

**BIOTECHNOLOGY
AND INNOVATION**



WWW.VIONAORGANICS.COM

ORGANIC FERTILIZER



**WE
ARE
HERE
FOR**

Farmers, Greenhouse growers, Municipalities, Golf areas, Wineries, Householders, Rangers

Empower Your Soil!

Enhancing Plant Growth in Agriculture

The focus on enhancing plant growth and nutrients availability underscores their crucial role in agriculture.

These actions can lead to higher yields, better-quality produce, improve soil health, and making them essential in plant cultivation!







Our Story

At Viona Organics, we are more than just a company; we are a commitment to nurturing the Earth's vitality. Through extensive research and innovation, we produce 100% organic fertilizer with the highest quality. Our mission is to reduce waste, enhance life quality, and promote food security. As pioneers in sustainable agriculture, we empower communities to cultivate a greener, more abundant world.

Join us on this journey to make a positive impact on the planet.

Our Novelties



Soil Biology

Transforms biological life in soil within 2 years of use, aiding in the absorption of non-soluble materials and NPK.



Pest Protection

Reinforces plants against pests by promoting nitrogen formation



Plant Resistance

Enhances resistance to frost, dehydration, and drought conditions.



Plant Growth

Boosts plant and crop growth by 30-40% and increases non-absorbable I, M, P, K, C.



Comprehensive Growth

Stimulates root, stem, and branch growth, improves flower and seed formation, and enhances nutritional quality and production by 35%.



Mineral Increase

Raises levels of non-absorbable iron, manganese, phosphorus, potassium, and calcium.



At the Viona Organics, we strive to meet customer needs with exceptional support, high interest, affordable pricing, and sustainable solutions. Our company's vision is to produce the most natural-based organic fertilizer in North America.

- Improvement in soil desalination
- Improvement in water absorption efficiency and storage capacity
- Reducing soil acidity
- Reducing water consumption in dryland farms
- Protects crops and trees against pests and diseases.
- Contains natural microorganisms and Azotobacter

Beneficial Impacts of Our Organic Fertilizer





Why Viona Organics?

Effective for Soil Improvement:

Rapidly adjusts soil pH and enhances ecosystem service efficiency. Improves soil texture, increasing water retention capacity. With Viona Organics fertilizer, there's no need to add beneficial microorganisms, as it boosts bacterial and fungal activity in the soil, allowing it to retain water longer.

Boosts Water Retention & Microbial Activity

Enhances soil texture for better water retention and increases beneficial bacteria and fungi. Provides and boosts plant health naturally for beginner organic producers.

Natural and Eco-Friendly Ingredients

Feedstock contains only natural components to enhance soil fertility and maintain the soil's natural balance

Carbon Boost

Facilitates a rapid increase in Soil Organic Carbon (SOC) content, promoting healthier soil and improved fertility. This enhancement supports sustainable agricultural practices and boosts overall soil health.

Balanced


Viona Organic fertilizers maintain soil equilibrium by refraining from depositing artificial compounds, thereby preserving its natural balance.

Higher Yields

Increases yields, resulting in better income for farmers. This leads to greater financial returns from their crops.

Cost Effective

Viona Organics provides affordable solutions to increase crop production outputs, leading to greater income for farmers

A vibrant green field under a blue sky with white clouds, with a barn visible in the distance.

**Enrich your soil:
Boost Water
Efficiency,
Reduce Acidity,
and Protect
Crops Naturally!**

The Viona Organic Fertilizer enhances plant rhizogenesis life cycles nearly eight times more than control plants (non-fertilized). During advanced stages of root growth, as rainfall decreases, moisture in the soil transfers to the plant, significantly reducing its water requirements. Increased rhizogenesis not only impacts water uptake but also promotes proper soil aeration, making it soft and permeable. This improved soil structure allows roots to penetrate more deeply, accessing nutrients and moisture more effectively. In dry regions like California and the southern USA, optimal organic matter levels in agricultural soil are about 2%. In contrast, Viona Organic Fertilizer contains around 16% water-soluble organic matter, which transforms the soil into a spongy medium that retains moisture. This unique characteristic significantly reduces water consumption for plants using this fertilizer, leading to lower water usage in agriculture. As a result, farmers can achieve healthier crops while conserving precious water resources, making it an essential tool for sustainable farming practices in arid climates.



Roots Engineering

**Maximizing Soil Health and Reducing
Water Usage**



Pests and Diseases

The Power of Resilient Plant Fertilizers

Enhancing Plant Health & Disease Resistance for Robust Growth and Crop Protection

Strong and healthy plants are more resilient against diseases. Our fertilizer helps maintain plant and tree health, making them resistant to most common pests and diseases. For example, in pistachios, our fertilizer provides resistance against diseases such as aflatoxin, common pistachio psyllid, pistachio red long-horned beetle, and harmful ages of pistachio. The materials in the fertilizer is absorbed by the roots and plant stems, acting like antibiotics. Additionally, it increases plant resistance to pathogens, supports plant growth and development throughout its lifecycle, and prevents pests and diseases such as Alternaria in tomatoes and Fusarium in cucumbers.



Spring Frost

The organic matter in The Viona Organic fertilizer is completely soluble in water. This solubility allows the fertilizer to be absorbed by the leaves and blossoms of trees. Recent experiments have shown that spraying a soluble form of this fertilizer for trees. In spring it can induce the formation of glycine, acting as antifreeze in agricultural terms, and protecting blossoms against spring frost.



Desalinization

The Viona Organics fertilizer contains sufficient levels of Zinc. is a crucial micronutrient for plants, absorbed as a divalent cation (Zn). This element is either used as part of the structure of enzymes or acts as regulatory cofactors in a large number of enzymes. Zinc has been used in plants in the construction of minimum four enzymes: carbonic anhydrase, alcohol dehydrogenase, superoxide dismutase and polymerase. This element is essential for the production of indoleacetic acid. Deficiency of this element also inhibits protein synthesis and carbohydrate metabolism. Plasma membrane permeability is also increased in plants with zinc deficiency, leading to the removal of potassium, nitrate and organic compounds from the root cell.





Boosting Plants Abiotic Stress Resilience

with Viona Organics Fertilizer

Enhancing Salinity Tolerance and Nutrient Efficiency for Healthy Plant Growth

Potassium and Phosphate in our fertilizer:

Increasing the concentration of potassium in the soil solution increases the tolerance of plants to salinity stress. However, even under conditions of low water availability, an increase in potassium concentration, at high salinities (15ds/m), enhances plant tolerance. The role of Zinc in the plants is 10% and the role of K in the plants is 23%.

Function and role of Potash in plan:

Potash contributes to the quality of the fruit and the formation of protein in the fruit and reduces diseases in the plant. Potash helps ornamental plants to flower and fruit trees to enlarge and make the fruit colorful.

Symptoms of potash deficiency:

Due to the shortage of potash, the margins of the lower leaves will turn yellow and burn over time and expand upwards.

Function and role of phosphorus in plan:

Phosphorus is crucial for the proper process of photosynthesis in plants and plays a significant role in root development and flower production.

Symptoms of phosphorus deficiency:

Phosphorus deficiency results in shrinkage of young leaves and weakening of terminal buds, leading to reduced plant growth.



Partner With Us

Unlock the Potential of Your Soil with Viona Organics **Custom Organic Fertilizer Solutions for Maximum Yield and Profitability**

At Viona Organics, we're dedicated to help you achieve healthier soil, higher yields, and sustainable farming success. Our custom organic fertilizer solutions are designed to meet the specific needs of your farm, ensuring both immediate and long-term benefits. We offer more than just fertilizer—we partner with you to grow your success.

How Our Partnership Works

Consultation & Soil Analysis

We start by assessing your soil, crops, and environmental conditions to understand exactly what your land needs.

Tailored Fertilizer Solutions

Based on our analysis, we create a custom organic fertilizer blend designed to boost your crop yields and enhance soil vitality.

Continuous Support

Our team will be with you throughout the growing season, providing expert guidance to ensure optimal results.

Profit-Sharing Model

As you sell your products, we share in the success, aligning our interests and fostering a win-win partnership.



Cultivating Success Our Commitment to Organic Fertilization and Sustainable Growth

Organic Fertilization Expertise

With years of industry experience, we know how to maximize yields through high-quality organic fertilizers.

Sustainable Soil Health

Our solutions not only improve your crops but also promote long-term soil health, ensuring future success.

Mutual Growth

Our unique profit-sharing model guarantees shared success. As your sales grow, so does your profit—and ours.

Guaranteed Results

- Increased Yield
- With our custom fertilizers, expect a substantial boost in crop productivity, giving you more to sell and increasing your revenue.
- Profit Growth
- Our partnership ensures you achieve higher returns, making your investment in organic farming both rewarding and sustainable.

Let's Grow Together

Partner with Viona Organics to unlock the full potential of your farm. Together, we'll enhance your soil, increase your profits, and ensure long-term success. Contact us today to learn more about our partnership opportunities.





Stouffville, Ontario, Canada



Growing Season



ROOTED IN NATURE, GROWING WITH PURPOSE!



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