



CropHealth AB  
a Plant Health Company

# Aquaritin DEFEND

## Description

**Aquaritin DEFEND** is a foliar-applied micronized silicon and micronutrient formulation designed for high-performance turf systems operating under Nordic conditions. Plant-available silicon (**Si**) is rapidly absorbed and deposited in epidermal tissues, reinforcing cell walls, reducing transpiration losses, and improving tolerance to mechanical, environmental, and biological stress.

**DEFEND** supports turf resilience during cold nights, limited photosynthetic windows, and high traffic periods common in Scandinavian climates. Silicon-enhanced cell structure improves surface stability, stress recovery, and consistency throughout the playing season.

## Key Benefits

- **Improved photosynthetic activity.** Increased epidermal cell wall thickness and rigidity
- Improved tolerance to cold, heat, drought, and traffic stress
- Faster recovery following aeration and mechanical stress
- Improved surface firmness, ball speed, and trueness

## Contents:

Silicon (Si)	5,00%
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	0,08%
Potassium (K <sub>2</sub> O)	0,06%
Calcium (CaCO <sub>3</sub> )	0,03%
Magnesium (MgO)	0,03%
Sulfur (S)	0,01%
Iron (Fe)	0,03%
Manganese (Mn)	0,03%
Zinc (Zn)	0,04%
Copper (Cu)	0,01%
Molybdenum (Mo)	0,003%
Boron (B)	0,004%
Cobalt (Co)	0,004%

Package:	1 Liter bottle
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## Application

Foliar spray, preferably early morning. Reapply if rainfall occurs within 3 hours

## Dosage:

**Rate:** 0.5–0.75 L/ha

**Frequency:** Every 7–14 days



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