

# Cotton



## BioLiNE® Gold Applied with Nitrogen

The preplant or at planting nitrogen application is critical for a good start and ensuring adequate nitrogen nutrition prior to side-dressing. Side-dress nitrogen should be made between first square and first bloom. A portion of the side-dress nitrogen can also be applied as foliar treatments or through irrigation systems. Nitrogen should not be soil-applied after the 3rd week of bloom. Studies showed that cotton roots are ineffective in uptake of soil-applied nitrogen after this critical point.

## BioLiNE® Gold Applied with Potassium

Foliar potassium application should be considered on deep sands (more than 18 inches to subsoil clay), low potassium soils, high magnesium soils, high-yielding conditions, short season varieties, and especially where severe potassium deficiencies and leaf-spot have been observed in the past. Apply two foliar applications (for example of 5 - 10 lbs/K<sub>2</sub>O) in each application during early bloom (first through 4th week of bloom). Foliar application of potassium with BioLiNE® Gold increases the fiber yield in cotton.

**When it comes to nutrient management in your cotton crops, BioLiNE® Gold is the go-to-tool in your toolbox.**



## Application Recommendations

- Apply BioLiNE® Gold at 300 mL (10 oz) per acre with all foliar or soil applied nutrients.
- May be applied with most foliar fertilizer, insecticides, herbicides, and fungicides.
- BioLiNE® Gold may be impregnated onto fertilizer added into liquid fertilizer.

## Southeast Cotton Nutrient Management with BioLiNE® Gold

Nitrogen is the most important fertilizer used on cotton, yet it is the most difficult to manage. Low nitrogen rates can reduce yield while excessive nitrogen rates can cause rank growth, boll rot, delayed maturity, difficult defoliation, and poor quality and yield. Adding BioLiNE® Gold to your fertility applications improves the transport and assimilation of nutrients ensuring that you get more from your fertility. Our BioLiNE® Gold is known for its compatibility with other inputs, and ease-of-use. With low usage rate requirements, our versatile solutions drive nutrients to your crops and help you balance your fertility against the pitfalls of excess nitrogen application.

Location:  
3971 Old Walnut Rd  
Alvinston, ON  
N0N1A0

Contact Us:  
[www.biolinecorp.ca](http://www.biolinecorp.ca)  
[info@biolinecorp.ca](mailto:info@biolinecorp.ca)  
519-847-5747

