



TECHNICAL DATA SHEET

Peroxstim™

Peroxstim™ is a water conditioner containing bio-degradable sequestering agents which act as both a natural chelate and a bio-stimulant. This colourless high-density solution is exclusively formulated and manufactured by Humefert Manufacturing (Pty) Ltd. for H2i (Pty) Ltd. for the use with the **Oxi-App™** system.

Perozone and other oxidants generated by the **Oxi-App™** system, continuously treat the irrigation water, break down impurities and the treated water percolates into the soil profile. Throughout the whole process, water quality is optimized, the irrigation system is kept clean, soil compaction reduced, and a more ideal environment is created in which soil life can flourish. **Peroxstim™** is continuously added during the process to optimise the oxidation reaction by chelating the individual cations generated during the oxidation process and to stimulate and sustain the soil microbes in the root zone.

Peroxstim™ is a scientifically proven natural chelate and bio-stimulant which has been successfully used in the agricultural industry for the last 15 years. Since it is completely hydrolysed and oxidized during the manufacturing process, **Peroxstim™** is not affected by the ozone and hydrogen peroxide produced by the **Oxi-App™** system and is transferred through the irrigation system and applied directly to the root zone.

Benefits of **Peroxstim™**:

- Is stable and inactive in a highly oxidative environment (H_2O_2 and O_3).
- Activated only once the oxidants are broken down completely.
- Excellent chelating properties.
- Acts as a slow-release carbon source and nutrient for soil micro-organisms.
- Stimulates root and shoot growth.
- Increases the absorption rate of most plant nutrients.

Product specifications:

Specific gravity = 1,2; pH = 4,0 to 4,5

Packaging:

25 Litre plastic containers, 1000 Litre IBC/flow-bin.

Dosage rates:

Contact your nearest H2i agent.

Storage, handling and safety prevention:

Store in a cool, dry area away from direct sunlight.

Disclaimer:

To the best of our knowledge, the information contained herein is accurate, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.