



FIELD REPORT Enriched Irrigation Water

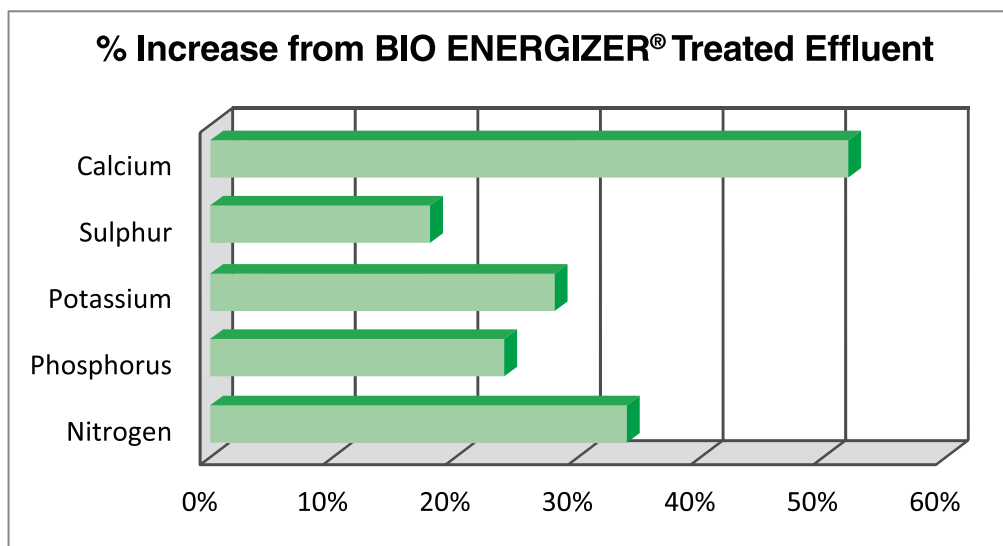
Results After Using BIO ENERGIZER®

The Environmental Analysis Laboratory of Southern Cross University in Australia conducted foliar tests on phalaris grasses irrigated with effluent pond water treated with BIO ENERGIZER® against a control pasture using normal irrigation. Several species of phalaris grasses are typically not used for grazing cattle but are used to collect and filter wastewater as they are heavy users of fertilizer and have a long growth season, effectively performing as a pollution control measure for multiple industries.

The photos show the difference in the quality and thickness of the pasture, and the graph shows the increases in 5 of the prime nutrient values of the BIO ENERGIZER® treated water.



Irrigated Phalaris Grasses



A second enriched water case study involved treated wastewater from an Australian sheep processing plant. The treated water was drawn off the third and last “polishing” treatment pond and pumped to an adjacent field where they rotate field crops annually.

After using BIO ENERGIZER® in the pond system for a year the plant manager stated they won “Wheat Crop of the Year 2012”. And in 2013 the operator exclaimed, “You should see my canola crop, it is this high” – gesturing with his hand to about 3.5 feet high.



The plant manager was clearly excited about the growth of his latest crop, due to the addition of BIO ENERGIZER® into the treatment pond system as compared to previous years without it.

Product Info

BIO ENERGIZER® is a broad-spectrum bio-activator containing over 30 essential microbial growth-promoting ingredients. By design, BIO ENERGIZER® is a balanced formulation of vitamins, trace nutrients, enzymes, organic acids, and bio-stimulants that stimulate the existing microbial community to greater metabolic capacity and efficiency. BIO ENERGIZER® is not a bacterium nor an inoculum.

For many years wastewater operators have continued to use BIO ENERGIZER® to cut their sludge hauling costs.

Operators Using BIO ENERGIZER® Report:

- 1) Increases in BOD removal efficiency.** BIO ENERGIZER® improves treatment plant removal efficiency to increase plant treatment capacity and more easily meet effluent requirements.
- 2) The elimination of expensive dredging costs.** BIO ENERGIZER® converts sludge into gases and water, reducing sludge accumulations. No draining, drying, excavating, or inconvenient down time.
- 3) The reduction of odors and aeration costs.** BIO ENERGIZER® enhances aerobic and facultative biological eco-systems to reduce the production of objectionable and offensive odors and enhances dissolved oxygen levels. BIO ENERGIZER® also increases the dissolved oxygen levels which decreases the need for aeration.

BIO ENERGIZER® enhances endogenous respiration for faster and more complete oxidation of sludge into carbon dioxide and water.

Our PROBIOTIC SOLUTIONS® Products
Are Highly Efficient and Effective Due to Our Unique Delivery System



Call Toll Free Today for Your Free Pond Evaluation and Sludge Removal Quote

1 (800) 961-1220