



## Avoncrop Amenity Products

Driven by quality | Proven by service

# Discover the benefits of Micronised Silicon

Aquaritin Defend is proven to deliver exceptional Plant Health through the action of Micronized Silicon and 12 Essential Nutrients absorbed through Nano Silica.

When applied to golf and sportsturf, it promotes cell wall strength, plant rigidity, root development, water efficiency and colour response that does not look manufactured. Under biotic and abiotic stresses it presents barriers to environmental stresses and limits the susceptibility to pathogens and insects.

### What is Aquaritin Defend?

Aquaritin Defend is an advanced Nano Scale foliar spray which combines a balanced mix of 13 plant nutrients in a single formulation. It contains primary nutrients (P,K); Secondary nutrients (Ca,Mg,S); Micro nutrients (Fe,Mn,Zn,Cu,B,Mo); and, in addition, Silica and Cobalt. The particle size is between 1 and 30 nm and each nutrient is absorbed on to nano-silica molecule preventing them from bonding with each other, with water, or the atmosphere. Nano particles allow for easier dispersal and integrated suspension in the tank and with micro droplets offer better coverage during application. Aquaritin Defend tank mixes easily with other Fertilisers, Fungicides and PGRs and is absorbed by the plant through the leaves within a few minutes of application. Significant benefits noticed by Turf managers when applying Fungicides.

### Benefits of Aquaritin Defend

- Overall plant health with greater rigidity and photosynthesis
- Color response without surge growth
- Improve Fertiliser, Fungicide and PGR response
- Resistance against fungus and pests
- Defence against heat, salinity, radiation, drought, flooding and heavy metal stress
- Increased wear tolerance in high traffic areas
- No environmental damage through run-off

### Applications

Maintenance Rate: 0.5ltr per Hectare once every week to once every two weeks on greens and once every month on fairways and sportsfields.

Recovery Rate: 1ltr per Hectare two to three times a week until desired results are achieved.



### AVAILABLE FROM:

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