
- Collecting and recording average yield weight data per plant with each harvest throughout the research project for each plot.

Benefits include:

- \$375 dollar participation stipend
- Training on study implementation
- Fish Hydrolysate, Biochar, and buckets for charging
- Free soil analysis
- Contributing to cutting edge research study on sustainable soil enhancements



## BIOCHAR AND FISH HYDROLYSATE RESEARCH STUDY



**For More Information**

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