



Green Fields, Greener Future!

A large, light gray, stylized letter 'S' that serves as a background for the text. It has rounded corners and a thick stroke.

Innovative Soil Amendments & Customized Fertilizers **for Sustainable Turf**



Restore Your Soil Health with Greenwise Products

Greenwise Co. specialize in developing advanced soil amendments and fertilizers crafted from naturally sourced raw materials such as Zeolite, Leonardite, Microalgae, and herbal extracts to name a few. These ingredients are sourced from some of the purest natural deposits in the world, and are processed to produce homogenous, dust-free granules for all types of sports and amenity turf.

Greenwise products will increase the cation exchange capacity (CEC) of the soil, which, in turn, will improve nutrient exchange and nutrient retention within the soil media. They will enhance overall soil health and promote the development of beneficial microorganisms within the soil – enabling more prolific root growth.

Furthermore, they aid in improving soil aeration, support stronger root development, and contribute to a more resilient turf that can better withstand stress from heavy usage and environmental factors.

WATER EFFICIENT

Reduces water consumption while maintaining lush fields.

NUTRIENT EFFICIENT

Reduces fertilizer consumption without compromising quality.

SUSTAINABLE

Reduces environmental impact and carbon footprint.

NATURAL

Meticulously crafted from natural raw materials for perfect results



Green Fields, Greener Future!

About Us



Nature's Formula for Perfect Turf

At Greenwise, we believe that the health of your turf begins with the soil beneath it. Established with a vision to revolutionize turf management, we provide innovative, eco-friendly solutions that nourish the earth while ensuring top-tier performance for your fields.

Our mission is to create products that harmonize with nature, delivering sustainable growth and vibrant results for all types of sports fields, landscaping projects, and agricultural applications.



Commitment to Sustainability

Sustainability is at the heart of everything we do. Our products not only improve the resilience and health of your turf but also minimize environmental impact.

By reducing water usage, enhancing soil aeration, and supporting beneficial microorganisms, we aim to build a greener, healthier future for generations to come.

Our Expertise

Greenwise specializes in developing advanced soil amendments like Leo-Zeo Turf, crafted from premium, naturally sourced materials such as Zeolite and Leonardite.

These ingredients are meticulously processed to create homogeneous, dust-free granules that enhance soil structure, optimize nutrient retention, and promote healthy root development.

Our customizable solutions meet the unique needs of different soil types and applications, making us a trusted partner for turf professionals across the globe.

Stronger Roots, Healthier Fields, Greener Tomorrow

With Greenwise, your fields not only thrive today but also contribute to a sustainable and eco-friendly future. Strong roots and vibrant turf are just the beginning of a greener tomorrow.

Our Services



Customized Solutions



Greenwise products are meticulously customized to meet the specific needs of different soil types and applications. Whether you are managing sandy soils, clay-based fields, or a unique mix, our product is tailored to provide optimal performance and compatibility.

One of the core principles of our products is sustainability. By improving water efficiency and reducing the need for chemical fertilizers, we help minimize the environmental footprint of turf management practices.

Our commitment to eco-friendly solutions ensures that you achieve outstanding results while protecting natural resources.

By adjusting the composition and ratios of various raw materials including Zeolite and Leonardite, we ensure the perfect balance of nutrient retention, water efficiency, and soil aeration.

For specialized requirements, our products can also be enriched with additional minerals, biological ingredients, herbal extract and other natural products to address specific challenges, making them the ideal choice for high-performance turf management and agricultural practises.

Product Enrichment



Versatile Applications



Greenwise products are designed for a wide range of applications, including sports fields, golf courses, residential lawns, commercial landscapes, - and agriculture.

Their adaptability makes them suitable for various climates and environmental conditions, ensuring consistent results regardless of the region.

Extensive field testing and research have demonstrated the effectiveness of our products in enhancing soil health, promoting robust root growth, and improving turf durability.

Our Products

LEO-ZEO TURF

Premium Soil Amendment

Leo-Zeo Turf is a premium soil amendment made from naturally occurring materials, Zeolite and Leonardite.

These ingredients are sourced from some of the purest natural deposits in the world, and are processed to produce a homogenous, dust-free granule for all types of sports and amenity turf.

Leo-Zeo Turf will increase the cation exchange capacity (CEC) of the soil, which, in turn, will improve nutrient exchange and nutrient retention within the soil media. It will enhance overall soil health and promote the development of beneficial microorganisms within the soil – enabling more prolific root growth.

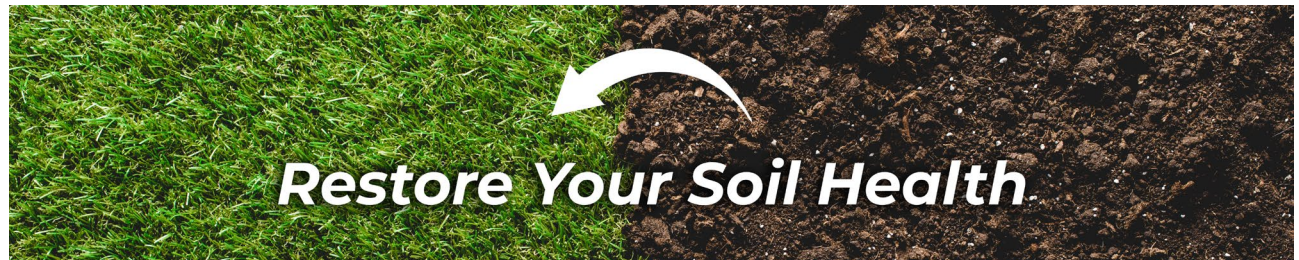
Furthermore, it aids in improving soil aeration, supports stronger root development, and contributes to a more resilient turf that can better withstand stress from heavy usage and environmental factors.

Its unique formulation reduces compaction, ensuring that water and nutrients reach the root zone effectively, making it an ideal choice for maintaining high-performance turf areas. Leo-Zeo Turf can be used to amend sand to produce root zones that meet USGA specifications.

Directions for Use

New Constructions: Best results will be achieved when Leo-Zeo Turf is incorporated into the top 3" of the sand or soil profile at a rate of 5% to 10%.

General Applications: Apply at a rate of 5 – 40 lbs. per 1,000 sq. ft. Consult the manufacturer for recommended application rates.



Our Products

CLINO TURF

Natural Mineral Soil Amendment

Properties:

- Improves soil structure, enhancing aeration and drainage.
- Retains essential nutrients and prevents nutrient leaching.
- Optimizes water retention for better drought resistance in turf.
- Enhances overall turf quality, leading to healthier, more resilient grass.
- Reduces the frequency of watering and fertilization by maintaining nutrient and moisture levels.

Features and Functionality:

- **High-Quality Zeolite:** A natural mineral with a high cation exchange capacity (CEC) that improves nutrient retention and minimizes nutrient leaching.
- **Water Retention:** Helps improve water-holding capacity, especially in sandy or dry soils, leading to water savings and better drought tolerance for turf.
- **Soil Aeration:** Improves soil structure by creating air pockets, promoting better root growth, and reducing compaction.
- **Nutrient Release Control:** Zeolite helps retain and release nutrients (particularly nitrogen, phosphors, calcium, magnesium, etc.) gradually over time, reducing the risk of over-fertilization.
- **pH Neutral:** Works well in a wide range of soil types without altering the pH significantly.

Technical Specifications:

Mineral Properties:

- Zeolite (Clinoptilolite) > 70%
- Moisture Content < 12%
- Cation Exchange Capacity: 90 – 120 meq/100g

Particle Size: SGN 90 (0.5 – 1.5mm).

Packaging: Available in 50lbs. bags

Directions for Use:

New Constructions: Best results will be achieved when Clino Turf is incorporated into the sand or soil profile at a rate of 10% to 15%
General Applications: Apply at a rate of 25 – 75 lbs. per 1,000 sq. ft. Consult the manufacturer for recommended application rates.

SOIL AMENDMENTS

Overview:

CLINO TURF is a high-quality natural soil amendment designed to improve soil health and enhance turf growth.

This amendment uses zeolite, a volcanic mineral, to optimize nutrient retention, moisture management, and soil aeration.

Ideal for use in golf courses, sports fields, lawns, and other turf applications, this product helps create a more resilient and thriving turf environment.



Our Products

MEGA (10-10-10 + 10.SO₃ + Zn)

Granular Fertilizers

Properties:

- Provides essential nutrients (i.e. N, P, K, secondary nutrients, trace elements).
- Improve soil structure and water retention with the inclusion of zeolite.
- Enrich the soil with organic matter and humic acids via leonardite.
- Support sustainable turf management practices by reducing nutrient leaching and water use.

Features and Functionality:

- **Nutrient Balance:** Contains key macronutrients (NPK) and micronutrients.
- **Zeolite Inclusion:** Enhances nutrient retention, reduces nutrient leaching, and improves water retention in the soil.
- **Leonardite Content:** Provides a source of humic substances that help in increasing soil fertility, enhancing nutrient uptake, and promoting beneficial soil microbial activity.
- **Slow-Release Mechanism:** Designed to release nutrients gradually over time, reducing the risk of over-fertilization and minimizing environmental impact.

Technical Specifications:

Macronutrients:

- Nitrogen (N): 10%
- Phosphorus (P): 10%
- Potassium (K): 10%

Micronutrients:

- Sulfur (S): 10%
- Zinc (Zn): 1%

Zeolite Content:

Zeolite improves the cation exchange capacity (CEC), allowing for better nutrient retention and slower release. It also helps maintain soil moisture and reduces the need for frequent watering.

Leonardite Content:

Leonardite provides humic and fulvic acids that enhance nutrient absorption and promote soil microbial activity.

Particle Size:

SGN 90 (0.5 – 1.5mm).

Packaging:

Available in 50lbs. bags

Directions for Use: General application at a rate of 2.5 – 10 lbs. per 1,000 sq. ft. Consult the manufacturer for recommended application rates.

GRANULAR FERTILIZERS

Overview:

MEGA is a high-quality, granular, balanced fertilizer designed for turf and agricultural use.

It includes zeolite and leonardite as functional fillers to enhance nutrient retention, improve soil structure, and boost plant growth.

Zeolite helps with moisture retention and nutrient exchange, while leonardite enriches the soil with humic acids, promoting overall plant health.



Our Products

BASE (12-22-0 + 12.SO₃)

Granular Fertilizers

Properties:

- Delivers targeted Nitrogen (N) and Phosphorus (P) nutrients for turf / plant growth.
- Improves soil structure, moisture retention, and nutrient exchange capacity through zeolite.
- Enhances soil fertility and microbial activity with organic humic acids derived from leonardite.
- Support sustainable turf management practices by reducing nutrient leaching and water use.

Features and Functionality:

- **N and P Content:** Specially formulated with a high concentration of Nitrogen and Phosphorus to stimulate healthy turf / plant growth, and promote root development.
- **Zeolite Inclusion:** Enhances the cation exchange capacity (CEC) of the soil, improves water retention, and helps minimize nutrient leaching.
- **Leonardite Content:** Adds organic humic acids that stimulate beneficial microbial activity, improve nutrient uptake, and support soil structure.
- **Slow-Release Technology:** Provides a slow, steady release of nitrogen and phosphorus, reducing the risk of nutrient loss and ensuring continuous nourishment for turf / plants.

Technical Specifications:

Macronutrients:

- Nitrogen (N): 12%
- Phosphorus (P): 22%

Micronutrients:

- Sulfur (S): 12%

Zeolite Content:

Improves soil aeration and water retention, enhances nutrient holding capacity, and promotes root health.

Leonardite Content:

Provides organic matter rich in humic acids, enhancing soil microbial activity, increasing soil fertility, and promoting plant nutrient uptake.

Particle Size: SGN 90 (0.5 – 1.5mm).

Packaging: Available in 50lbs. bags

Directions for Use: General application at a rate of 2.5 – 10 lbs. per 1,000 sq. ft. Consult the manufacturer for recommended application rates.

GRANULAR FERTILIZERS

Overview:

BASE is a specialized granular fertilizer formulated to provide essential Nitrogen (N) and Phosphorus (P) to plants while incorporating zeolite and leonardite as functional fillers.

The inclusion of zeolite enhances nutrient retention via cation exchange capacity (CEC), moisture management, and soil aeration, while leonardite provides organic matter in the form of humic acids, promoting overall soil fertility and turf / plant health.



Our Products

SPECIALTY PRODUCTS

DYNABIO TURF

Biological Soil Amendment

Pioneering Biotech Solutions for Turf Management

DynaBio Turf combines the powerful synergy of microalgae (also known as phytoplankton), mycorrhizae, and zeolite to enhance soil health, improve nutrient availability, and optimize turf performance. This innovative all-in-one solution integrates prebiotics (microalgae) and probiotics (mycorrhizae), increasing soil organic carbon and promoting long-term soil fertility and sustainability in the turf industry.

At the core of DynaBio Turf is AlgaEnergy's advanced technology, a scientific breakthrough developed through over 50 years of research and expertise in industrial microalgae biotechnology.

This technology enables a tailor-made cultivation of diverse microalgae species under controlled conditions, resulting in high-quality and homogeneous biomass. The microalgae-based biomass is then processed using a gentle bioconversion method (UPT® Technology), which preserves key bioactive compounds—such as hundreds of peptides, all essential free L-amino acids, vitamins, and other natural components—ensuring they are fully bioavailable to soils and plants.

The solution also incorporates selected arbuscular mycorrhizal fungi in the form of infective propagules. Once applied in the field, these fungi are naturally bio-stimulated by the microalgae, enhancing nutrient uptake and improving plant resilience. This fine-tuned combination of technologies unlocks the full potential of microalgae and fungi, supporting sustainable turf management practices.

DynaBio Turf is a transformative solution that boosts soil health, strengthens turf's vitality, and champions a sustainable future for the industry.

Microalgae are biological powerhouses and the UPT® process enables their full potential in turf and agricultural practices.

www.greenwiseco.com



Directions for Use: General application at a rate of 5 – 40 lbs. per 1,000 sq. ft. Consult the manufacturer for recommended application rates.

Toll Manufacturing



Providing Tailored Solutions with the Power of Nature

We craft the finest products by combining the best of natural minerals, biological ingredients and herbal extracts with our zeolite and leonardite.

Every customer has unique needs, and that's why we embrace a custom product and custom solution approach to develop the most suitable formulas just for you.

Specialized Solutions for Turf Problems

With our expertise in product development, we offer tailored solutions for turf-related issues. Harnessing nature's magnificent blend, our eco-friendly and effective products are designed to meet your needs.

Production for Your Brand

We believe in the philosophy of "Custom products for your brand." We listen to your needs and provide solution-driven production based on your requirements.

If you're looking to develop unique products under your brand, we're here to make it happen with our motto, "Tell us your needs, and we'll create solutions under your brand".

Small-Batch Production to Get Started

Taking the first step can be challenging, but we make it easy for you. We're ready to produce small quantities to introduce you to our products and get to know your needs better.

Our Expertise in Toll Manufacturing

We prioritize quality at every stage of the production process. Our mission is to create not just nature-inspired but also nature-compatible products.

For eco-friendly, innovative, and tailored solutions, get in touch with us! We're excited to listen to you and create unique products for your brand.



Why Choose Greenwise?

Innovative Technology

Our advanced formulations deliver exceptional results with minimal environmental impact.

Tailored Solutions

Greenwise products are customized based on soil type and application, ensuring optimal performance and compatibility

Global Standards

Our products meet and exceed industry standards, including USGA specifications for root zones.

Get in Touch

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greenwise
TURF & AGRISOLUTIONS

