



The In-Crop pH Reducer and Water Softner

WHAT IS IT?

- *SopHtner95™* is a soil and water pH conditioner.
- It controls algae and buffers the tank mix spraying solution.
- *SopHtner95™* is formulated using naturally-occurring organic acids and represents an environmentally sound management tool for lowering alkaline soil conditions.
- It is also safer for in-crop use where acidic conditions are required for better efficacy.
- *SopHtner95™* acts as a weak chelator improving the efficiency of uptake through the leaves.
- The product is available in 10 L jugs, 450 L and 1000 L IBC's.

WHEN & WHY USE IT?

- Hard water often has high pH due to the level of carbonate it contains.
- The continuous application of high pH water tends to increase the pH of the soil.
- Also, many herbicides and fungicides require an acidic solution for better efficacy.
- By adding *SopHtner95™*, hardness of the water can be lowered, which reduces the possibility of soil pH raise.
- *SopHtner95™* is a pH reducer designed for soil and water applications, where the pH needs to be lowered into a more acidic range.
- Non-Exhaustive List of herbicides often affected in the efficacy of water hardness: 2,4D Amine, Amitrole, Atrazine, Bentazone, Clethodin, Dicamba, Endothal, Fluazifop, Glufosinate Ammonium, Glyphosate, Imazamox, Imazapyr, Imazethapyr, MCPA Amine, Metsulfuron-Methyl, Paraquat, Picloram, Quizalofop, Sethoxydim and Trakoxydim.

WHAT TO EXPECT?

- *SopHtner95™* reduces the pH of the water and conditions the soil for turf, trees and ornamentals and greenhouse soil mixes.
- The product is safer for use in-crop and to the users more than other pH reducers such as sulfuric acid and ammonium sulfate.
- When adding *SopHtner95™* to a mixture containing micronutrients, part of these elements can be chelated and made more available to the crop.

Application Guidelines

WARM & COOL SEASON TURF:

- Apply at 60 - 180 ml in a minimum of 2 US gal water per 1,000 sq. ft (60 - 180 ml per 100 sq meter).
- *SopHtner™* should be applied monthly. The ideal pH range is 6.0 - 6.5.

TREES & ORNAMENTALS:

- Soil Drench: 1 L per 100 US gal of tank mix (250 ml per 100 L water).
- Repeat the application every 30 days or as needed. The ideal pH range 5.0 - 6.5.

GREENHOUSE GROWING MEDIA:

- Mix 120 - 180 ml per 1 US gal of water (120 - 180 ml per 4 L water).
- If pH is not sufficiently lowered, continue to adjust pH over several waterings at a rate of 60 - 120 ml per US gal of water.

HAND WATERING:

- Mix ½ - ¾ teaspoon per US gal of water.
- Saturate soil with solution.

ALL FIELD CROPS:

- Apply 100 ml per 10 US gal spray volume.

*SopHtner95™ is a trademark of OMEX Agriculture Inc.



866-860-9660 / omexcanada.com

290 Agri Park Road, Oak Bluff, MB R4G 0A5

