

# ZM-GROW

PREMIUM MICRONUTRIENT FOLIAR FERTILIZER

“DEVELOPED  
BY FARMERS FOR  
FARMERS”

## Zinc + Manganese + Sulphur

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

### BENEFITS AND FEATURES

- + A sustainable product, extracted and purified from used alkaline batteries
- + Effective for conventional and organic farming
- + Sulphate-based solution absorbs through plant leaves rapidly
- + Increases crop yields up to 27 %
- + 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 ZM-Grow?

Zinc and manganese 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.

ZM-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 zinc and manganese, the plant can uptake 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.

The manganese content in ZM-Grow improves the plant's resistance to cold conditions when applied before vernalization.

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



## ZM-GROW™



Total average nutrient concentration:

Zinc	60 g/l (4,4 %)	pH	3,9
Manganese	67 g/l (4,9 %)	Density	1,36 kg/l
Sulphur	75 g/l (5,5 %)		

Dosing: 2-3 l/ha mixed with 200-400 litres of water

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

ZM-Grow™ fertilizer product is approved for organic farming in the EU, UK and Australia and is 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. This technology has collected many prizes, including the Circwaste price of the Finnish Environmental Institute.

