



# FE<sup>17</sup> SOIL & WATER TREATMENT

BY ORGANIC ECOIL TECHNOLOGIES LAB.

ECOIL  
TECHNOLOGIES

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## ABOUT ECOIL TECHNOLOGIES



The ECOIL TECHNOLOGIES company was established in 2016 and located in Dubai Science Park, UAE.

A fast growing independent research company focused on the development of oilfield chemicals and bioorganic products with outstanding quality and potential.

The Ecoil Technologies is a multidisciplinary research company with a broad spectrum of research lines, services and products.

The company was established by a group of qualified professionals having extensive knowledge and experience in research and development in oil and gas industry, agriculture and ecology in close cooperation with academic experts.

The company aims at developing products technical know how and providing other contract services.

The company is also active in the area of technology consultancy.





## SOIL DEGRADATION, SOIL SALINITY, WATER QUALITY, UNPLESANT ODOUR



Soil degradation is the loss of land's production capacity in terms of loss of soil fertility, soil biodiversity, and degradation. Soil degradation causes include agricultural, industrial, and commercial pollution; loss of arable land due to urban expansion, overgrazing, and unsustainable agricultural practices; and long-term climatic changes. According to a recent report to the United Nations, almost one-third of the world's farmable land has disappeared in the last four decades. It was also reported that all of the World's topsoil could become unproductive within 60 years if current rates of loss continue. Soil salinity and water quality are the most common problem faced by Middle Eastern countries.



# WE HAVE SOLUTION

We have developed technology and products specifically to improve water and soil quality. This technology is environmentally friendly and uses only natural, organic ingredients.

Beautiful gardens and lush green lawns are a breeze when you use Ecoil Technologies Organic products. We have the knowledge and experience to allow you to reliably establish gardens of all types. We can help you beat the heat in summertime by reducing the amount of water that your plants need and keep them happy year round with healthier soils and less need for fertilizers and pesticides.





## ECOIL Fe<sup>17</sup> SunsetBIO™



Our company offers a technological solution based on - ECOIL Fe<sup>17</sup> SunsetBio™ complex of enhancement & recovery of soils "in situ." The approach we offer is simple, highly efficient and cost-effective in relation to current solutions.

ECOIL Fe<sup>17</sup> SunsetBio™ – 100 % Organic bioactivator and soil improver.

Enhancement program of Ecoil Technologies company based on ECOIL Fe<sup>17</sup> SunsetBio™ blend keeps your soil in balance and working efficiently to drive growth and protect your crops from stress, pests and disease. ECOIL Fe<sup>17</sup> SunsetBio™ blend maintains organic carbon levels in your soil to maximize air, water and nutrient availability and keeps beneficial microbes working hard to drive growth and provide natural suppression of pests and disease.





## ECOIL FE<sup>17</sup> SunsetBIO™



- ✓ Significantly improves soil water storage, reducing plant stress and demand on irrigation.
- ✓ Maintains soil biological activity for plant health and protection from pests and disease.
- ✓ Improves crop growth and uniformity for better quality and efficiency at harvest.
- ✓ Improves management control on costs and helps growers manage risk to sustain profitability.
- ✓ Improves water infiltration and irrigation efficiency.
- ✓ Reduces soil moisture loss and plant stress in summer.
- ✓ Stabilizes soil temperature for better year round growth.
- ✓ Stimulates soil biology for better disease suppression.
- ✓ Blankets out weeds, reducing competition for inputs.
- ✓ Protects soil from wind and water erosion.
- ✓ It will reduce the level of unpleasant odors of water.
- ✓ It will help to retain moisture in the soil for a longer time.
- ✓ Reduce greenhouse gas emissions into the atmosphere.
- ✓ Reduce salinity of soil.



# THANK YOU

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