

Classification of AOB Technology as “Organic”



The following is a discussion of the term “organic” as it pertains to and is currently perceived by the agricultural and livestock industries and how it coincides with the field of bioremediation. This abstract describes the organic products AOB uses in the formulation of its processes with custom designs for organic growers. In the case of organic farms, AOB is careful to manufacture a product that performs the necessary clean-up using only ingredients allowed by the Organic Growers Association.

OAB’s technology is based on the following facts:

1. All microbes utilized by AOB are ATCC Classified as Bio-Safety Level 1. They are harmless to plants, animals and protists. They only degrade dead organisms, fix nutrients and are the producers, consumers, decomposers and abiotic fixers in ecosystems.
2. No genetic engineering is used in the acclimation of hybrids, only natural selection, just as it occurs in nature.

In addition, AOB uses an organic medium for scale-up of Manure Management Plus.

Manure Management Plus can be substituted for chemical fertilizers that could wash off fields and into streams, ponds and creeks causing eutrophication, a build up of blue-green and filamentous green algae. These algae require copious amounts of oxygen, far beyond normal oxygen production, eventually killing fresh water systems.

Manure Management Plus can also replace the chemicals that are used in barns by egg farmers to balance the manure produced by their chickens, so N-P-K are in ecological balance when it is spread on the fields.

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