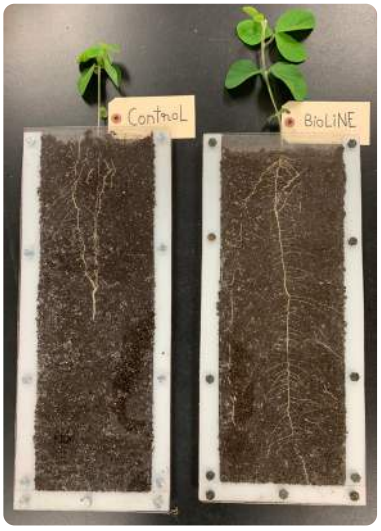
BioLiNE®
Science. Solutions. Success.

FULV-IQ®
Purity. Precision. Power.

Enhance Root Development with BioLiNE® Fulvic Acids

Root development plays a huge role in your crop's success from seed to harvest. Roots give the plant a sturdy base, provide nourishment, store food, and absorb water. Having a well-established root system leads to stronger plants, and ultimately greater yields.



Fulvic acid is found naturally in soils and has many benefits to improve root development. BioLiNE® Gold fulvic acid was given to the soybean plant on the left. The roots are larger and thicker compared to the control showing BioLiNE® Gold's ability to help develop a larger, more productive root system.

BioLiNE® - The key to robust, thriving roots

Trials conducted on canola consistently showed an increase in root development when treated with BioLiNE® Gold in well-watered and drought conditions.

BioLiNE® Benefits

BioLiNE® supports healthier plants with bigger root and shoot growth.

- **Highly potent**
- **Powerful complexing**
- **Improve emergence and early development**
- **Increase root hairs and branching**
- **Support enzymatic relationships**
- **Improve natural defenses**
- **Bolster water use efficiency**

Location:
BioLiNE Corporation
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Get The Most Out of Your Soil with BioLiNE®

Healthy soils create healthy plants. All nutrients are cycled through microbial processes in order to be available to the plant. Practices such as tillage, chemical applications, reduced rotations, and lack of food/ living root systems contribute to reduced biological activity, therefore, reduced soil health.

By adding BioLiNE® technology to your fertility and/or crop protection program, you are helping invigorate soil microbial populations. Microbial activity is a key indicator in soil health. These microbes help decompose organic matter into simpler forms, such as essential nutrients, which is vital for maintaining soil fertility. Certain bacteria produce acids during their metabolic processes, whereas others can help neutralize acidic conditions. The microbial influence on pH can provide a more balanced and suitable environment for crop growth. These microbes also aid in the formation of soil aggregates which create pore spaces and allow for better root penetration, water retention, and air exchange.

BioLiNE® Technology - Go-To-Tool

- **More robust, biological system**
- **Enhances the exchange of nutrients**
- **Increases soil's water retention capabilities**
- **Improves soil detoxification**
- **Prevents nutrient lock-up**
- **Promotes carbon cycling**
- **Support enzymatic reactions**
- **pH buffering capabilities**
- **Promotes electrochemical balance**
- **Improve soil exudate production**

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