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Powered by  
**OPUSMAX™**

The secret to  
root system





A healthy start can help give your flowers, fruits, and leafy greens vitality from the very beginning.



## WHAT IS NUTRIVIX™ Zn | Cu?

**NUTRIVIX Zn | Cu** is a micronutrient comprised of zinc and copper, critical components in plant physiological processes and robust root development.

The Verano365 formula is powered by **OpusMAX**. OpusMAX creates a powerful synergy with horticultural inputs, and third-party research validates that the proprietary platform creates an amplification of associated benefits. In NUTRIVIX Zn | Cu, OpusMAX allows for low use rates to reach maximum benefits of these micronutrients.

### What if you could reduce shrink?

In a recent study, 11 large U.S. growers who produced seedling plugs and rooted cuttings, reported that the average shrink per firm was **9.23%** of units, with the largest losses recognized in seedling plugs (**14.98%**) and rooted cuttings (**11.63%**).

\* Source: [http://www.actahort.org/books/1132/1132\\_22.htm](http://www.actahort.org/books/1132/1132_22.htm)

#### **NUTRIVIX Zn | Cu is comprised of:**

- 0.7% Soluble Copper (Cu)
- 7% Soluble Zinc (Zn)
- Powered by OpusMAX formulation technology

#### **Easy application instructions:**

NUTRIVIX Zn | Cu is designed to be applied as a soil drench, drip or through hydroponic delivery systems. Do not use as a foliar spray.

## Why choose NUTRIVIX™ Zn | Cu?

To start the season strong, growers need hearty seedling plugs and rooted cuttings and a plan to nurture hardy root development while mitigating stress.

Enter NUTRIVIX Zn | Cu. Applying our zinc-copper micronutrients powered by OpusMAX puts young ornamental and produce plants on the path to early vigor. Zinc and copper each play critical roles in how plants develop—from carbohydrate metabolism, to building enzymes and proteins, to creating chlorophyll—the combined impact of these nutrients is amplified with our OpusMAX technology and can enhance color vibrancy in flowers and taste in produce.

When NUTRIVIX Zn | Cu is incorporated early, it can help ensure healthier outcomes.

**To learn more about NUTRIVIX Zn | Cu, contact us:**

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**Phone Number:** 469.768.4311

# Unlock the secret to sparking strong root systems and staving off stress in your plants.

## Critical micronutrients as building blocks for healthy beginnings

Zinc and copper play roles in dynamic plant processes that guide overall health. Combined, our NUTRIVIX Zn | Cu liquid ionic solution can turn on a powerful plant protection agent, **superoxide dismutase** (SOD). The SOD enzyme sponges free radicals and protects chloroplasts and membranes of the cell—acting as the ultimate stress reducer, amplifying plant health.

### What can a Superoxide Dismutase (SOD) do?

- A single SOD molecule can perform more than 1,000 chemical reactions per second in a cell
- Stress conditioning will keep plants green longer & recover faster from abiotic stress
- Protects against heat and UV stress
- Defends against drought stress
- Staves off salt stress

## NUTRIVIX Zn | Cu works at low rates because it's supercharged with OpusMAX.

Rate titration research has shown that application of just **2 ml/gallon** of NUTRIVIX Zn | Cu can yield substantial root mass and flower bud results.

Zn|Cu  
**NUTRIVIX**

Powered by  
**OPUSMAX**



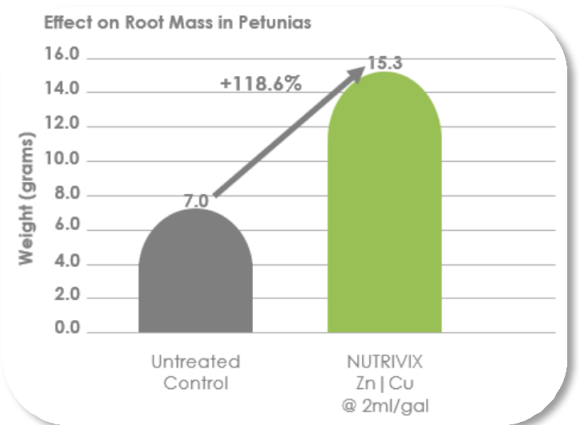
Source: Verano365 Internal Trials, 2020



Untreated Control (L)



NUTRIVIX Zn | Cu @ 2ml per gallon (R)



### Root Mass Results

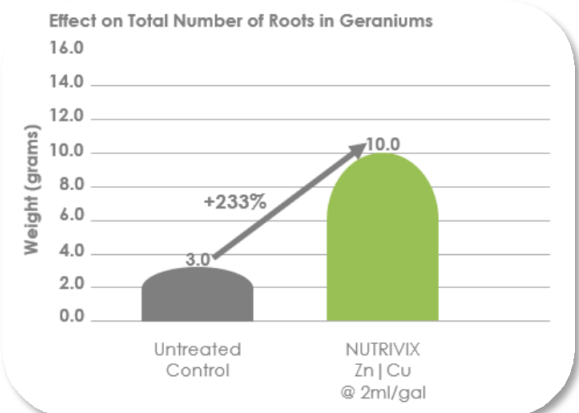
## NUTRIVIX Zn | Cu for Geranium Propagation

### 23 Day | 1 Treatment Trial

**Geraniums putting down roots**  
Our technical team conducted internal trials to test NUTRIVIX Zn | Cu on geranium cuttings. In a 3-week trial with 32 cuttings, NUTRIVIX Zn | Cu at 2 ml/gallon sharply increased the number of total roots by 233%.



Source: Verano365 Internal Trials, 2020



### Root Number Results



Recruit nutrients and troubleshoot transplant shock with better roots for healthier, more resilient crops.



Untreated Control (L)

NUTRIVIX Zn | Cu @ 5ml per gallon (R)

### NUTRIVIX Zn | Cu in Saint Augustine Turfgrass 7 Day | 1 Treatment Trial

#### From growing pains to root gains

During the 2020 shelter-in-place orders, we tested NUTRIVIX Zn | Cu on Saint Augustine sod to see if we could pass the time by watching grass grow. In a 7-day trial with only a single 5 ml per gallon treatment, there were visible results. Sod producers will witness quicker, more aggressive rooting. The NUTRIVIX Zn | Cu treated Saint Augustine showed an uptick in the overall number of roots, and the roots were longer as compared to the control.



#### Visible Root Development Vigor

- Increased number of roots
- More aggressive rooting
- Longer roots

Source: Verano365 Internal Trials 2020

### NUTRIVIX Zn | Cu in Lettuce

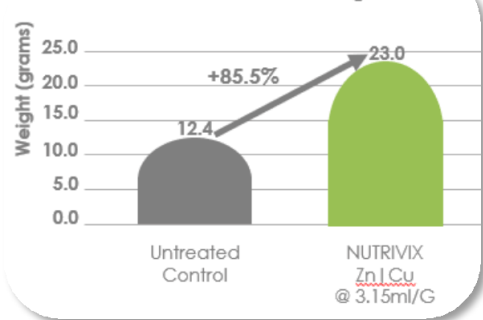
Third-party research on the effect of Nutrivix Zn | Cu on lettuce showed benefits ranging from root mass to overall plant mass.



- 123% Increase in Shoot Mass
- 103.3% Increase in Total Plant Mass
- 85.5% Increase in Root Mass
- 54.7% Increase in Unrolled Leaves

Sources: Syntech Research, 2020

Effect on Root Mass in Lettuce in Potting Mix



Source: Syntech Research, 2019



To learn more about NUTRIVIX Zn | Cu:  
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