

# MAX-IN® Ultra ZMB® Plus

## QUESTIONS & ANSWERS

MAX-IN® Ultra ZMB® Plus is built to deliver a high load of zinc, manganese and boron with one efficient application to increase plant health and maximize crop performance potential.

If you would like more information, please contact your WinField United representative or reference the additional resources listed below.

PLANT NUTRITION

SCAN TO LEARN MORE OR VISIT WINFIELDUNITED.COM



### What are the key benefits of MAX-IN Ultra ZMB Plus?

MAX-IN® Ultra ZMB® Plus is a premium liquid foliar blend that delivers a high load of zinc, manganese, and boron specifically designed to deliver optimal agronomic performance and operational convenience.

- *Agronomic Performance* – High load of zinc, manganese and boron, plus CornSorb® technology, to increase humectancy and nutrient uptake.
- *Flexible Application* – With added boron and soybean herbicide approvals, this product can be applied any time to corn and soybeans.
- *Operational Convenience* – one product foliar solution with long-term shelf stability and minimal transportation requirements.

### Why should I switch from MAX-IN Ultra ZMB to MAX-IN Ultra ZMB Plus?

The challenges with MAX-IN Ultra ZMB include that it is:

- Inadequate for late season corn due to lack of boron.
- Not approved with early season dicamba and 2,4-D soybean applications.
- Corrosive labeling and DOT hazardous material shipping regulations.

The opportunities with MAX-IN Ultra ZMB Plus include:

- Increased boron for later season corn applications.
- Approval for all herbicide tank mix and trait platforms, allowing for season-long soybean applications and versatility towards other crops.
- A non-corrosive product that is free of DOT hazardous materials shipping regulation.

### Why do zinc, manganese and boron matter?

- *Zinc* – Part of the synthesis of auxin, a plant growth hormone, which aids in leaf growth.
- *Manganese* – Essential for photosynthesis and plays a key role in resistance of plant diseases.
- *Boron* – Influences cell development and is essential during reproductive stages.

### How does increased boron help late season corn applications?

- Increased boron unlocks additional opportunities to add MAX-IN Ultra ZMB Plus to late-season corn applications.
- *Physiological* – Boron helps with pollen viability when the pollen grains germinate and grow down the silk of the corn.

- *Uptake* – Peak accumulation of boron immediately prior to pollination.
- *Reproduction* – Boron plays a critical role during the grain fill period, helping to retain and fill more kernels on the ear.

### How does cornsorb optimize foliar applications?

The CornSorb technology in MAX-IN® Ultra ZMB® Plus:

- Increases humectancy and keeps droplets wet longer.
- Helps increase more nutrient uptake into the leaf.
- Rain-fast within 1 hour.
- 20-50% more nutrients in the leaf cuticle.

### How is MAX-IN Ultra ZMB Plus differentiated in the warehouse?

MAX-IN Ultra ZMB Plus provides warehouse, shipping and storage convenience. We developed a differentiated label to stand out in the warehouse. We removed the corrosive classification to minimize shipping requirements. And we simulated 2 years of shelf life and overwinter storage to ensure long term shelf stability.

### What are the active ingredients in MAX-IN Ultra ZMB Plus?

- 4.24%: Zinc
- 3.85%: Manganese
- 2.10%: Boron

### When can MAX-IN Ultra ZMB Plus be applied?

Anytime in season.

### What is the use rate of MAX-IN Ultra ZMB Plus?

- 0.2-2 qt/A
- Suggested: 1-2 qt/A in corn and soybeans

### What is the potential ROI impact of MAX-IN® Ultra ZMB® Plus micronutrient?

In plots showing a positive response, MAX-IN Ultra ZMB Plus micronutrient can help **improve corn yield potential by up to 6.9 bu/A.1**

<sup>1</sup>Based on eight trials across Answer Plot locations, 2024.