



Make soil healthier
Make crops more nutritious



Our Mission

Our mission is "Technological Innovation, Healthy Future." We specialize in the research and development of nutrient-rich soil and soil conditioners, committed to providing high-quality, affordable products that deliver greater value to our customers. Simultaneously, we promote the harmonious development of the ecological environment, creating lasting value for society.

Our Vision

We are committed to becoming a leading enterprise in the field of nutrient-rich soil and soil conditioners. Through continuous technological innovation and exceptional service, we strive to build a healthy, green, and sustainable future.

Company Profile

TOP MAY Global International Trade Co., Ltd., located in the Square Industrial Park, Xiaonan District, Xiaogan City, Hubei Province, specializes in organic fertilizer manufacturing, ecological environment material sales, compound processing of soil and fertilizers, engineering and technical research and experimental development, as well as soil pollution remediation and restoration services. Through innovative technologies and premium products, the company provides clients with efficient, sustainable product technology solutions , driving industry advancement and promoting social sustainability.

Our Advantages

1

Technologically advanced

The company maintains a dedicated R&D team comprised of seasoned experts and researchers, continuously driving technological innovation.

2

Quality Assurance

We strictly adhere to international quality standards to ensure our products are safe, reliable, and efficient.

3

Customer First

Customer-driven, providing personalized, comprehensive service support.

4

Sustainable Development

We prioritize environmental protection and social responsibility, committed to achieving harmonious development across economic, environmental, and social dimensions.

5

Corporate Culture

We uphold the core values of integrity, innovation, collaboration, and mutual success, encouraging our employees to continuously learn and grow.

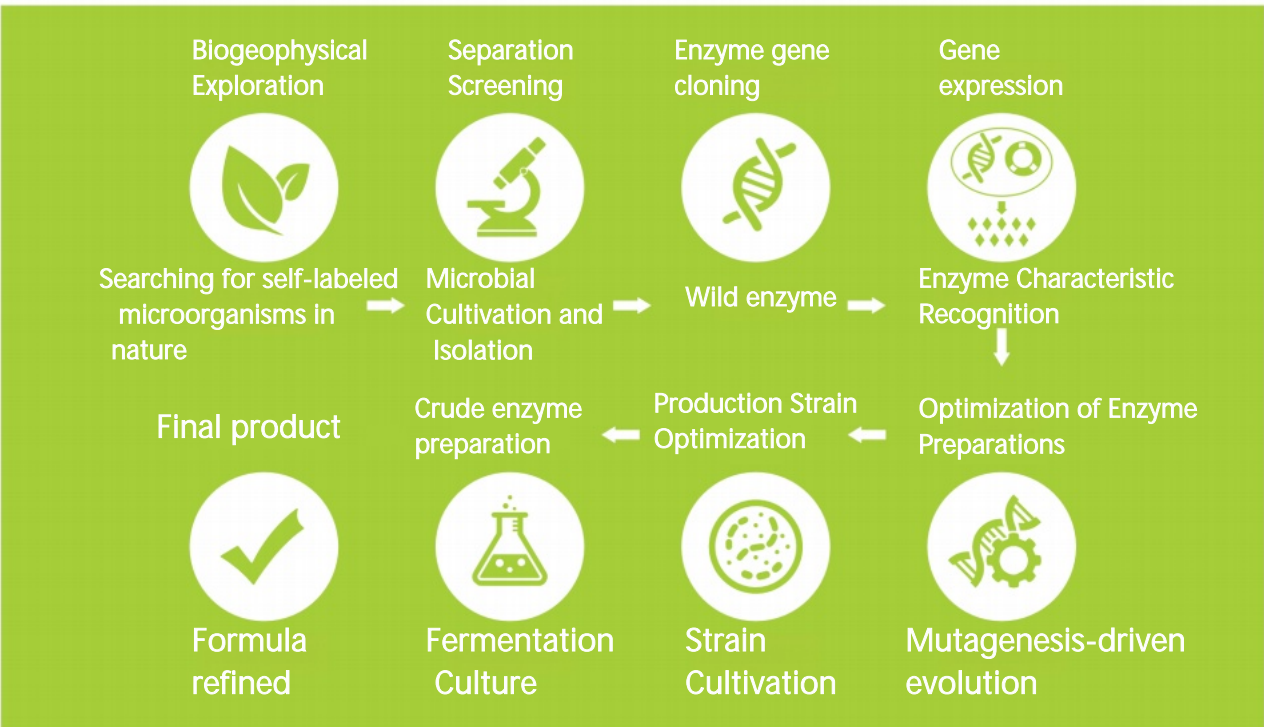
6

Future Outlook

In the future, TOPMAY Global International Co., Ltd. will continue to deepen its expertise in nutrient-rich soil and soil conditioners, expand its domestic and international markets, and collaborate with partners to advance together, contributing to human health and environmental protection.

Soil Improvement

Soil improvement efforts are typically carried out by developing practical plans tailored to local natural and economic conditions, implementing them step by step to effectively enhance soil productivity and environmental conditions.



Mutagenesis-driven Evolution

Implement engineering or biological measures to keep soil erosion within acceptable limits. If soil erosion cannot be controlled, soil improvement cannot proceed. For cultivated soils, basic farmland infrastructure must be established first.

The objective is to increase soil organic matter and nutrient content, improve soil properties, and enhance soil fertility. Soil improvement measures primarily involve planting leguminous green manure crops or applying ample amounts of farmyard manure. When soil is excessively sandy or clayey, sand and clay can be mixed together. In the acidic red-yellow soils of southern China, eroded soils suffer from severe phosphorus deficiency; therefore, phosphorus fertilizer must be applied when planting green manure crops for soil improvement.

Soil improvement is a crucial task in agricultural production and ecological conservation.

Enhance soil productivity, address soil degradation, promote sustainable agricultural development, protect the ecological environment, increase farmers' income, strengthen crop stress resistance, improve the soil microbial environment, and adapt to climate change.



Soil improvement not only directly promotes agricultural production but also holds profound significance for ecological conservation and sustainable agricultural development. By comprehensively applying physical, chemical, and biological improvement measures, soil quality can be effectively enhanced, providing a solid foundation for the healthy development of both agriculture and ecosystems.

XINHUA | Soil Conditioner

Product Introduction

1. Blended from natural mud compost, coconut husk, Northeast peat moss, vermiculite, perlite, and other materials, this mix offers excellent aeration, high water retention, nutrient-holding capacity, and organic matter content to boost survival rates. Ideal for flower cultivation and seedling propagation, pollution-free vegetable farming, and lawn/balcony construction.
2. Improves soil structure, activates soil, increases soil aggregate formation, enhances soil permeability, regulates soil pH, alleviates soil salinization, reduces soil compaction, boosts soil water and nutrient retention capacity, enhances nutrient supply capability, creates favorable conditions for beneficial microorganisms, and mitigates the risk of crop rotation diseases.
3. Promotes root development and seedling vigor while enhancing stress resistance. Accelerates crop growth and development by encouraging branching, rapid rooting, and increased root mass. Improves water and nutrient uptake capacity, boosts photosynthesis and respiration rates, and fosters robust plant growth. Specifically inhibits soil-borne diseases and physiological disorders.
4. Promotes flower bud differentiation, increases fruit set rate, enhances quality, and boosts yield. Significantly elevates fruit protein, sugar, and vitamin content, resulting in superior taste and glossy appearance.

Product Introduction

For use on various melons, fruits, vegetables, fruit trees, root crops, medicinal herbs, flowers, field crops, and other economically important plants.

Dosage and Administration

Select fertilization methods and application rates based on crop rotation patterns and local fertilization practices.

Important Notes

Store in a cool, dry place away from direct sunlight. If moisture absorption, powdering, or caking occurs during prolonged storage, it does not affect the fertilizer's efficacy. Please use it with confidence.



Promote the new fertilization concepts of "reducing fertilizer use while increasing efficiency" and "nutrient-based plant protection"!

Residual chemical fertilizers have numerous effects on the land.

- Long-term excessive use of chemical fertilizers reduces organic matter content in soil and disrupts soil aggregate structure.
- Different types of chemical fertilizers affect soil pH differently. Soil acidification or alkalization inhibits beneficial microbial activity, affecting nutrient transformation and availability in soil, which in turn impacts plant growth.
- Excessive fertilizer application, particularly imbalanced use of nitrogen, phosphorus, or potassium fertilizers, disrupts nutrient ratios in the soil.
- Fertilizers may contain impurities such as heavy metals, radioactive substances, and harmful organic compounds. Long-term application allows these pollutants to accumulate in the soil, causing contamination.
- Fertilizer residues alter the habitat of soil microorganisms, affecting their diversity and abundance. Excessive nitrogen fertilizers promote the proliferation of aerobic bacteria like ammonifying bacteria and nitrifying bacteria, while suppressing beneficial anaerobic bacteria such as nitrogen-fixing bacteria. This disrupts the balance of soil microbial communities and compromises soil ecological functions.



Soil improvement refers to a series of measures taken to enhance the physical, chemical, and biological properties of soil. This aims to increase soil fertility, water and nutrient retention capacity, and aeration, thereby creating a favorable soil environment for plant growth.

Comparison of Usage Effects



Xinhuai Soil Conditioner

100% Pure Organic High-Altitude Fertilizer, free from chemical additives, provides comprehensive nutrition, and is non-toxic and harmless!



Other Soil Conditioners

Hard texture, clumping, nutrient loss, poor aeration, release of harmful substances, slow plant growth.



Xinhuai Nutrient Soil

High-temperature composted, naturally organic, won't burn roots or seedlings. Provides plants with comprehensive, healthy nutrition to achieve premium quality and high yields!



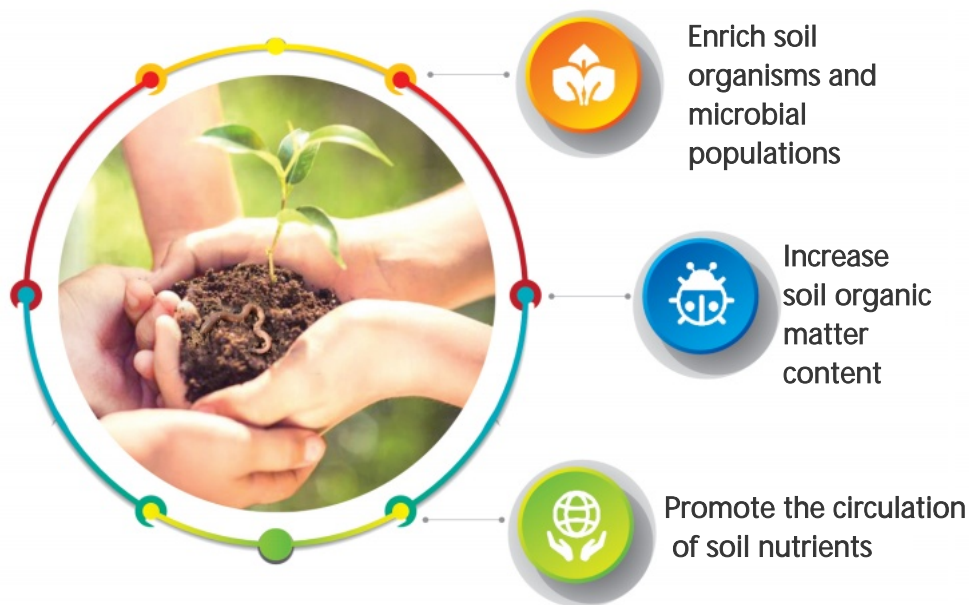
Other nutrient-rich soil

Overuse can easily burn roots and seedlings, leading to incomplete nutrient uptake, yellowing leaves, and low plant survival rates.

Activate soil vitality to enhance oxygen-producing capacity

01 Improve soil conditions

Soil conditioners can improve issues such as soil salinity and compaction, restore the original ecological balance of flora, fauna, and microbial chains, maintain the inherent life structure of the soil, keep it in equilibrium, and make our agricultural products greener, more natural, and richer in nutrients.



(1) Rapidly activates soil enzyme activity, improves soil aggregate structure, enhances colloidal adsorption capacity, and reduces nutrient loss.

(2) Enhances the soil micro-ecological environment, balances soil pH, activates immobilized nutrients, and comprehensively increases nutrient availability.

(3) Enhances soil's inherent nutrient-supplying capacity, balances nutrition, and ensures adequate nourishment. Fertilizer utilization increases by 30-0% or more, reducing chemical fertilizer usage by 20-30% , making it eco-friendly. Conventional chemical controlled-release technology, however, employs a bio-suppression and killing approach that only partially boosts the efficacy of specific nutrients without improving soil quality or comprehensively enhancing fertilizer efficiency.

02 Enhance crop growth

Soil conditioners enhance crop growth in multiple ways. They improve soil physical properties by deep plowing and adding organic matter, creating optimal soil porosity. This boosts aeration for root respiration while enhancing water retention, supplying crops during droughts. Chemically, they adjust pH levels in overly acidic or alkaline soils while increasing nutrient availability and reducing harmful substances. Biologically, they optimize soil health by introducing and increasing beneficial microorganisms. The bioactive compounds produced by microbial activity further promote robust crop growth.

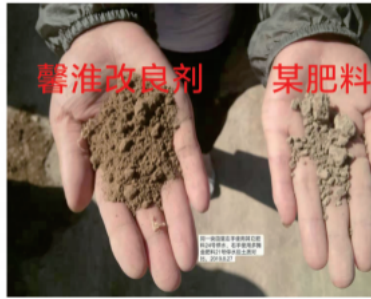
03 Effect Demonstration

Soil conditioners are products featuring life-activating technology that not only improve soil quality and enhance land productivity but also increase nitrogen, phosphorus, and potassium utilization rates. They promote robust primary roots that penetrate deeply while simultaneously developing and multiplying fine root systems. This boosts root system activity and enhances detoxification capacity, thereby improving crops' water retention and nutrient holding capabilities.

Improve soil



Using Xinhual Soil Conditioner Improves soil quality, enhances soil aggregate structure, increases soil permeability, and facilitates the circulation and conversion of fertilizers, air, and heat within the soil.



The same plot of land treated with Xinhual Soil Conditioner showed the following performance after watering ceased on the 21st of the month, compared to the performance of a certain fertilizer after watering ceased on the 24th of the same month.



Cotton Root System and Soil Structure

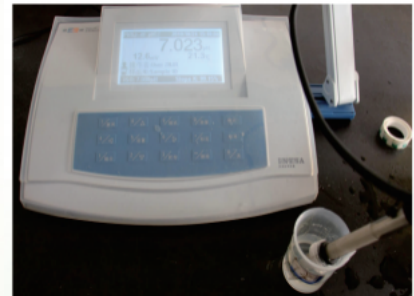
土壤PH



Initial Hydroponic Experiment in Xinjiang



Xinjiang Hydroponic No-Additives Experiment Day 13 Initial pH: 7.106

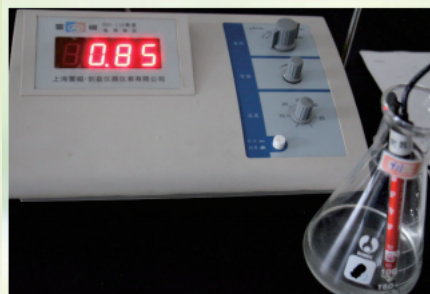


Xinjiang Soil-Based 0.3% Nutrient Soil Initial pH after 13 days of experimentation: 7.023

土壤电导率



Initial conductivity measurement for hydroponic experiment in Xinjiang: 1.477 mS/cm



Xinjiang Hydroponic Experiment: Additive-Free Cultivation for 13 Days



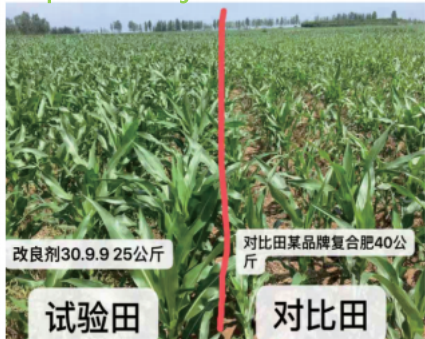
Electrical conductivity after 13 days of hydroponic cultivation with 0.3% nutrient soil added in Xinjiang: 0.80 ms/cm



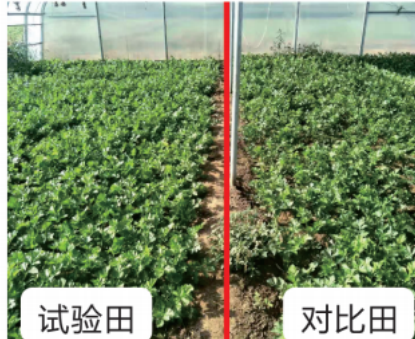
Improver — stress tolerance

The improver is a product featuring life-activating technology that enhances enzyme activity, thereby boosting crop absorption capacity, immunity, and stress resistance. It genuinely achieves reduced application with increased efficiency, saving farmers money.

Retain water and nutrients, resist lodging and diseases, prevent damage, boost yields, enhance quality, and increase profitability.



Overall response of corn seedlings during the seedling stage



Celery Effect: Plots treated with Xinhual conditioner exhibit more uniform growth.



Garlic grows rapidly—garlic treated with Xinhual Soil Conditioner, despite being planted 20 days later, has larger bulbs and has already surpassed the growth of earlier-planted seedlings.



White Yam—Demonstration fields exhibited fewer dead seedlings compared to control fields, demonstrating significantly enhanced disease resistance and tolerance to continuous cropping.



Flowering Performance: The use of growth regulators promotes the differentiation and maturation of corn tassels and silks, enabling earlier pollination and reducing the incidence of empty tassels.

Improver---Stems and leaves are robust, with thick, dark-colored foliage.

Cucumber stems are thick

Thinc	1	2	3	4	5	6	7	8	9	10	mean	difference
Demo	10.95	8.45	11.35	9.88	9.21	10.56	12.48	11.73	11.47	10.52	10.66	0.13
Compare	9.92	10.79	11.77	11.70	9.96	9.86	10.13	9.77	11.09	10.29	10.53	



Crops treated with Xinhuai Soil Conditioner develop robust stems, enhancing nutrient transport capacity and lodging resistance. It thickens leaves, increases chlorophyll content, and boosts photosynthetic efficiency. The product promotes organic matter accumulation, regulates crop transpiration, reduces water loss, and improves water retention capacity.

Corn root system



第一次追踪-苗期
使用改良剂的玉米根系发达，毛细根较多



Second Application - Wax Ripening Stage
The corn in the demonstration field reached the milk stage early, with plump kernels and no hollow tips.



Third Tracking - Maturity Phase
Corn treated with root enhancers develops robust root systems, enhancing crop drought tolerance and enabling green-stem maturation.

Root system after tomato harvest



Plots treated with soil conditioners exhibit well-developed root systems that penetrate deeply into the soil, demonstrate strong resistance to lodging, and effectively reduce the incidence of nematode diseases.

Improver — Increasing fruit yield while enhancing quality

A soil conditioner featuring life-activating technology, it infuses vitality into soil and crops—for healthy plants, vitality is essential. The nutrient-enriched soil series prolongs the grain filling stage, boosts starch accumulation, produces plump seeds, enhances the vibrant color of fruits and melons, increases vitamin and sugar content, reduces fibrous residue, and improves palatability. It elevates crop quality and increases farmers' income.

Early Fruit Set Effectiveness in Tomatoes

Tomatoes treated with Multi-Gold Enzyme exhibit high fruit set per plant and uniform fruit shape.



Demonstration of Fruit Set Effectiveness in Mid-to-Late Stages of Tomato Cultivation



Tomatoes grown in nutrient-rich soil reach market 5-7 days earlier.

Xinhuai Nutrient Soil

Product Introduction

1. Made from a blend of natural mud, manure, straw, wood ash, and fungal residue, this product offers excellent aeration, high water and nutrient retention, and rich organic matter content. It enhances survival rates and is suitable for flower cultivation and seedling propagation, lawn and balcony construction, landscaping, and related industries.
2. Improves soil structure, activates soil, increases soil aggregate formation, enhances soil permeability, regulates soil pH, mitigates soil salinization, reduces soil compaction, boosts soil water and nutrient retention capacity, enhances nutrient supply capability, creates favorable conditions for beneficial microorganisms, and reduces the risk of crop rotation diseases.
3. Promotes root development and seedling vigor while enhancing stress resistance. Accelerates crop growth and development by encouraging branching, rapid rooting, and increased root mass. Improves water and nutrient uptake capacity, boosts photosynthesis and respiration rates, and fosters robust plant growth. Specifically inhibits soil-borne diseases and physiological disorders.
4. Promotes flower bud differentiation, increases fruit set rate, enhances quality, and boosts yield. Significantly elevates fruit protein, sugar, and vitamin content, resulting in superior taste and glossy appearance.

Scope of Application

Suitable for various melons, fruits, vegetables, fruit trees, root crops, medicinal herbs, flowers, field crops, and other economic plants.

Dosage and Administration

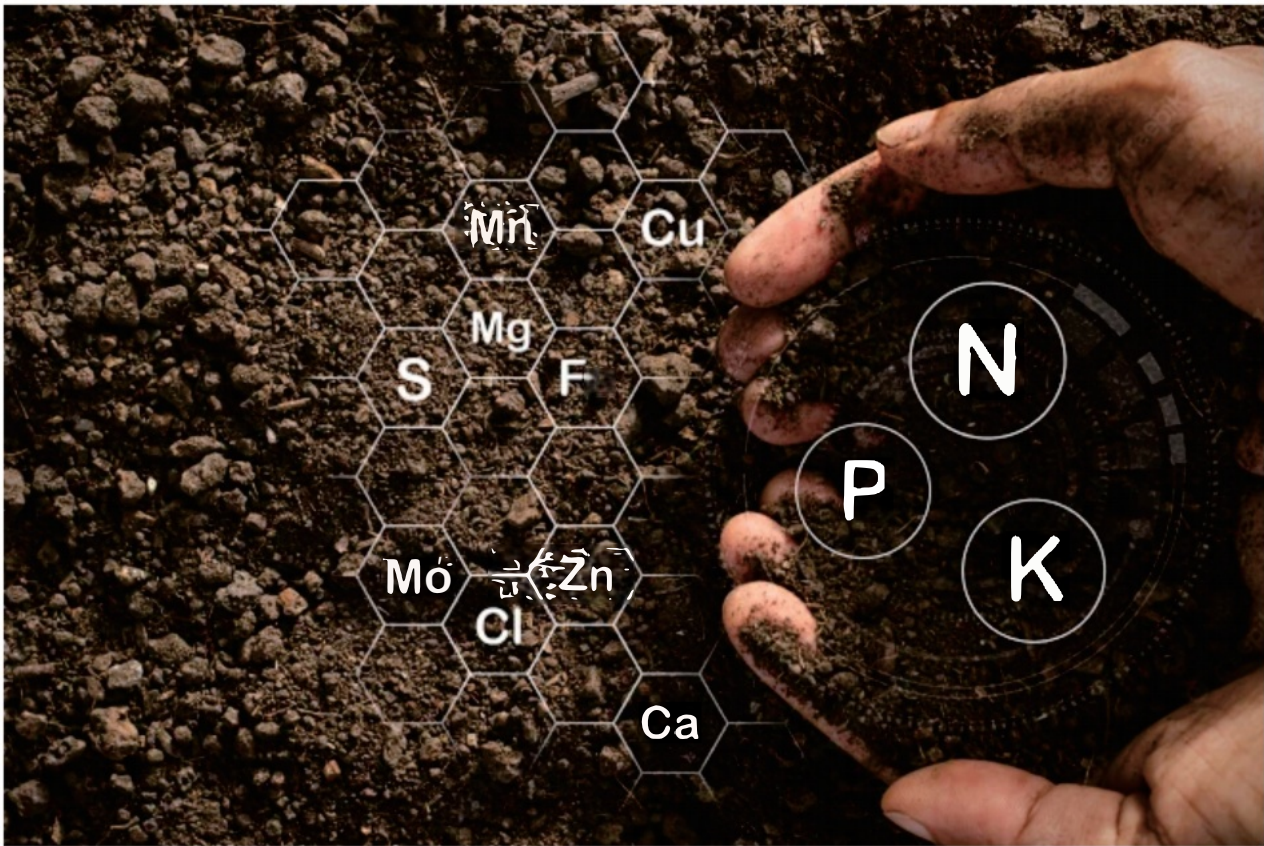
Select fertilization methods and application rates based on crop rotation patterns and local fertilization practices.

Important Notes

Store in a cool, dry place away from direct sunlight. If moisture absorption, powdering, or caking occurs during prolonged storage, it does not affect the fertilizer's efficacy. Please use it with confidence.



Promote the new fertilization concepts of "reducing fertilizer use while increasing efficiency" and "nutrient-based plant protection"!



Nutrient soil is a specially formulated blend designed to meet the growth requirements of plants. Typically composed of multiple components, it provides the basic soil structure and fertility needed for garden soil. Characterized by its rich and comprehensive nutrients, strong water and fertilizer retention capacity, and loose texture with excellent aeration, nutrient soil creates an optimal environment for plant growth. Widely applicable for cultivating various plants including flowers, vegetables, fruits, and succulents, it significantly improves plant survival rates and promotes healthy growth.

Advantages of Nutrient Soil

Nutrient-rich and comprehensive
 Contains multiple mineral nutrients, including macronutrients such as nitrogen, phosphorus, and potassium, as well as micronutrients like iron, zinc, and magnesium. It is also rich in organic matter, providing plants with a sustained supply of essential nutrients throughout their growth stages.

Improve soil structure
 Promotes the formation of soil aggregate structure, enabling soil particles to form aggregates of appropriate size and stable shape. This enhances soil stability and erosion resistance, facilitates root penetration and expansion, and improves soil water retention, aeration,

Excellent water retention and nutrient-holding capacity
 It can maintain an appropriate amount of moisture for plant absorption, reducing water loss and evaporation. Simultaneously, it adsorbs and retains nutrients, minimizing nutrient leaching and volatilization, thereby enhancing nutrient utilization efficiency. This provides a stable supply of water and nutrients for plant growth.

Free from pests and diseases
 After undergoing processes such as disinfection and fermentation, it is free of harmful substances like pathogens, insect eggs, and weed seeds. This reduces the likelihood of plant diseases and pests, lowers the cost of pest control, and creates a healthy environment for plant growth.

Excellent breathability
 Featuring a loose structure with moderate porosity, air can freely penetrate the soil, providing ample oxygen for plant roots. This facilitates root respiration and microbial activity, promoting root growth and development while preventing root rot caused by oxygen deprivation.

Simple operation management
 Lightweight for easy transport and use, it requires minimal fertilization and watering, simplifying plant cultivation and management. This makes it particularly suitable for home gardening, urban greening, and similar applications.

Uses of Nutrient Soil

Home Gardening

Flower Cultivation

Whether for potted ornamental flowers like roses and tulips or indoor green plants such as pothos and spider plants, nutrient-rich soil provides an optimal growing environment, ensuring robust plant growth, vibrant blooms, and extended flowering periods.

Vegetable and Fruit Cultivation

When growing strawberries, cherry tomatoes, lettuce, and other fruits and vegetables at home, nutrient-rich potting soil provides ample nourishment and optimal growing conditions. This helps boost yields and enhance quality, allowing people to enjoy fresh, green produce.

Landscape Architecture

Flowerbed and Border Arrangement

In flower beds and borders located in parks, plazas, streets, and similar settings, the use of nutrient-rich soil promotes uniform and vigorous plant growth, rapidly creating beautiful landscape effects and enhancing the aesthetic appeal of the environment.

Nursery Stock Production

In nursery cultivation, nutrient-rich soil provides seedlings with an optimal foundation for growth, promotes root development, enhances survival rates and growth rates, and produces high-quality seedlings for urban greening and landscaping projects.

Agricultural production

Seedling cultivation

In the large-scale seedling propagation of vegetables, flowers, and other crops, nutrient-rich soil provides ideal conditions for seed germination and seedling growth. This results in robust, uniformly developed seedlings that are easier to manage and transplant, thereby enhancing both the efficiency and quality of seedling production.

potted plants

For certain potted cash crops, such as potted citrus and grapes, nutrient-rich potting soil can meet their growth requirements, facilitate transportation and sales, while also aiding in pest and disease control, thereby enhancing crop quality and economic returns.

Other fields

Green Roofs

In rooftop greening projects such as rooftop gardens and rooftop vegetable gardens, nutrient-rich soil is lightweight and possesses excellent water and nutrient retention properties. It provides optimal growing conditions for plants within limited space while reducing the load on the roof, achieving both greening and beautification effects.

Soilless cultivation

Nutrient soil is one of the key substrates in hydroponics, serving as an alternative to traditional soil to provide plants with support and nutrients. It is widely used in the hydroponic cultivation of vegetables, flowers, and other crops, offering advantages such as cleanliness, hygiene, and high efficiency.



HuanLei Organic Fertilizer

Product Introduction

Our company is a large-scale comprehensive fertilizer enterprise integrating R&D, production, and sales of organic fertilizers, bio-organic fertilizers, compound microbial fertilizers, water-soluble fertilizers, and compound fertilizers.

Our company's organic fertilizer products are sold throughout Hubei Province and surrounding regions, with over 1,000 sales outlets. Annual sales of various branded fertilizers total 300,000 tons. These products have earned high praise from users and received multiple honors, including being named a Trusted Product by Hubei farmers for consecutive years and a 315 Trusted Brand.

The company has specially engaged soil, vegetable, and forestry fruit experts to provide professional technical guidance to our extensive user base. For years, our leadership and entire staff have regarded quality as paramount, adhering to the principle of serving agriculture with sincerity. We prioritize quality, uphold customer-first values, and consistently practice quality-driven technology and service. Through relentless innovation and proactive advancement, we strive to earn your recognition with superior quality and professional service.



Promote the new fertilization concepts of "reducing fertilizer use while increasing efficiency" and "nutrient-based plant protection"!

Advantages of Huanlei Organic Fertilizer

Supplement soil organic matter

Huanlei Organic Fertilizer contains highly efficient microbial communities that activate atmospheric nitrogen and break down insoluble phosphorus and potassium nutrients for release. It replenishes soil organic matter and slowly releases essential nutrients required for crop growth.

Soil Sisters Fertilizer Clan using Huanlei Organic Fertilizer suppresses disease development.



Fruits grown with Huanlei organic fertilizer exhibit vibrant colors and high sugar content.



Fruits not treated with Huanlei organic fertilizer exhibit inconsistent sizes and are accompanied by fruit set issues.

Sweet melons and fragrant fruits enhance sweetness and color.

Using Huanlei Organic Fertilizer effectively enhances fruit quality, promotes nutrient absorption in plants, balances nutrients within crops, improves internal fruit composition, increases sugar content and levels of various beneficial components. Vegetable leaves grow uniformly, melons and fruits develop consistently in size, with vibrant colors and excellent coloring.

Comparison of Huanlei Organic Fertilizer and Uncomposted Manure on Cucumbers



Cucumbers thrive when using Huanlei organic fertilizer.



Using uncomposted manure results in stunted crop plants.

Comparison of Huanlei Organic Fertilizer and Uncomposted Manure on Cucumbers



Comparison of Huanlei Organic Fertilizer and Uncomposted Manure on Cucumbers



Using Huanlei Organic Fertilizer for Excellent Moisture Retention in Wheat Promotes Well-Developed Root Systems



Using chemical fertilizers for moisture retention yields poor results, resulting in short and sparse wheat root systems.

Comparison of Huanlei Organic Fertilizer and Chemical Fertilizer on Wheat



Wheat leaves remain tender and green with vigorous growth when using Huanlei organic fertilizer.



The use of chemical fertilizers causes yellowing of leaves and stunted growth in wheat.

Comparison of Huanlei Organic Fertilizer with Farmyard Manure



品相对比



长势对比



二质对比



Use Huanlei Organic Fertilizer

Use farmyard manure



长势对比



品相对比



根系对比



Use Huanlei Organic Fertilizer

Use farmyard manure

Rich in organic matter Loose and well-aerated to prevent soil compaction

Promotes the formation of crumb structure, retains water and nutrients while ensuring good aeration and preventing soil compaction.

Permeable
water
supply

Clean and
odorless

Rich in
organic
matter





拓美国际供应链有限公司

TOP MAY International Supply Chain Trading Co., Ltd.