

Sweeten Your Strawberries with BioLiNE[®] Gold

BioLiNE[®] Gold plays a vital role as a natural complexer, affecting bio-availability and distribution of nutrients, and influencing plant growth and overall yield. **BioLiNE[®] Gold Fulvic Acid** has been shown to protect crops facing abiotic stress conditions by strengthening the crop's natural defenses, improving transport and assimilation of nutrients, and increasing fruit production and size to maximize marketable yield. BioLiNE[®] Gold improves strawberry flavour by increasing the accumulation of Brix[°] sugar content.

Maximize your marketable yield, improve overall plant health, and increase your bottom line with BioLiNE[®] Gold.

Application Rates

BioLiNE[®] Gold is compatible with most agrochemicals, and can be mixed with fertilizers, fungicides, and insecticides for application.

- Apply a cumulative total of **2.5 - 4 L of BioLiNE[®] Gold** per season between June and October
- Fertigation: Mix 200 - 250 mL/acre of BioLiNE[®] Gold with fertigation solution every 2 weeks
- Foliar: Apply 200 - 250 mL/acre of BioLiNE[®] Gold with fungicides and/or pesticides and apply with each application (every 10 - 14 days)

Benefits of BioLiNE[®] Gold

- Maintain crop growth and yield
- Boost sugar content and taste
- Preserve yield loss against heat stress
- Enhance nutrient complexing and use efficiency
- Support photosynthesis
- Reduce oxidative stress
- Invigorate soil microbes and improve soil health



Yield loss often occurs due to environmental (abiotic) stress endured by crops throughout the growing season. Our technology is an effective crop management tool that helps prevent nutrient lockup to ensure nutrients are available when requirements are high, balance pH, and support microbial growth. This results in increased fruit production. Purified using our proprietary Fulv-IQ[®] process, BioLiNE[®] fulvic acids are an essential tool for any grower looking to maximize yields and quality of their crop.

Location:

BioLiNE Corporation
3971 Old Walnut Rd.
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Strawberry Trials Resulted in Improved Yield and Sugar

In the 2022 growing season, Maria Derkacz (HORTECH International, an independent research organization) conducted side-by-side field trials with three commercial strawberry growers in Ontario: Niagara (A), Haldimand County (B), and Elgin County (C).

Cultivar: Albion (day neutral) strawberry.

Growing systems and method of delivery used:

Site A: Planted in soil covered with plastic. Total of 2 L/acre of BioLiNE[®] Gold mixed at 150 ml/acre into fertigation solution every other week from June 11th to Sept 29th.

Site B: Planted in soil covered with plastic. Total of 4 L/acre of BioLiNE[®] Gold mixed with fertigation applied using overhead spray system at 250 ml/acre per spray. Applications were made between May 29th and Oct 1st.

Site C: Planted in rockwool and grown in a tunnel using a raised bed/tray system. Total of 2 L/acre of BioLiNE[®] Gold was applied as a foliar spray, tank-mixed with fungicide at 150 ml/acre per spray. Applications were made between June 16th and Aug 15th.

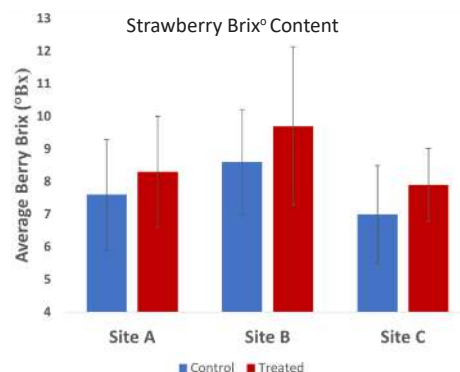
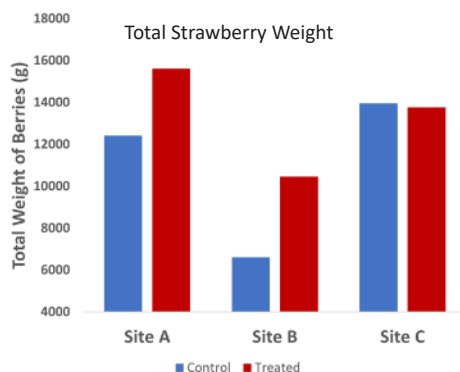
Increased fruit size when treated with BLG



Results:

Compared to the control, plants treated with BioLiNE[®] Gold showed an average increase of:

- 25% total harvestable fruit
- 27% total weight of berries harvested
- 5% average berry weight
- 11% Brix[®] sugar content
- 4% chlorophyll content



Sites A and B were more significantly impacted by heat stress. The results show that BioLiNE[®] Gold had a significant impact on ameliorating the impact of that heat stress and protecting yield loss. The BLG treated strawberries harvested from all three trials show significant improvements in sugar content as measured by the Brix.

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