

# FORTIROOT

SUSTAINABLE SOIL SUPPLEMENT

PRODUCT & TECHNICAL INFORMATION

Version - June 2024



**Natural Aspire**  
TURNING ASPIRATIONS INTO REALITY

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# DISCOVER OUR STORY

Natural Aspire is redefining the future of farming with sustainable solutions that are essential to modern agriculture. Whether you're operating a conventional, organic, or hybrid farm, our globally trusted soil amendments, specialty fertilizers, and non-toxic pest control products are designed to meet the needs of every farming approach.

We don't just restore depleted soils – we elevate productivity. Our science-driven innovations empower farmers to reduce input costs, increase yields, and nurture healthier land for generations to come.



# FORTIROOT

## Product Description

Natural Aspire Fortiroot is an all-natural product derived from sustainable materials and performs many varied functions for your crops. Fortiroot increases crop yields and health – Fortiroot helps your plant's own defense systems, reducing loss to disease and parasitic nematodes.

Apply Fortiroot as a soil drench before planting any crop. For crops such as wheat, barley, canola, and other grains; potatoes, tomatoes, and peppers – apply Fortiroot before planting and as a foliar spray during the growth cycle to prevent many common plant pathogens.

Fortiroot, as a soil amendment, chelates nutrients and minerals for plant uptake – and can replace many toxic synthetic farm inputs.

## Benefits of Use

- Fortiroot protects crops from a wide range of common pathogens – bacteria, fungi, and viruses.
- Fortiroot, as a seed treatment, will enhance the germination index and increase early shoot growth.
- Fortiroot activates a plant's natural defenses.
- Fortiroot holds nutrients in the root zone and reduces runoff.
- Fortiroot increases crop yields and quality, increasing farm profits.
- Fortiroot is an essential part of a sustainable farm program.

Nurture  
Elevate  
Flourish





# Application & Usage Guidelines

- As a seed and bulb treatment – use a 1% solution of Fortiroot to wet seeds or bulbs thoroughly.
- As a soil drench – use a 2% solution to wet the entire field 1 week pre-planting.
- For row crops at planting – 2-4 litres per acre in-row at planting, diluted at least 50:1.
- As a foliar spray on crops – 1-4 litres per acre, every 4-8 weeks, diluted at least 50:1.

## Storage, Handling and Usage

- ***Shake or agitate product before use.***
- Fill daytank with amount of water for dilution first, then add measured amount of Fortiroot.
- Store out of sunlight in a cool dry area. Do not freeze.
- Close container securely after each use.
- Do not store diluted product. Apply all diluted product within 24 hours.
- Perform all foliar applications in early morning or late afternoon. Do not apply in heat of day.

## Sizes

Products are sold in the following sizes:

- 55 Gallon Drum
- 275 Gallon Tote
- 20 Foot & 40 Foot Containers



# FROM NATURE TO YOU

Fostering Natural Abundance For A Sustainable Tomorrow.

Our expert agricultural guidance is tailored to the specific needs of each client, ensuring healthier soil, stronger root development, and higher crop yields. Whether you're looking to improve soil fertility, enhance plant resilience, or optimize nutrient management, we provide science-backed solutions for sustainable and productive farming.

Contact us today to cultivate success!

## Application Guidelines

For optimum uptake of nutrients into the plant, the following guidelines should be followed

## Application

### DIRECTIONS FOR USE

1. Agitate concentrated product in container well before dispensing. For smaller containers – 1 gal and 5 gal – shake container well. Larger containers – 30 gal, 55 gal, and 275 gal – use an approved powered agitator.
2. Add measured amount of product last to tank filled with proper amount of dilution water.
3. This product is natural and contains suspended solids. Before application, pour product through a screen finer than or equal to the diameter of the spray nozzle on the equipment.
4. Always wear rubber gloves and eye protection when handling or dispensing product.
5. Consult individual Natural Aspire product MSDS for any further specific safety data.

### TANK MIXING COMPATIBILITY

Natural Aspire products are compatible with most, but not all, pesticides. We cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volume of water used.

## Guaranteed Analysis

Poly-d-glucosamine	2%
Organic Vinegar	1%

## Derived From

Processed crustacean carapaces, certified organic vinegar

## Application Equipment Information

### COMMERCIAL & INDUSTRIAL SPRAYERS

Newer models of commercial sprayers are equipped with multiple screens and are primarily designed for pure liquid products, not those containing organic matter. To ensure smooth application:

- You may need to remove all spray nozzle filters.
- Use larger tip sizes on the nozzles.
- Use larger strainers on the main filter.
- Alternatively, before application, filter the product through a screen that is as fine as or finer than the spray nozzle diameter.

### FERTIGATION SYSTEMS

For optimal integration, install a direct injection pump to siphon Natural Aspire products into the irrigation line efficiently.

### BACKPACK SPRAYERS

- Dedicate a separate backpack sprayer exclusively for Natural Aspire products.
- Keep it thoroughly clean, especially when using Vitalis and PureGraze, due to their high organic matter content.
- Before application, filter the product through a screen that matches or exceeds the spray nozzle diameter.

### DRIP IRRIGATION & SPRINKLER SYSTEMS

Natural Aspire recommends Dosatron injectors for efficient application across various irrigation systems, including:

- Large commercial greenhouses
- Golf course irrigation
- Home irrigation systems

#### NOTE

Due to the high organic matter in Elementa, it is necessary to clean your sprayer after use.

## Agitation

- For a tote (IBC) use a 2" hose and water pump which is able to handle small particle sizes. Attach to the valve of the IBC (1000L / 275 gal) tote and circulate into the top opening for 5min or longer in cold weather conditions.
- For a 55 gallon drum, use a folding drum agitator attachment for a hand held drill.



# Natural Aspire

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## A



## Company

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