



“ SeeGrow pH management for pitch and green irrigation ”

Key elements for plant growth are light, warmth (suitable temperature), CO₂ and water. The quality of water has an impact, and effects many processes inside and outside the plant itself.

Within the quality scope of water pH is a determining factor; it informs us about the acidity or alkalinity of the water used for irrigation.

An ideal pH value for growing grass is (in general) 6-6,5.

Typically, city mains water has a high pH maintained by water companies to prevent metal solids from pipework dissolving in the water.

SeeGrow offers a custom-made, automated pH control system with the injection of CO₂ gas having the ability to independently adjust to your desired pH value.



“ CO₂ is the only environmentally friendly alternative for mineral and organic acids for pH control of alkaline water ”



The use of carbon dioxide (CO₂) for correcting the pH of waste and process water has been a widespread application for many years in the paper and chemical industry, breweries and water management in general.

The CO₂ used for this application is saved from industrial emission, and therefore recycled and there are no special safety requirements.



The impact Benefit of the right water pH

- Better rooting
- Reduction of evaporation
- Improvement on the plants water intake
- Helps heat stress
- Helps reduce formation of black layer and algae
- Enables your fertilizers to function efficiently

SeeGrow pH control system, model pH 701, housed in a stainless-steel type cabinet

Includes;

- 1 x pH controller Voltage 110/220-240 single phase
- 1 x pH sensor
- 1 x solenoid valve
- Assorted cabling and piping

Gas management for CO2 supply / Semi-automatic change over system

- Semi-automatic change over system suitable for industrial gases
- Modular design (to accommodate 2, 3 etc. cylinders)
- Includes 2 X 1 flexible gas hoses -300 bar resistant for connection with CO2 cylinder (not shown)
- Includes 2 X 1-cylinder stainless steel mounting bracket
- For use with CO2 gas a safety datasheet is available.

