

# ZMC-GROW

PREMIUM MICRONUTRIENT FOLIAR FERTILIZER

CIRCULAR  
ECONOMY  
FERTILIZERS

## Zinc + Manganese + Copper + Sulphur

ZMC-Grow™ is completely sulphate-based and approved for organic farming

### BENEFITS AND FEATURES

- + A sustainable product, extracted and purified from used alkaline batteries and reclaimed copper
- + Effective for conventional and organic farming
- + Sulphate-based solution absorbs through plant leaves rapidly
- + Mixes well with common herbicides, fungicides and other agrochemicals
- + Contains no solid particles and is fully water-soluble
- + No blockage of sprayer nozzle filters
- + No mechanical wear and tear on spraying equipment

### Why use ZMC-Grow?

Zinc, manganese and copper deficiencies limit crop yields. Correcting micronutrient deficiencies helps farmers minimize financial losses.

Micronutrients increases the quality and metabolism of the plant. Foliar application is a proven and efficient way of correcting micronutrient deficiencies in plants quickly. Sulphate-based micronutrients have a rapid uptake through foliar absorption.

ZMC-Grow is diluted with water and sprayed directly onto the plant leaves and can be applied along with NPK-fertilizers. Once plant health is improved with ZMC-Grow, it uptakes

NPK-fertilizers more efficiently, providing the plant with a more balanced nutrition. This is cost efficient for the farmer, as less NPK- fertilizer is needed to achieve the same result.

ZMC-Grow benefits many plant types. The manganese content in ZMC-Grow improves the plant's resistance to cold conditions when applied before vernalization. Copper is especially beneficial for oats and barley, to produce better grain yields.

The most effective method of increasing micronutrients absorption is through a combination of foliar and soil fertilization.



## ZMC-Grow™

Nominal total average nutrient content:

Zinc	58 g/l (4,1%)	pH	3,8
Manganese	62 g/l (4,4 %)	Density	1,40 kg/l
Copper	27 g/l (1,9 %)		
Sulphur	90 g/l (6,1 %)		

Dosing: 2-3 l/ha mixed with 100 - 300 liters of water

Type designation: E.2.4.1 Solid or fluid mixture of micronutrients.

ZMC-Grow fertilizer product is approved for organic farming in the EU in accordance with the European Commission Regulation (EC) No 2018/848.

Tracegrow's technology is patented, and manufacturing follows the ISO 9001 and 14001 standards. The technology has collected many prizes, like the Circwaste prize of the Finnish Environmental Institute.

