



mzp
MICROZONE

MZP-PRODUCT RANGE - AUTHENTIC EM® TECHNOLOGY

Produced in RSA, under licence of EMRO Japan.
Zimbabwe Reg. No. NBA - RA / 06 - 36 - 12 - 23



EM•1®

STOCK SOLUTION



AGRO-SERVICES

DISTRIBUTED BY:

Pivotal Agro-Services (Pvt) Ltd,
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KEEP OUT OF REACH OF CHILDREN / READ LABEL BEFORE USING

PRODUCT DESCRIPTION AND COMPOSITION: EM•1® is an anaerobically-fermented, proprietary blend of selected and beneficial microorganisms. EM•1® Stock Solution is a yellowish-brown liquid with a pleasant odor. The pH of the solution should be less than 3.5. EM•1® contains authentic Effective Microorganisms® produced under licence of EMRO Japan, including amongst others, detected Phototrophic bacteria, Lactic acid bacteria (Lactobacillus casei & Lactobacillus plantarum) 1.28×10^5 CFU/ml and Yeast (Saccharomyces cerevisiae) 1.77×10^5 CFU/ml. EM•1® and Secondary products produced by Microzone bear the Quality Certified and Certified Product labels issued by EMRO Japan. Independently produced products may not bear or claim to bear these certifications. EM•1® is allowed for use in organic agriculture according to EU regulation 2018/848, 2021/1165 & the NOP.

APPLICATION: EM•1® has a wide range of applications in the agricultural, animal husbandry and environmental fields. Contact Pivotal Agro-Services for application specific guidelines.

DIRECTIONS FOR USE: EM•1® can be applied directly via soil drench and/or foliar application or used as the base material to produce a variety of EM® Secondary products.

Soil drench: 1-10ml/Liter water as needed;

Foliar spray: 2-10ml/Liter water as needed, or before critical stages (for eg. flowering);

On sensitive plants: use the lowest rate.

Compost activator and enhancer: 1-2 Liter of EM•1® per m³/t of compost.

Seed Treatment: 2ml EM•1® per kg of seed; or dilute EM•1® 1:1000 with water, soak seeds in EM•1® before planting: Small – 30 min, Medium (e.g., Maize) – 4 hours, Large (e.g., beans) – 24 hours. Sow immediately after soaking.

PHI (Pre-Harvest Interval): 0 days.

STORAGE AND HANDLING:

Store at 25°C, in an airtight container, out of direct sunlight.

SAFETY PRECAUTIONS: Although EM•1® is non-hazardous, it is recommended that the following precautions should be taken when handling the product: Wear protective clothing, gloves and goggles to protect skin/eyes.

FIRST AID: EM•1® is an all natural product that is safe to use around humans and all kinds of animals, birds, bees etc. **After skin/eye contact:** Rinse affected area with clean water.

MANUFACTURED BY:

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Control by ECOCERT F-32600



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Microzone (Pty) Ltd is the only authorised manufacturer of authentic EM•1® in Southern Africa.
Including: South Africa, Namibia, Botswana, Zimbabwe, Zambia, Lesotho, Malawi & Swaziland



PRODUCT: 20L - EM•1® STOCK SOLUTION

BATCH NUMBER: 012025 001

pH: 3.5

EXPIRY DATE: 01/07/2026

PRODUCTION DATE:

SHELF LIFE: 6 MONTHS

01/01/2025



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