



# COLLOIDAL SEA MicroPro MacroMag

This study focused on assessing the effectiveness of NanoCrop, ColloidalSea, MacroMag, and MicroPro products in citrus cultivation.

## Key Takeaways:

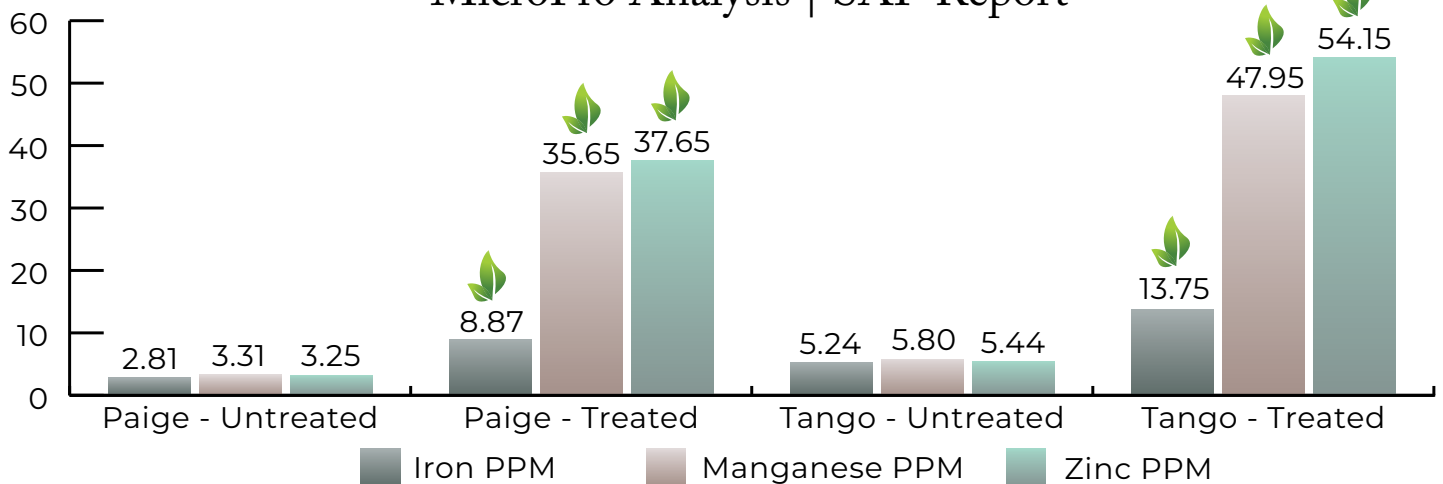
- **Tank Mixing Compatibility:** Successful tank mixing with various components, demonstrates product versatility.
- **Nutrient Enhancement:** Notable increase in essential nutrient levels, indicating efficacy in improving the nutritional profile of citrus crops



## Study Factors:

- **NanoCrop Application Ratio:** Applied at a rate of 1 quart per 100 gallons as a surfactant.
- **Micronutrients Usage:** Test plots received three treatments with ColloidalSea, MacroMag, and MicroPro at a rate of 1 quart per acre.
- **Use Guidelines:** Always adhere to label instructions for optimal results.

## MicroPro Analysis | SAP Report



## MicroPro Performance Analysis

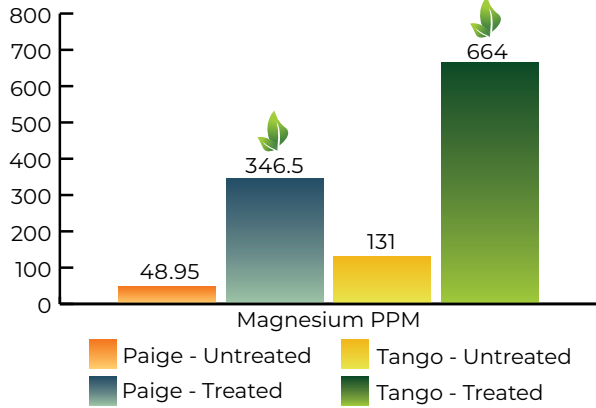
The SAP analysis report demonstrated a significant increase in essential nutrients like Iron, Manganese, and Zinc across both test plots. The Paige plot showed remarkable increases, with **Iron rising by 215%**, **Manganese by 977%**, and **Zinc by 1057%**. These results underscore MicroPro's effectiveness in enhancing the nutritional status of citrus plants, essential for healthy growth and optimal fruit production.

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### MacroMag Analysis | SAP Report



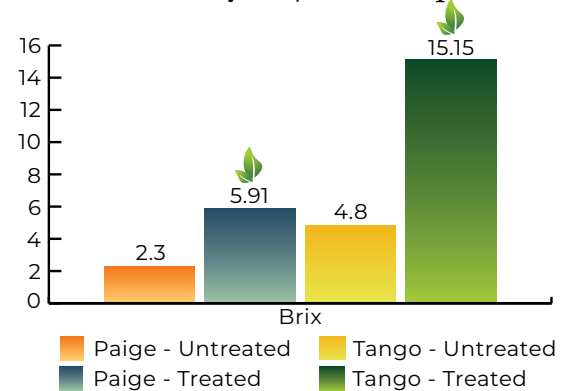
### MacroMag Performance Analysis

MacroMag proved to be highly effective in supplying plants with essential Magnesium. **The SAP report revealed a substantial boost in Magnesium levels, with the Paige plot experiencing an increase of over 607%, and the Tango plot seeing an increase of over 406%.** These results clearly demonstrate MacroMag's exceptional ability to enhance the magnesium content in citrus plants, contributing to overall plant health.

### Brix Analysis

The SAP report also highlighted a significant increase in Brix levels across the treated plots, which is a key indicator of fruit quality. **The Paige plot saw an increase of over 156%, while the Tango plot experienced a 216% rise in Brix content.** Higher Brix levels are crucial for ensuring exceptional fruit quality and boosting market value, paving the way for a prosperous and bountiful harvest season.

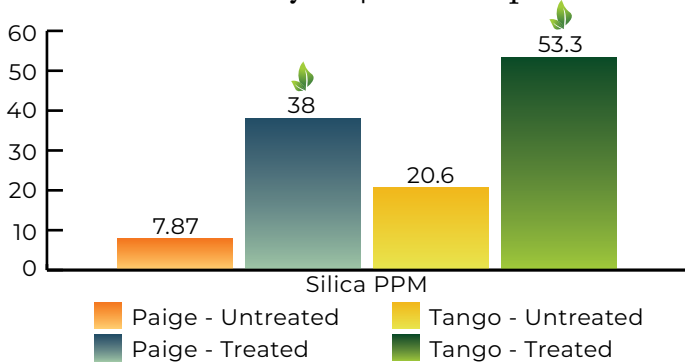
### Brix Analysis | SAP Report



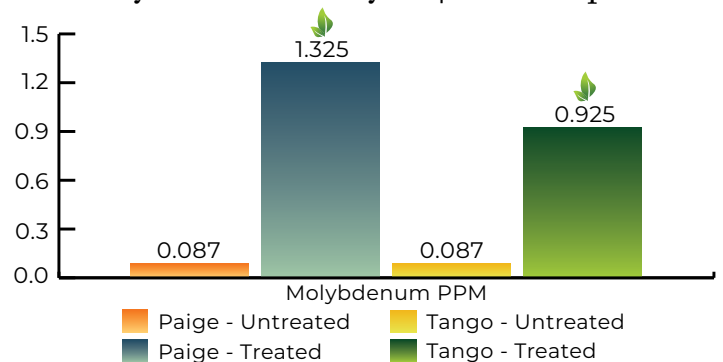
### Role of NanoCrop as a Surfactant

Incorporating NanoCrop as a surfactant significantly enhanced the performance of other inputs, boosting their effectiveness. The combination of NanoCrop and ColloidalSea led to remarkable increases in nutrients, with both the Paige and Tango blocks showing surges of over 900% in Silica and Molybdenum levels.

### Silica Analysis | SAP Report



### Molybdenum Analysis | SAP Report



### Conclusion

The results of this study strongly support the integration of NanoCrop, ColloidalSea, MacroMag, and MicroPro into citrus cultivation practices. These products not only improve the nutrient profile of citrus plants but also enhance fruit quality, offering a promising avenue for farmers looking to boost crop quality and yield.