

# TECHNICAL DATA SHEET

## FERTICELL ZINC 40% Liquid Suspension

Zinc solution (ZnO) 40.

Product usable in Organic Farming according to EC Regulation n° 2018/848 and 2021/1165.

Product compliant with NOP (National Organic Program - USDA).

Product compliant with Regulation JAS (Japanese Agricultural Standard – Japan).

### Description- specifications

**FERTICELL ZINC 40** is an ecological liquid fertilizer, mixed with unicellular freshwater algae, used for both foliar applications and fertigation. It is used to prevent and correct zinc deficiencies, being a cofactor of many key enzyme processes, that favours protein synthesis as well as auxins synthesis by plants.

**FERTICELL ZINC 40** contains unicellular algae, being completely neutral and biologically active, making the assimilation of zinc that accompanies it faster and more complete. Algae are especially important in plant nutrition, as they give a higher yield, precocity and better quality in all crops.

**FERTICELL ZINC 40** is especially indicated to improve the flowering processes of crops, and to cover zinc deficiencies, which is one of the most common. Among the crops most sensitive to zinc deficiency, are corn, cotton, citrus, apple, peach, and avocado.

**FERTICELL ZINC 40** used in the vegetative phase of the crop, will act as a cell growth regulator.

### Uses



Foliar  
Fertigation

### Available containers



300L  
600L  
1000L

### ATTESTATIONS:

Product usable in Organic Farming according to the EC Regulation n° 2018/848 and 2021/1165.



Product compliant with NOP (National Organic Program - USDA) and JAS (Japanese Agricultural Standard) regulations.

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### GUARANTEED ANALYSIS:

Composition	Percentage (w/w)	Percentage (w/v)
Zinc (Zn), total	≥ 23 %	≥ 32%
Zinc oxide (ZnO), total	≥ 29 %	≥ 40%
Algae solution (100 % from unicellular fresh water algae extract)	25%	

### PHYSICAL PROPERTIES

State:	Liquid
Colour:	White
Density:	1,40 kg/l
pH:	9.5 ± 1.0

### GENERAL USAGE AND DOSAGE RECOMMENDATIONS

Crop	Foliar dose	Fertigation dose
<b>Fruit trees:</b> Citrus fruits, Apples, Pears, Blueberries, Almonds, Cherries, Peaches, Avocado, Mango, Banana, etc...	-Maintenance: 2-3 l/ha or 200-300 cc/100 l application -Strong deficiency: Up to 4 applications	
<b>Horticultural crops:</b> Tomato, Potato, Cucumber, Melon Courgette, Cauliflower, Onion, Carrot, Pepper, etc...	-Maintenance: 2-3 l/ha or 200-300 cc/100 l application -Strong deficiency: Up to 4 applications	
<b>Extensive crops:</b> Cereals, Alfalfa, Cotton, Beetroot, Corn, Sunflower, etc..	-Maintenance: 2-3 l/ha or 200-300 cc/100 l application -Strong deficiency: Up to 4 applications	

· The specified dosages are general recommendations. The amounts depend on the crop, phenological state, level of deficiency and soil type.

· The physical and appearance characteristics of the product may be altered due to the ecological nature of the product. Keep the product at room temperature, in a cool and dry place.

· Use under technical advice. Keep the product at **room temperature**.

### Important notes:

1. Due to the density and its high concentration in zinc, the product must be prediluted before being poured into the irrigation tank or spray.
2. In fertigation applications, divide input being as maximum: 3l / ha, at intervals of 10-15 days.
3. Shake the container vigorously before use.
4. If the package is not shaken every month at least **1 HOUR**, the expiration date of the product is limited to **5-6 months from the date of manufacture** due to its high density, so zinc (Zn) can decant and sediment at the bottom. It is possible to reverse this situation by using hot water and shake it vigorously.