



Data Sensored sustainable maintanance

By Marco Blom
Headgreenkeeper

Why use Weatherstation data on GC

Insight for management decisions

Relations between irrigation vs stress, soilcontent and available water

Decision Supporting Tool

A satellite map of a rural area with green fields and roads. A blue location pin is placed on a building complex. The text 'Agrec Zelle Beheer' is written in white next to the pin. A large white title is centered on the map.

Why use Weatherstation data on GC

Agrec Zelle Beheer

Insight for management decisions, presentation tool

Relations between irrigation vs stress, soilcontent and available water, indication dewpoint or frost

Decision Supporting Tool preventing over irrigation, leafwetconditions, leaching water soluble nutrients

Better management on IPM and BPM on facts not on feelings

Easy installation



Depth ; top-earation vs sensor depth vs rootzone

Location ; holecutter damage sensor and cable

Influence of irrigation sprinklers

Depth of messuremant / data collection



Investment Dissision Support Tool

- Local station = closer insight of Rainfall, Dewpoint

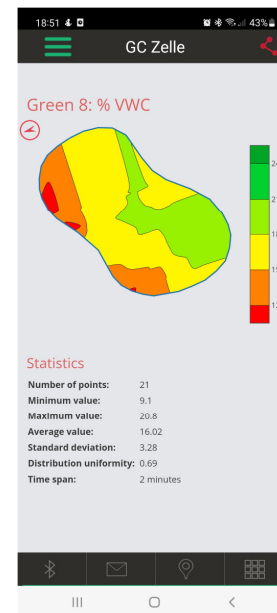
Leafwetconditions, Evaporation, VWC%



Less leaching, less chemical products



better greens with lower input



Return investment

- Station €3500 airtemperature, humidity, lightintensity, soil temperature, volumetric water content% and retention
- Greensensor €500 soil temperature, volumetric water content% and retention
- €4000-5000 or in 10years → €400-500/year
- Less chemical use €1000
- Less recovery costs €700 seeding
- Better playing surface ??
- Lower irrigation costs ??



Thank
you,

Tak,

Danke



Q??

Bedankt voor jullie aandacht