

# THE PROOF IS IN THE PROFIT



## NanoCS Dryland Corn Trial

Can treating your dryland corn crop with nanoparticle regenerative agriculture products improve your yields and ROI? Let's take a look.

### The Basics

Dryland corn in South Central Minnesota

2023 growing season

Applied 6 ounce/acre at a cost of **\$8.67/acre**

### Trial 1: Field 1 Dryland Corn Hybrid X

**12 Bu/acre**  
improvement in corn yield!

**\$43.33/acre** increase in profit  
*(assuming \$4.50/Bu)*

#### Dryland Corn Yield without NanoCS

Yield (bu/ac)	Moisture (%)	Acres
<b>223</b>	<b>18.8</b>	<b>0.835</b>
lbs (wet)	Flow (lbs/sec)	bu
<b>10,858</b>	<b>44.5</b>	<b>186</b>

#### Dryland Corn Yield Application of NanoCS

Yield (bu/ac)	Moisture (%)	Acres
<b>236</b>	<b>19.3</b>	<b>0.837</b>
lbs (wet)	Flow (lbs/sec)	bu
<b>11,603</b>	<b>47.6</b>	<b>198</b>

### Trial 2: Field 2 Dryland Corn Hybrid X

**14 Bu/acre**  
improvement in corn yield

**\$54.33/acre** increase in profit  
*(assuming \$4.50/Bu)*

#### Dryland Corn Yield without NanoCS

Yield (bu/ac)	Moisture (%)	Acres
<b>200</b>	<b>17.7</b>	<b>1.089</b>
lbs (wet)	Flow (lbs/sec)	bu
<b>12,498</b>	<b>43.4</b>	<b>217</b>

#### Dryland Corn Yield Application of NanoCS

Yield (bu/ac)	Moisture (%)	Acres
<b>212</b>	<b>17.3</b>	<b>1.089</b>
lbs (wet)	Flow (lbs/sec)	bu
<b>13,234</b>	<b>47.5</b>	<b>231</b>

# THE RESULTS

So, can a single crop treatment improve your yields and ROI?

<b>Field 1: Increase in Profit</b>	<b>\$43.33</b>
Crop Treatment Cost	<b>\$8.67</b>
ROI	<b>\$4.99</b>
	per \$1.00 invested

<b>Field 2: Increase in Profit</b>	<b>\$54.33</b>
Crop Treatment Cost	<b>\$8.67</b>
ROI	<b>\$6.27</b>
	per \$1.00 invested

## NanoCS™ Starter Enhancer

NanoCS crop starter enhancer utilizes a robust combination of Aqua-Yield® NLT-D technology, balanced NPK, and zinc in one easy-to-use product. It provides robust plant and seedling vigor, improved emergence, and better establishment.

## How NanoCS Works

NanoCS delivers essential nutrients into the seed for rapid germination and growth. Continued uptake occurs in young seminal roots, improving the amount of nutrients getting into the young seedling for quicker emergence.



## SOIL SPEAKS, WE LISTEN.

Get in touch with us to see how regenerative ag products can improve your yields and ROI.



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