

BOKASHI AG

Problem: The U.S produces 66,000,000 tons of food waste that generates 251,000,000 tons of Co2 annually. U.S farmers utilize 22,000,000 tons of fertilizer annually.

Opportunity: Our patented Bokashi technology is the most efficient way to rapidly convert food waste into high value bioproducts. These bioproducts can be used by America's farmers to drastically reduce fertilizer usage while eliminating Co2 pollution.

Complete Cycle: Bokashi technology rapidly converts waste streams into highly valuable resources. Our process is a scalable and duplicatable system ready to deploy anywhere waste is generated. Bokashi technology can bring carbon negative biotechnology to rural areas that struggle to connect to a carbon negative future.

The Process Simplified: Food waste is collected, inoculated with non-gmo specialized bacteria, and put in sealed bioreactors. With no further energy, the entire process of conversion is done biologically and completes within a few days. Finished products are refined and packaged for sale as a fertilizer alternative.



Facts: Bokashi rebuilds depleted soils, stimulates all soil biology, and is capable of offsetting up to 85% of fertilizer use with no decrease in yield. Bokashi drastically reduces pest and disease pressure in all plants and all environments, reducing pesticide use. When produced industrially, Bokashi is the least expensive biological.

Currently no other product is available that provides all of the same benefits as Bokashi. Bokashi technology meets 2035 Global Fertilizer and Co2 targets.

Accomplishment Timeline:

- 2009** Dr. Lawrence Green develops industrial Bokashi processes.
- 2016** Built pilot Bokashi production facility.
- 2017** Bokashi approved by CDA / CDPHE.
- 2018** Successfully developed Bokashi for horticulture.
- 2019** Integrated Bokashi into large hemp operation.
- 2020** Bokashi expands to Iowa farming.
- 2021** Bokashi approved by OMRI for organic cultivation.
- 2022** Bokashi products approved for us in Canada, Europe, and Caribbean.
- 2023** Created **Bokashi Ag** for industrial expansion. Independent third-party validation ongoing.



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