

Bio-Regen Support



Product Overview **Bio-Regen Support** is formulated to work synergistically with 3 Tier's line up of Bio Remediation products to help stimulate and sustain advanced levels of bioactivity in soil and water. **Bio-Regen Support** contains micro-nutrients, trace elements and beneficial carbon groups that are quite often missing in the contaminated soil and wastewater structures. This balanced blend provides the necessary energy source that promotes fast growth of both indigenous and the augmented microorganisms in 3 Tiers' products.

Bio-Regen Support is not simply a "fertilizer" which is commonly used in the Bioremediation industry. Common fertilizers "off gas" quickly under normal conditions while **Bio-Regen Support**'s unique formula helps bind key nutrient components holding them in an available form within the treatment zone so they may be utilized properly to sustain stronger, longer lasting bioactivity over a prolonged period of time.

As with many of 3 Tier's products, the cornerstone of **Bio-Regen Support** is **Carboxx**. **Carboxx**TM is a unique Activated Humic Acid that provides an unprecedented capacity to capture and absorb a wide array of contaminants found in soil and waste water. **Carboxx**TM creates a platform for accelerated natural and augmented decomposition of organic compounds. **Carboxx**TM unique formulation also provides a stable remediation environment and protects the process from inconsistent results by reversing the effects of high or low pH levels, excessive salts, high clay compacted soils, or limited oxygen. **Carboxx**TM creates a balanced environment for maximum biological activity.

Application Information Effective bioremediation requires exponential growth of both the indigenous and the target specific augmented bacteria. Aggressive microbial growth requires additional support systems to ensure rapid development and consumption of the contaminants. **Bio-Regen Support** is a specialty formula that includes additional **Carboxx**TM (carbon), minerals, trace elements and nitrogen to fully support the required microbial activity and growth for organic decomposition.

Bio-Regen Support is specifically formulated to be a "catalyst and support" product for **Soil Rx**, 3 Tier's broad spectrum hydrocarbon remediation product. **Bio-Regen Support** should be used in any nutrient deficient remediation environment for accelerated performance.

Application Rates Add **Bio-Regen Support** to any 3 Tier Remediation product based on technical recommendations from our staff or distributors. **Bio-Regen Support** will be added based on the remediation concentrate used in the corrective mix. Add 16 ounces (100 ml) of **Bio-Regen Support** per gallon (liter) of remediation product concentrate.

Example Application: Project treatment requires 10 gallons of **Soil Rx** concentrate to be diluted. **Bio-Regen Support** required will be 160 ounces (10 X 16 = 160). Metric equivalent is 10 liters of **Soil Rx** concentrate to be diluted. **Bio-Regen Support** required will be 1000 ml (10 X 100 = 1000). Contact 3 Tier Technologies or your local distributor for specific application strategies that fit your specific operation.

Technical Information **Bio-Regen Support** is a unique formula containing micro nutrients, trace elements and beneficial carbon groups that are quite often missing in the contaminated soil and wastewater structures creating a "catalyst and support system" that enhances the bioactivity process. It is specially formulated to be safe and environmentally friendly using natural food grade elements and stabilized urea nitrogen.

Storage: Product is stabilized and does not require special handling or storage requirement other than do not store product in direct sunlight.

Shelf Life: Properly stored containers have a shelf life of 2 years. Should the product freeze in storage, do not apply heat to thaw, remove product to room temperature conditions and let thaw normally.

Compatibility: **Bio-Regen Support** is compatible for use with all 3 Tier products. Do not use **Bio-Regen Support** with any other branded products without first checking compatibility using a simple jar test before adding to mix.

For more information Contact:

