2025 Indiana Zinc Foliar Tissue Analysis Trial Summary

Two on-farm trials were conducted by a grower in South Bend, Indiana, to evaluate the efficacy of Zn Ace (zinc acetate) as a foliar zinc source. A 1 quart per acre application of Zn Ace was applied to two separate fields. Tissue samples were collected from both fields on 6/24, prior to application, and again one week post-application. All tissue samples were washed after collection prior to testing.

In Field 1, the initial tissue zinc concentration was 31 ppm. One week after treatment, the concentration increased to 56 ppm a **93% increase**. In Field 2, zinc levels rose from 29 ppm to 107 ppm following application, representing a **245% increase**.
These results highlight the effectiveness of zinc acetate in rapidly elevating tissue zinc levels with a low application rate. The trials demonstrate the efficiency of CultivAce acetates as a delivery system for micronutrients.

Powered by AFN Technology

ZnACE

TRIAL DETAILS

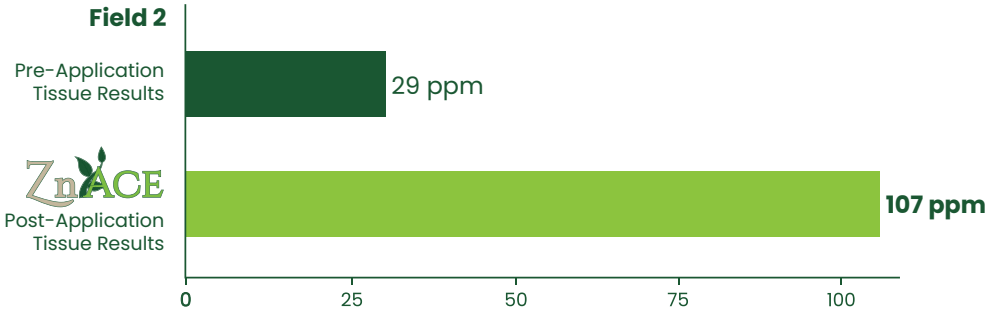
Crop: Corn
Growth Stage: V8 - V11
Location: South Bend, IN
First Tissue Sample Date: 6/24/2025
Application Date: 7/4/2025
Tissue Sample Date: 7/9/2025
Field 1: (74.13 acres)
Field 2: (169.64 acres)

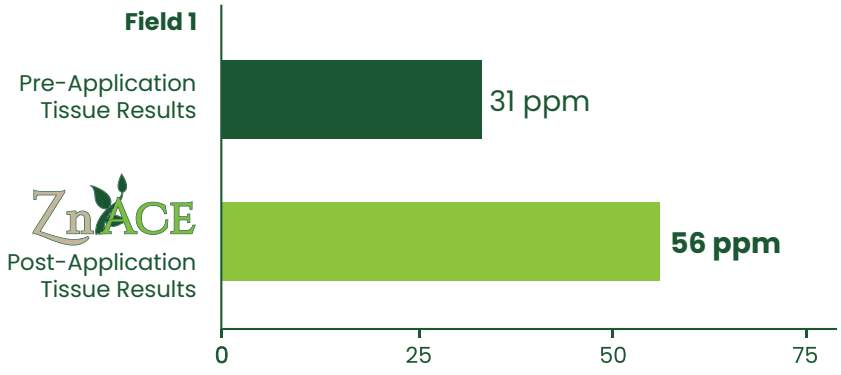
TISSUE RESULTS

Field 1 Before Sample: 31 ppm
Field 1 After Sample: 56 ppm
Field 2 Before Sample: 29 ppm
Field 2 After Sample: 107 ppm

TREATMENTS

1 Quart/Acre - ZnAce
Applied via foliar with Fungicide Treatment on 7/4, 5 days prior to Tissue Sampling.





THE PROOF IS IN THE NUMBERS

Results with just 1 quart of ZnAce
93% & 253% Increase in 1 application

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