

TECHNICAL DATA SHEET

BOR MIX

Document code	CEON-043-TDS-R05
Product category	EDTA-chelated boron-manganese-zinc micronutrient fertiliser
Physical form	Water-soluble powder
Packaging	1 kg, 5 kg, 10 kg, 20 kg, 25 kg
Catalogue reference	CEON Product Catalogue, page 55

1. Product overview

A high-boron micronutrient fertiliser with EDTA-chelated manganese and zinc, designed for preventive and corrective programmes around flowering, pollination, fruit set and early fruit development.

2. Guaranteed analysis

Declared component	Guaranteed content
Water-soluble boron (B)	8% w/w
Water-soluble manganese (Mn), EDTA-chelated	1% w/w
Water-soluble zinc (Zn), EDTA-chelated	5% w/w

3. Agronomic positioning

- Supports stigma and pollen-tube development
- Encourages more uniform flowering and fruit set
- Improves fruit quality, colour and market appearance
- Provides chelated manganese and zinc for rapid availability
- Suitable for pre-flowering, flowering and post-harvest perennial-crop programmes

4. Recommended application framework

Application route / crop group	Recommended framework
Foliar	100-150 g per 100 L water
Soil / fertigation	5-10 kg/ha
Fruit crops	Apply at beginning of flowering, after fruit formation and pre-harvest when needed
Field crops	Apply at key vegetative and reproductive stages based on deficiency risk

Application rates are programme guidance derived from the catalogue and agronomic practice. The approved destination-market label, crop sensitivity, soil/leaf analysis, irrigation volume and local regulation take precedence.

5. Mixing and application procedure

- Fill the tank with 30-50% clean water and start agitation.
- Pre-dissolve the measured product in a separate clean container where practical.
- Add the solution slowly to the main tank while maintaining agitation.
- Add compatible plant-protection products only after a jar test and according to their label order.
- Complete filling with water, maintain agitation and use the mixture promptly.
- Flush fertigation lines and spray equipment with clean water after use.

6. Compatibility and precautions

Boron has a narrow range between deficiency and excess. Do not exceed label rates and avoid use where soil or tissue boron is already high.

- Do not mix concentrated fertiliser solutions together unless compatibility is confirmed.
- A small-scale jar test is required before new combinations.
- Avoid application during extreme heat, frost, drought stress or intense sunlight.
- Use clean, low-sediment water and appropriate filtration in drip systems.

7. Storage and shelf-life controls

- Store sealed in the original package in a cool, dry, ventilated place.
- Protect from direct sunlight, moisture, frost and excessive heat.
- Keep away from food, feed, children and unauthorised persons.
- Reseal opened packages immediately to avoid caking or contamination.
- Shelf life is governed by the approved commercial label and batch release documentation.

8. Quality control and release

Each batch should be released against an approved specification using validated analytical methods appropriate to the declared nutrient. Identity, appearance, solubility/moisture where relevant, nutrient content, packaging integrity, lot coding and traceability should be verified before dispatch.

9. Regulatory statement

This TDS is a technical and commercial support document. It is not a substitute for the legally approved product label, registration dossier, destination-country fertiliser regulation, batch COA or final SDS classification. Claims must be adapted to the authorised market.