

# Vital Zinc

## Introduction

Zinc (Zn) is among the essential micronutrient needed for normal plant growth and has a vital role in plant metabolism. Like most micronutrients Zinc is immobile in soils. In high pH values and high organic matter content, Zinc tie up and making it unavailable for plant uptake.

Zinc plays important role in enzymes activation that ensures certain protein synthesis. Other essential roles are in chlorophyll & some carbohydrates formation, hormone regulation, conversion of starches in to sugar and enhances cold tolerance.

Keeping in view the above, Agrisol has formulated a foliar fertilizer, Vital Zinc (7%) using AgriSol's proprietary ERMP technology that ensures Zinc availability to plant. Vital Zinc is made with all chelated non-sulfate sources of Zinc, which can be used along with calcium products. It is an excellent addition to an adequate and balanced soil fertility program, suitable for use in greenhouses & open field-through foliar applications.

## Benefits

- Rapidly absorbed by plants and quickly corrects Zinc deficiency.
- Chelated Zn easily taken up by plants.
- Increases the Zinc and protein content of the grain.
- Enhances tolerance against stress and disease.
- Compatible with a wide range of pesticides.
- Contains no sulphates or chlorides.

## Guaranteed Minimum Analysis

|                  |              |
|------------------|--------------|
| <b>Zinc (Zn)</b> | <b>7.0 %</b> |
|------------------|--------------|

## Product Characteristics

|                          |                   |
|--------------------------|-------------------|
| <b>Appearance:</b>       | Dark brown liquid |
| <b>Specific Gravity:</b> | 1.20 g/ml         |
| <b>pH:</b>               | 5.5               |
| <b>Solubility:</b>       | Soluble in water  |

## Ingredients

Zinc from chelated sources & Organic acids.

## Direction of Use

Generally application rate is 1L/acre.

Application will depend on crop needs, tissue & soil analysis.

- Use enough water to cover the foliage.
- Always test compatibility before mixing two different products by jar test.
- Use extra care while using as foliar spray, as it may cause phyto-toxicity.
- Product contain Zinc and should be used as recommendations. May be harmful if misused.

It is important to monitor crop needs and responses by maintaining an adequate tissue-testing program. When unfamiliar with the effects of foliar applications of minerals it is recommended to perform small-scale field trials.

## Packaging Sizes

10 L, 25 L, 205 L, 1000 L

**Note:** Additional sizes available upon request.

## Storage & Cautions

- Store Product in a cool and dry place in original container.
- Test compatibility with other products prior to use.
- Avoid contact with skin & eyes and inhalation of spray/dust.
- Recycle container in accordance with federal and provincial regulations.
- Keep product out of reach of children.
- Product contain B and should be used as recommendations. May be harmful if misused

### Conditions of sales and limitations of Warranty & Liability:

There are no implied warranties of merchantability or fitness with respect to the product, nor are there any expressed warranties other than as many be contained in any guaranteed analysis that may accompany the product. Seller shall not be liable for any special indirect, incidental or consequential damage or expense of any nature, including but not limited to lost products, property damage or Seller's liability is limited to refund of purchase price as per return policy of company.



## 7.0% Zn (Chelated)

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