

# BioLiNE<sup>®</sup> Corn Field Trials (NC, 2021)

## BioLiNE<sup>®</sup> Fulvic Acid Products- The GoTo Tool in Every Growers Toolbox

Our technology is a simple, effective and affordable tool for helping growers manage their crops. It improves the crops' nutrient use efficiency by enhancing the availability, transport and assimilation of nutrients. Our fulvic acids are an essential tool that growers can use to bolster their crops' natural defenses against key stress factors throughout the season. With more than 2 million acres treated, BioLiNE<sup>®</sup> is committed to providing value to our customers, and ensuring satisfaction through proactive engagement every step of the way.

## Fowler Crop Consulting Trials in North Carolina

Replicated field trials across three NC locations by Fowler Consulting support **claims that BioLiNE enhances nutrient use efficiency allowing growers to reduce and conserve 2-3 Gal of starter fertilizer without compromising yield.** The results showed improved yield and generated positive returns on investments under typical farm conditions and yields in NC. The following protocols were used in the Corn field trials (2021 season):

### Locations & Soil Types:

1. Bethel, NC (Exum Fine Sandy Loam, pH 6, 50" of rainfall)
2. Mount Olive, NC (Norfolk Loamy Sand, pH 6.1, 51" of rainfall)
3. Jackson, NC (Norfolk Sandy Loam, pH 6.2, 46" of rainfall)

### Four Replicates per Treatment:

1. Control: 15 Gal/acre of 17-17-0 fertilizer (applied 2x2)
2. BioLiNE Gold: 10 oz/ac in-furrow & 16 oz/ac foliar (twice)
3. BioLiNE Gold & Fertilizer: Combination of treatments 1 & 2



	Control	BioLiNE	BioLiNE + Fert.	
<b>Bethel, N.C.</b>	Yield (Bu/Acre)	103	124	
	Cost (\$/Acre)	37.20	50.31	
	Return (\$/Acre)		<b>68.09</b>	<b>102.39</b>
<b>Mount Olive, N.C.</b>	Yield (Bu/Acre)	155	163	
	Cost (\$/Acre)	37.20	50.31	
	Return (\$/Acre)		<b>18.59</b>	<b>30.89</b>
<b>Jackson, N.C.</b>	Yield (Bu/Acre)	231*	226*	229*
	Cost (\$/Acre)	37.20	13.11	50.31
	Return (\$/Acre)		<b>-3.41</b>	<b>-24.11</b>

Returns calculated based on a corn price of \$5.50/bushel

\* Yields of 230 bu/ac are exceptional to NC and difficult to improve on. Yields at Jackson location were 90 bu/ac above the state average of 120-140bu/ac.

### Location:

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