

OikoVersal

Unique Microbial Product

OikoVersal is the latest addition to our microbiological line. It is derived from the EM (efficient microorganisms) technology developed by Dr Teruo Higa in Japan, and now made in the US. It is impossible to cover this subject adequately in this space, but extensive literature is available (in Spanish).

What sets OikoVersal apart from our other microbiological products is that it is essentially anaerobic and that it is supplied by us as a mother culture that can then be activated or multiplied x 20 by means of a simple fermentation process which usually takes 7 to 10 days.

The “activated” (fermented) product is then applied (usually diluted with great volumes of water) to achieve singular results in many indications as those shown below:

- Agriculture: for conditioning soil, compost and plant wastes. It has been proven that continued use of OikoVersal can convert a soil to a truly sustainable type of soil, called a zymogenic soil.
- Agriculture: for feeding livestock, for waste treatment, for odor control and pest management (e.g., flies).
- Agriculture: for treating or controlling various fungal diseases or pests of plants.
- Managing odors.
- Lawn and turf maintenance: for treating soil and compost or organic fertilizers, for preventing fusarium and molds, for improving vitality and disease resistance of turf.
- Buildings and architecture: to maintain healthy buildings and building materials (lumber, concrete, plaster, etc.), to prevent “sick building syndrome” and extend life of materials.
- Deodorizer for barns, waste treatment areas, homes, etc.
- Household: pets, odor control, treating pet wastes on floors, for shower stalls, kitchen sinks, dishpans, garbage pails, toilets, drains, sinks, compost buckets, etc.
- Human and animal use: ingestion of a wide range of antioxidative and regenerative products made from OikoVersal, as a healthful probiotic and antioxidant supplement.
- Waste treatment.
- Septic waste treatment.
- Remediation of polluted or unbalanced waterways, streams, bays, ponds and lakes.

- Toxic waste remediation.
- Preparation of waste biomass material for bio-conversion into fuels such as biodiesel and others.

The essential basic technology of OikoVersal is a consortium of numerous species of microorganisms, from across four classes of organisms, in a synergistic culture (called consortium) which produces lactic acid under anaerobic fermentation and which also produces an environment (in the liquid or plant matter under fermentation, etc.) which is highly antioxidative and regenerative. Or syntropic and which contains numerous powerful antioxidants, largely produced by phototrophic anaerobic bacteria known as non-sulfur bacteria (PNSB).