

# LEVESOL® DFC ZN\*

Barley · Canola · Corn · Dry Beans · Oats · Potatoes · Sorghum · Soybeans  
Sugarbeets · Sunflowers · Wheat

## Harness the Power of Chelation

Total Nitrogen (5%)

4.0% Urea Nitrogen

1.0% Ammoniacal Nitrogen

Total Zinc (8%)

8.0% Chelated Zinc

Derived from zinc EDTA and zinc  
ortho-ortho EDDHA

**Zinc solution chelated with ortho-ortho EDDHA designed to be mixed directly with dry starter fertilizer.**

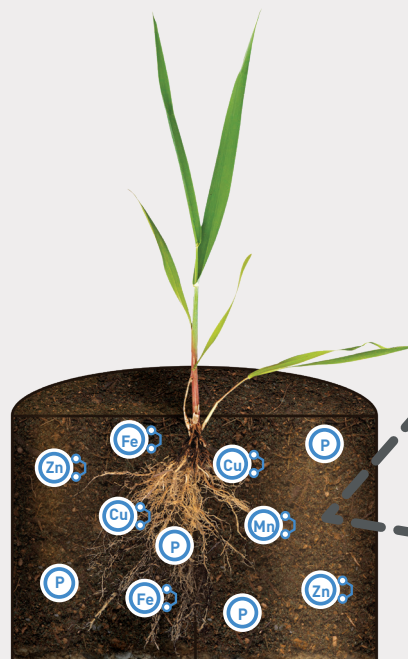
- Ortho-ortho chelate allows nutrients in the fertilizer and soil to become more available for plant uptake.
- First of its kind chelating agent that can be impregnated to a dry starter fertilizer.
- Increases the length of time that the zinc is available for optimal plant uptake.


**Zn**  
ZINC

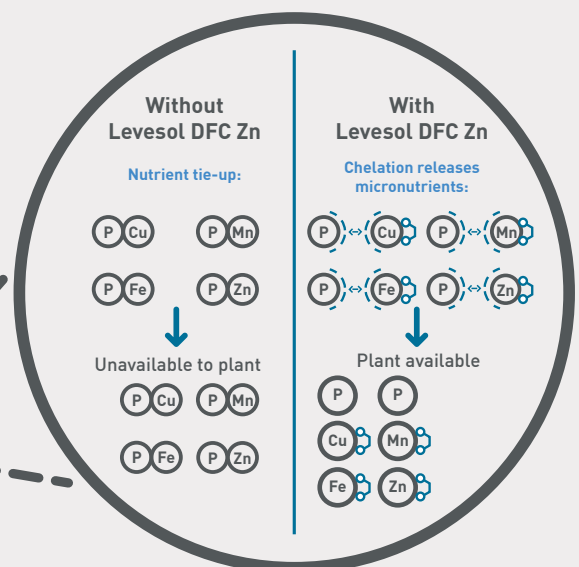
- Zinc is essential in a wide range of plant functions as an enzyme co-factor, in protein synthesis and protein structure, hormone regulation, early root development, energy production and is key for seed information.

## How It Works

Ortho - ortho EDDHA chelate in Levesol DFC Zn enhances phosphorus availability by chelating micronutrients to reduce tie up in the soil and enable phosphorus and micronutrients to be more readily available for plant uptake.



 ortho-ortho  
EDDHA Chelate



**NexusBioAg**

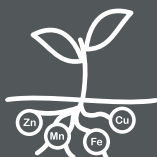
# Features & Benefits



Increased yield and return on investment



Improved availability of soil and fertilizer phosphorus



Enhanced nutrient (Cu, Zn, Mn, Fe) availability, through chelation



Endorsed by Mosaic for use on their MicroEssentials Phosphate Fertilizer



Increased rate of micronutrient translocation, resulting in more efficient use of micronutrients during early development.

## MicroEssentials + LEVESOL DFC Zn on Wheat

MicroEssentials

57.1 (bu/ac)

MicroEssentials +  
Levesol DFC Zn

62.3 (bu/ac)



### Yield Advantage

Average across sites showed +5.2 bu/A increase with Levesol DFC Zn.

Data provided by CHS Inc.

- Years: 2015-2021 (3rd Party Replicated Research)
- Institutions Represented: NDSU, Montana State University, Washington State, 3rd Party Research Groups
- 11 trials

## Levesol DFC Zn Best Management Practices

Levesol DFC Zn is an ortho-ortho EDDHA chelating agent for impregnation on dry phosphate fertilizer. Levesol DFC Zn contains the EDDHA chelating agent plus EDTA chelated Zinc.

### Levesol DFC Zn Compatibility

Dry Phosphate Fertilizers including but not limited to: Mosaic MicroEssentials (MES10, MES15, MESZ); MAP (11-52-0).

Levesol DFC Zn is NOT compatible with liquid fertilizers.

### Blending Instructions:

- Fill blender with desired amount of phosphate fertilizer.
- Add 3L / MT of Levesol DFC Zn to the dry phosphate fertilizer while blending.
- Add other forms of dry fertilizer such as Urea, Potash, AMS, Zinc, Sulphur, Micronutrients.
- Allow to blend for 6-8 minutes to allow for uniform coverage of the Levesol DFC Zn.
- Clean equipment thoroughly after use to prevent build up.

### Application

- 3 L/MT of dry phosphate fertilizer.

### Storage Recommendations

- Store Levesol DFC Zn in the dry fertilizer building to avoid unintentionally blending with liquid fertilizer.
- Levesol DFC Zn freezes at 0°C but has no minimum storage temperature restriction. If frozen, allow to thaw completely before using.
- The shelf life of Levesol DFC Zn is unlimited if not exposed to sunlight, water (high humidity), or extreme heat (37°C).

### Storage Recommendations for Levesol DFC Zn treated phosphate:

- If dry fertilizer is treated with Levesol DFC Zn and then stored, keep fertilizer out of direct sunlight, away from high humidity conditions, and avoid extreme heat (37°C).

\*Pending Registration

If you would like more information or have questions, contact your local NexusBioAg Representative or visit [nexusbioag.com](https://nexusbioag.com)

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