

## E.C.I. FIBER-GEST

### Enriches Soil

A powder that disperses water deeper and more evenly in the root system. It softens up the soil and is great for flushing excess salts from the root systems keeping your dirt healthy and happy.

### Feed Additive

An organic feed additive, that supplies a natural source of saponins, derived from the Yucca Schidigera plant. These functional nutrients support immunocompetence and gut integrity for optimal animal performance in regards to positive effects on fecal moisture content, ammonia emissions, productive performance, blood profile, and antioxidant enzyme activities in livestock.



## E.C.I. PIT TREATMENT

**Controls Odors / Reduces Waste / Increases Profit**

Nature's own way for a cleaner environment. It is a biodegradable liquid that will increase bacterial breakdown of organic wastes and control odors at the same time.



A family owned and operated business that has been serving the Agriculture Industry for over 40 years! We are dedicated to a cleaner way of farming, striving for sustainability, enhancing soil fertility and boosting plant nutrition naturally!



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Industry for over 40 Years!*

## **E.C.I. SEED TREATMENT**

**Enhances Root System /  
Natural Surfactant /  
Increased Yield**

A natural wetting agent containing natural complex sugars, which is a stable carbon source for plant growth, giving the seed a natural protective coating to help protect against the elements, stimulating microorganisms in the root zone, promoting a stronger root system and enhances growth.



## **E.C.I. FOLIAR**

**Nutrient Spray / Spreader /  
Sticker / Retention/Absorption**

A natural surfactant, enhancing plant cell permeability and water absorption, enabling plants to use water more efficiently. The saponins depolarize water molecules and make them penetrate soil surface, plant cell walls and root zones more effectively. Plants are more easily able to absorb essential elements through their leaves.



## **E.C.I. GARDEN BLEND**

**Root Growth/  
Increased Flowering/  
Enhanced Yield**

Great for fruit, vegetable and flower plants, helping with water and nutrient absorption while acting as a plant protection agent. It will improve root growth, flowering and induce resistance to pests and disease.



Our product contains Yucca plant extract which has a wide array of beneficial properties for plant growth. It is environmentally friendly and ideal for use on field, horticultural, and vegetable crops as well as fruit trees, turf, and ornamentals. As a natural surfactant, or wetting agent, our product enhances plant cell permeability and water absorption, enabling plants to use water more efficiently. Naturally occurring steroids, known as saponins, depolarize water molecules and make them penetrate soil surfaces, plant cell walls, and root zones more effectively, making this extract a great foliar spray.

Our Seed Treat/ Foliar also contains antioxidants that protect plants by reducing reactive oxygen species in the soil that are potentially harmful to plants. Our product also protects plant roots by dissolving mineral salt deposits that accumulate in water channels where root growth occurs. This allows plants to better absorb water and makes them more resilient when exposed to stressors such as heat and drought. Plants also become capable of withstanding more time between irrigation cycles as a result.

As a bio stimulant, yucca encourages rich soil and a vibrant ecosystem for plants. It contains complex sugars, providing a source of carbon for microbes that promote nutrients and plant growth and build resistance to pests and disease. As a result, yucca extracts have become a popular alternative to petroleum-based surfactants and chemical sprays such as chemical sulfates for the prevention and treatment of fungal diseases.

The ability of yucca to keep minerals and organics in suspension with each other in concentrated form makes it an excellent addition to concentrated nutrient formulas, especially when mixing mineral salts with organics. Sometimes the higher molecular weight organic molecules tend to settle out of solution. But if the solution contains yucca, a quick shake will disperse everything back into suspension for the perfect blend.

Please contact us if you have any further questions or inquiries and we will be happy to help.

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