

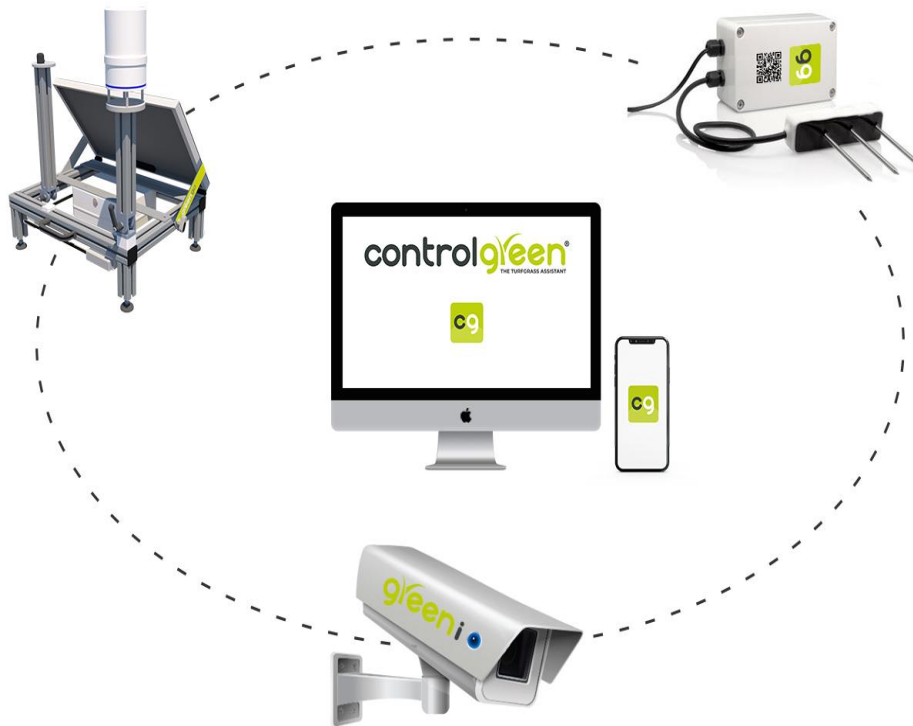


The greenGO[®] system
YOUR TURFCARE UNIT
your turfcare assistant

The GreenGO system: your turfcare assistant

GreenGO Unit - Weather station

GreenGO node- Soil sensor



Green-i - RGB, NDVI, IR camera

Hardware and software suite for The GreenGO system

Hardware

- GreenGO unit : weather station
- GreenGo node: stand-alone soil sensor
- Green-i: camera

Software

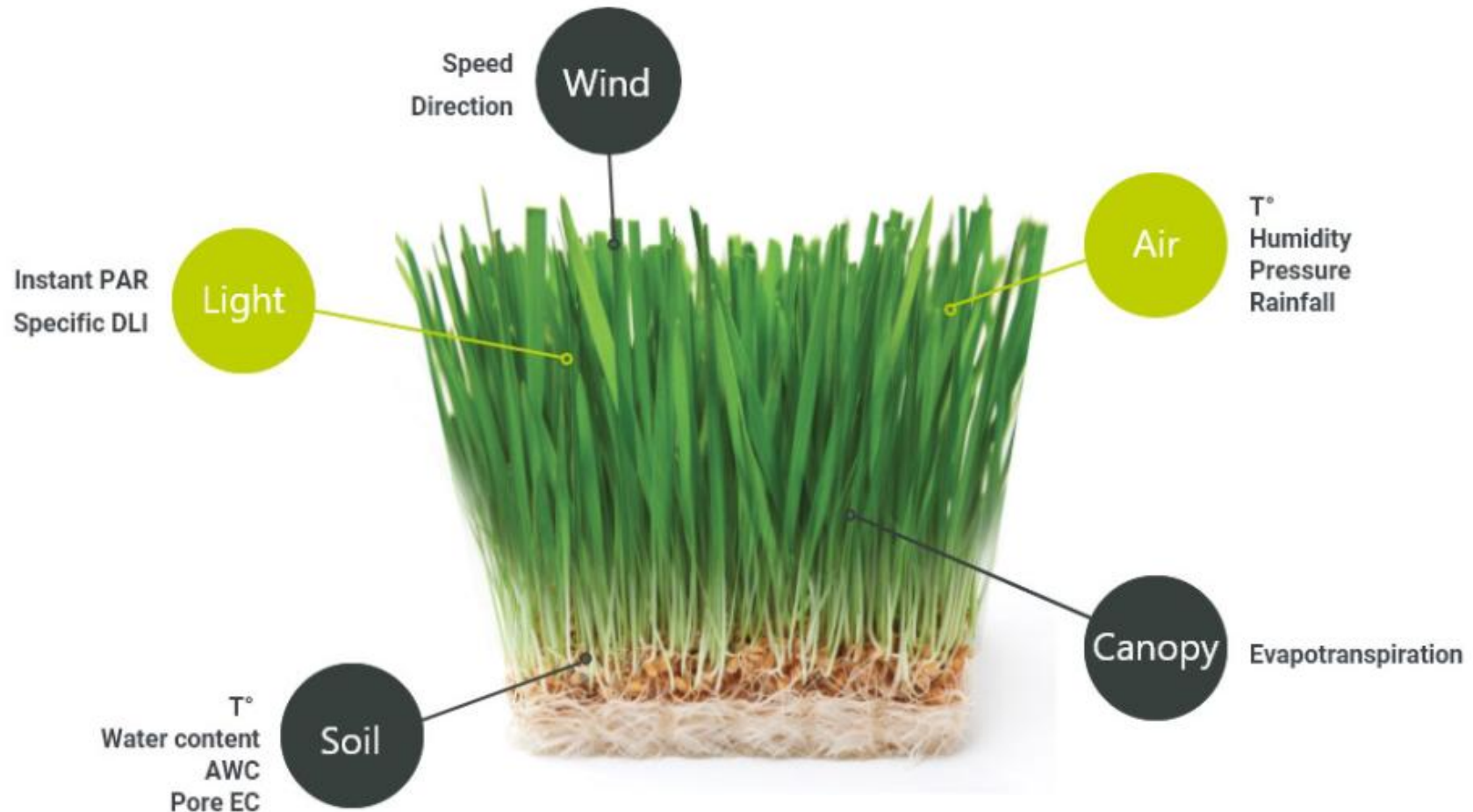
- Control-Green

The GreenGO unit: Weather station

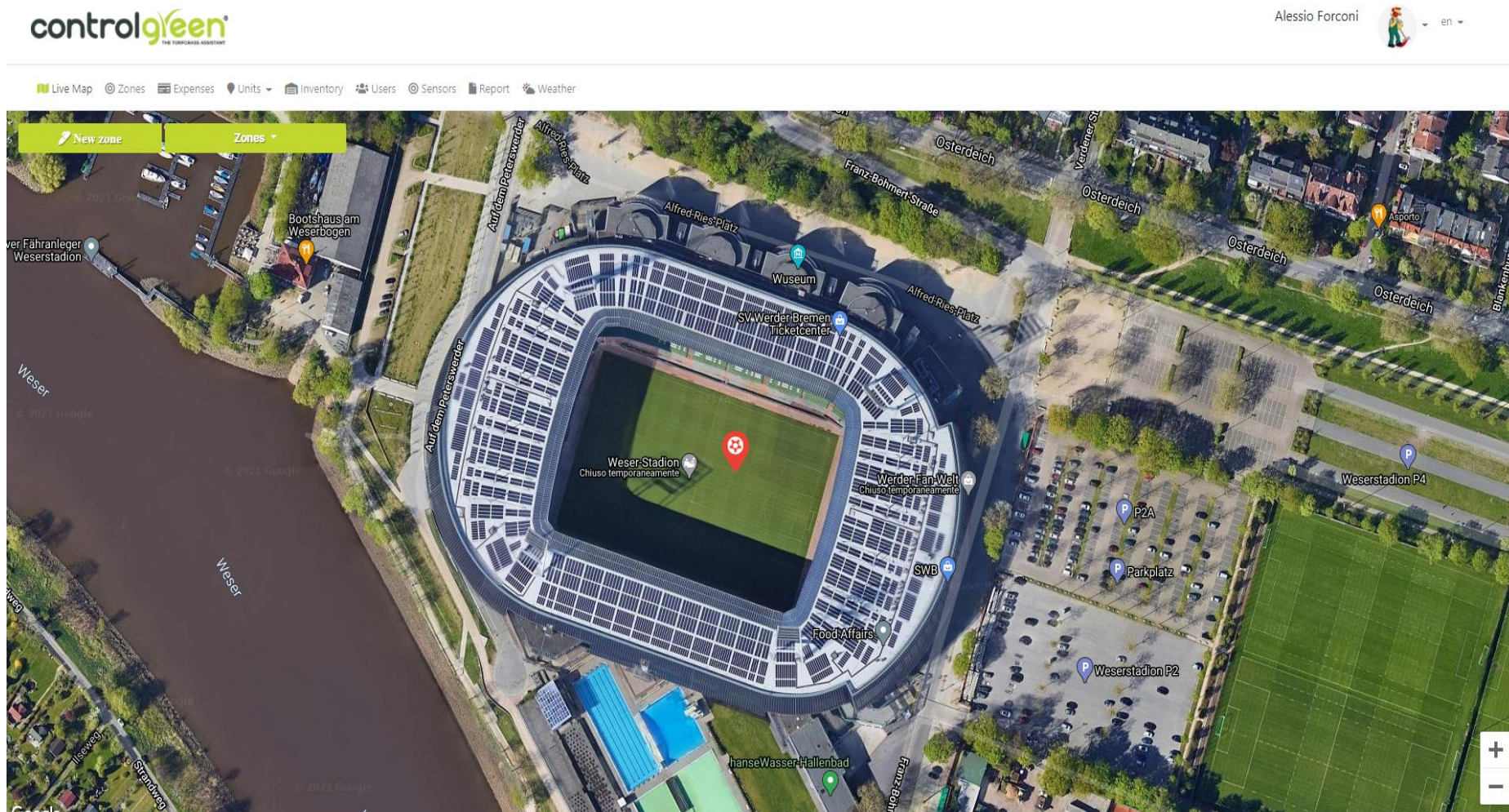
- Portable – Briefcase shape with handle (10 kg)
- Autonomous – Energy self-sufficient (Solar panel)
- Geolocalized – GPS
- Data acquisition at a representative height
- Real-time data
 - Data acquisition every minute
 - Data sent every 5 minutes
- SIM Card - Low monthly consumption (MB)
- User friendly
 - Easy to deploy
 - Only On/Off button
 - Easy data visualization (Control-Green App)



What info it does give to you?



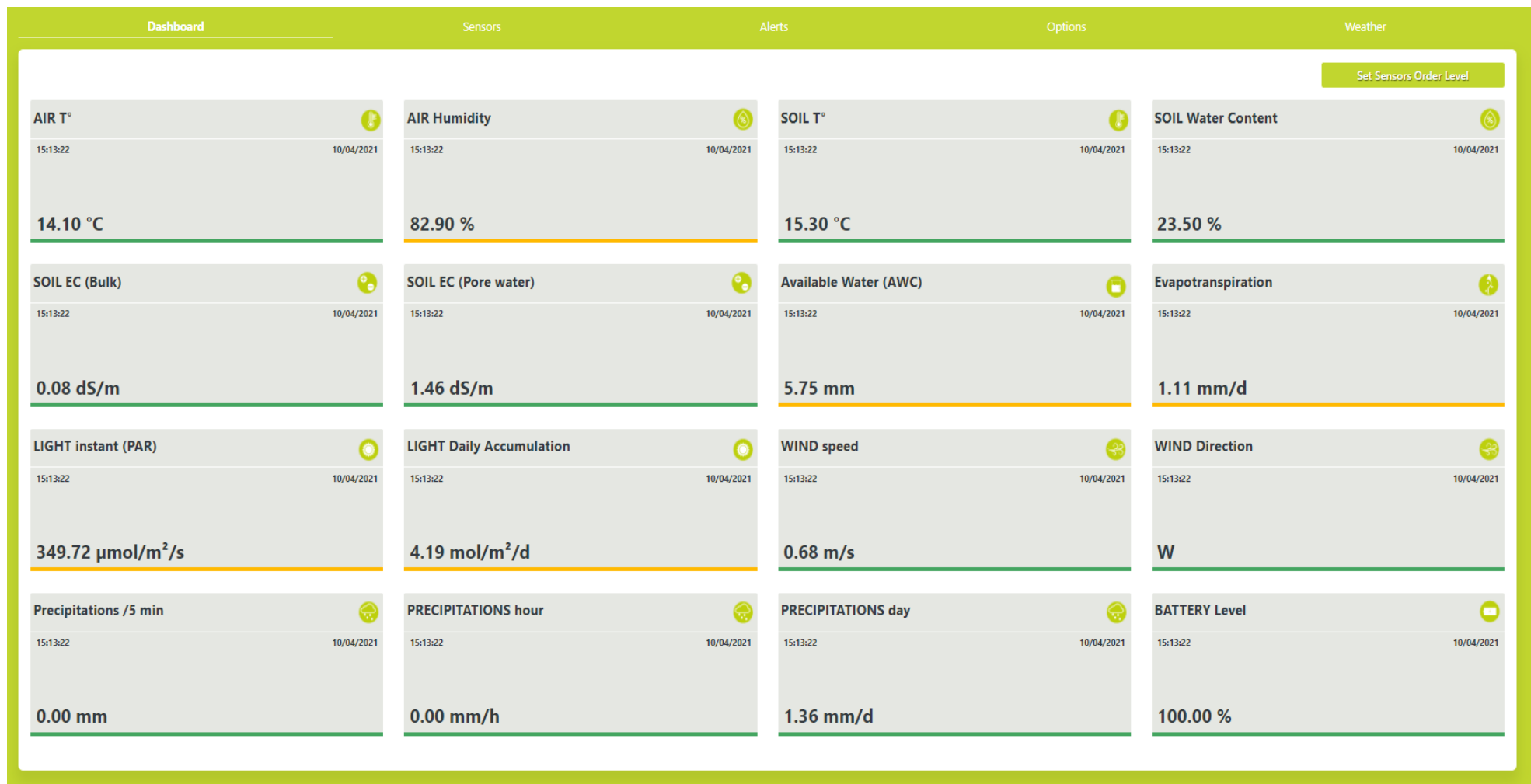
Where is my GreenGO now?



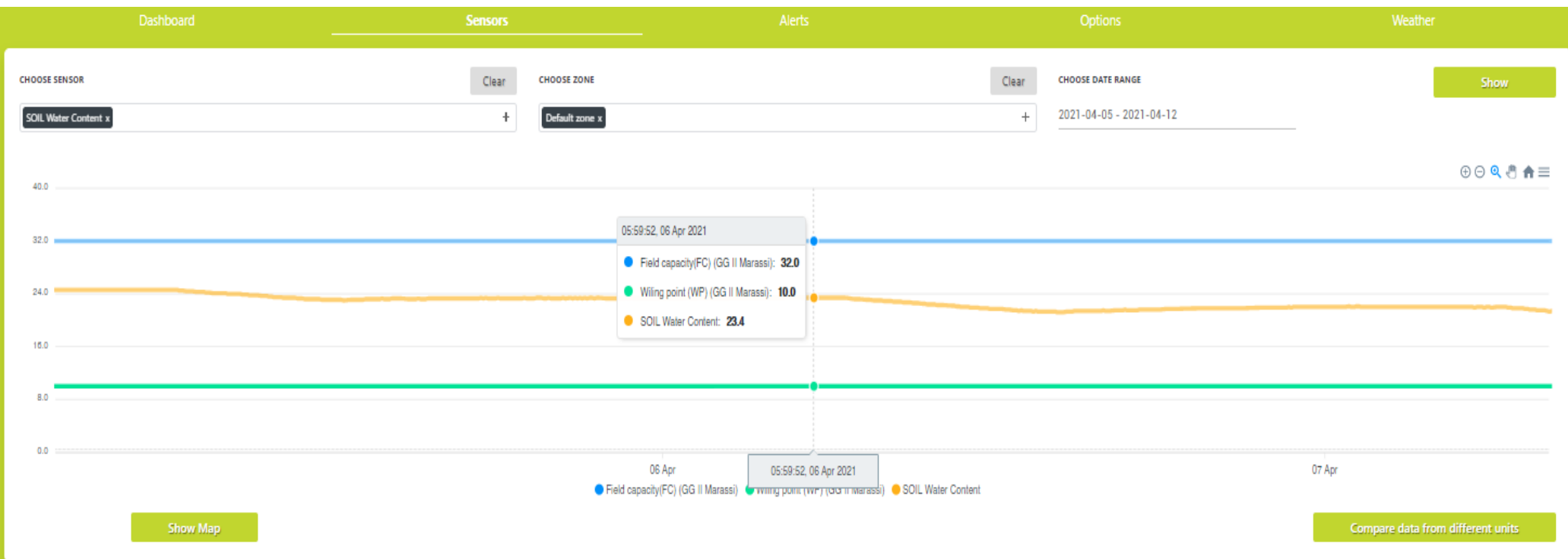
Easy to deploy?



Outcome – What's the situation on my pitch?



Outcome – What's the situation on my pitch?



Outcome – What's the situation on my pitch?




Alarms

STOP ARTIFICIAL LIGHT

✉


LIGHT Daily Accumulation


 > 14mol/m²/d


- Weather station sensors
- Up to 6 sensor in the same time
- Time and value customizable


SEEDING TIME


✉

SOIL T°  > 10°C for 24 h

SOIL T°  < 18°C for 24 h

AIR T°  > 15°C for 24 h

AIR T°  < 23°C for 24 h





Models

Smith-Kerns – Dollar spot model



GDD – Primo Maxxx

SCLEROTINIA HOMEOCARPA

Risk Threshold : 20 %
Current Risk : 9.59 %
Status : ●
Checked at : 2021-04-11 15:40:42

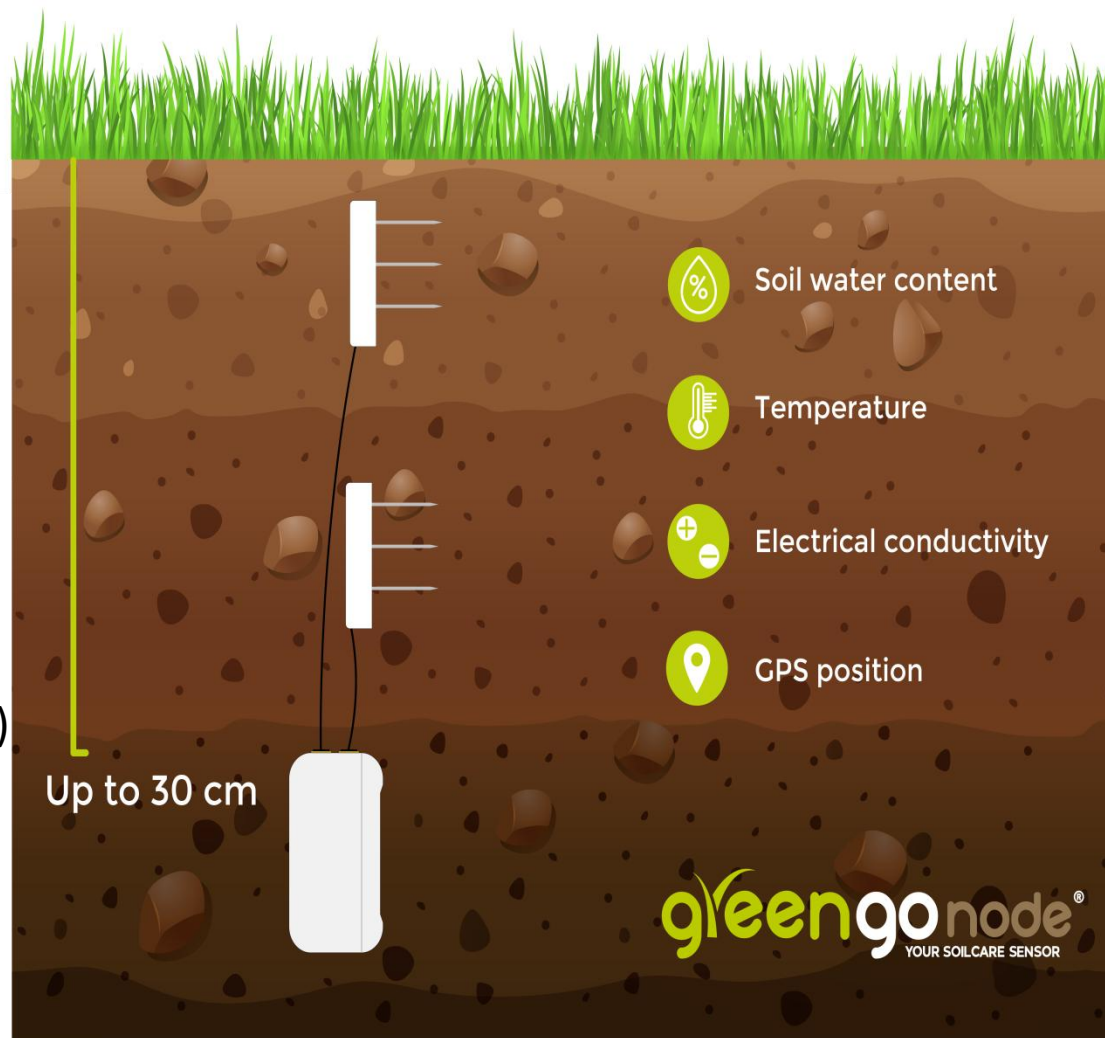
PRIMO MAXXX

Start date: 2021-03-18
GDD interval: 79.5 /200
Base Temp: 0
Checked at : 2021-04-12 15:31:19

GreenGO node

- Stand-alone soil sensors
- No needs of any repeater
- Data transfer: Cellular 2G and NB-IoT
- 2 soil probe (user choice)
- Up to 30 cm depth – average 20 cm
- Data acquisition: customizable
- Battery: 2 years
(depending on data acquisition frequency)

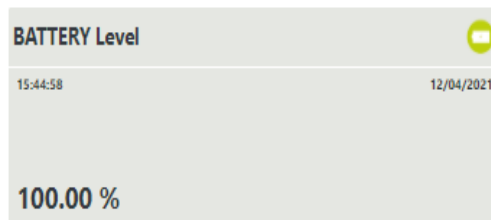
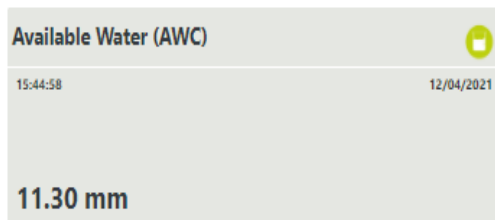
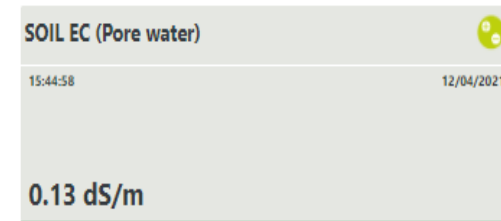
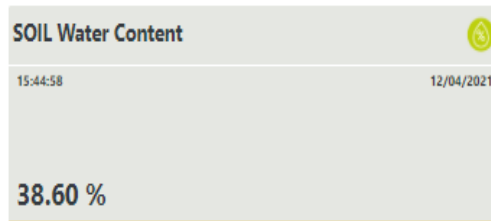


Outcome

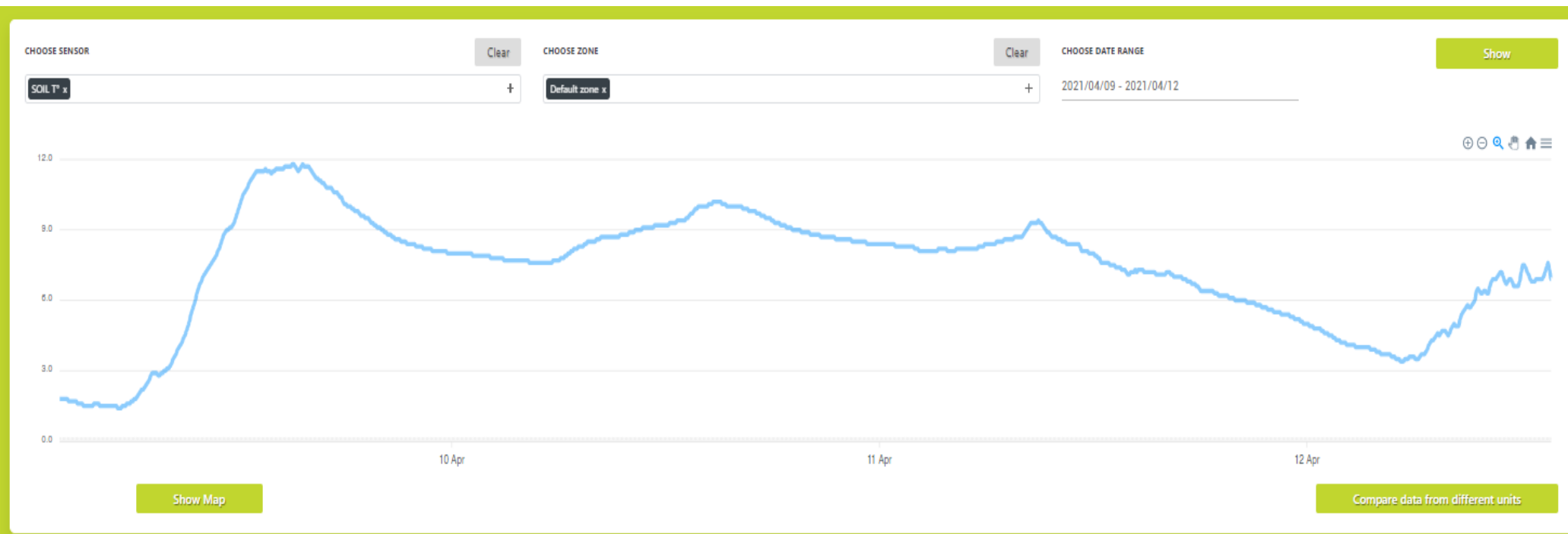


Outcome

Set Sensors Order Level



Outcome

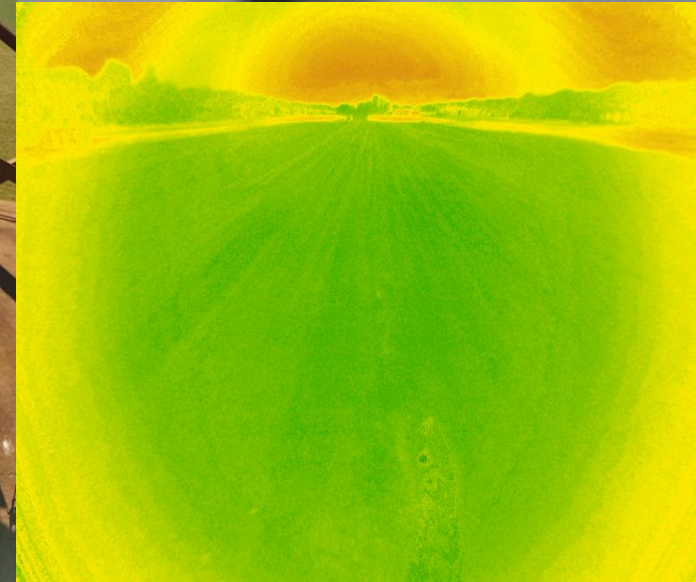


Green-i Camera – End of 2021

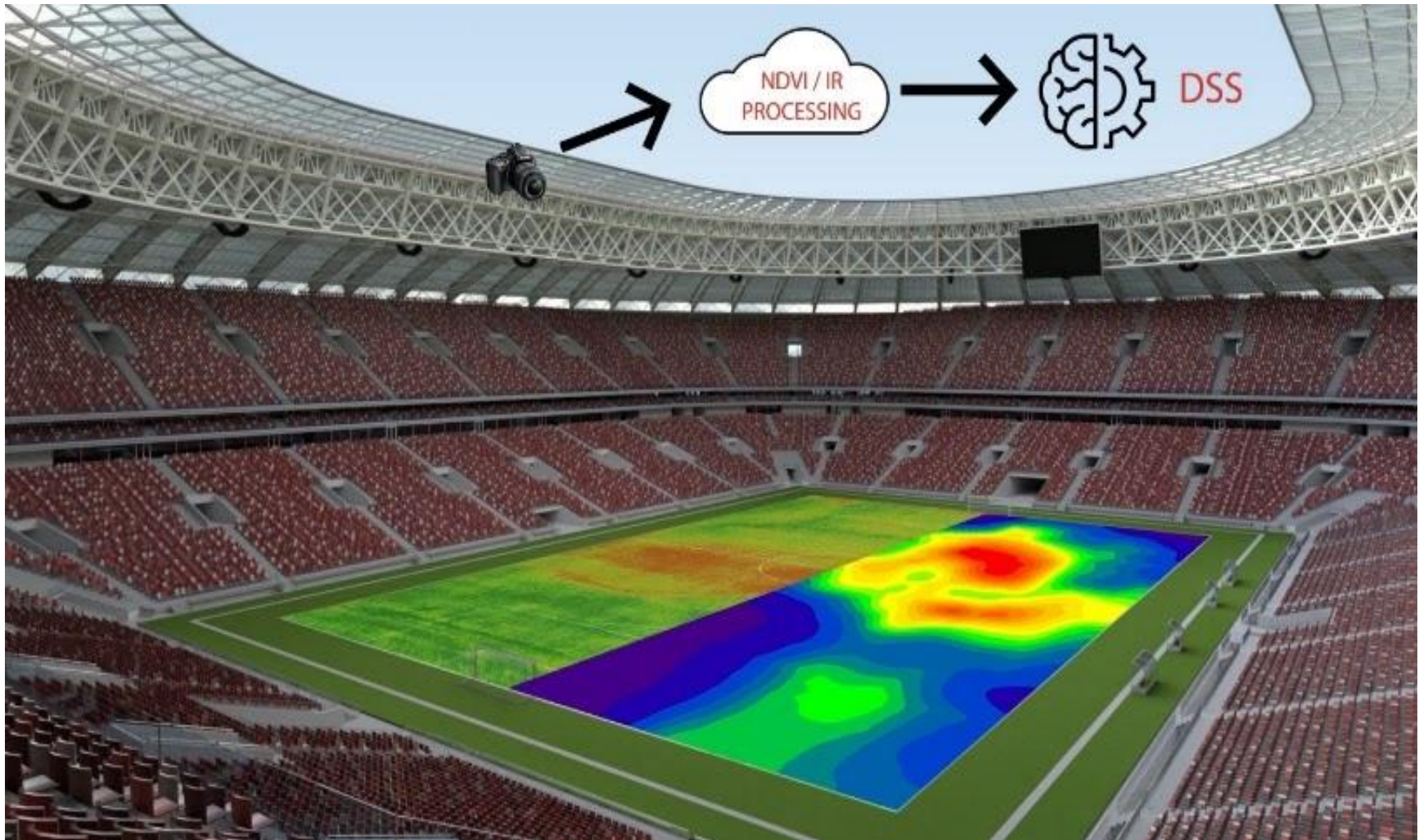
- RGB : general HD monitoring
- Multispectral : NDVI
- IR : Thermal imaging
- Fixed camera on stadium cover



- Get as many pictures as you want
- Immediately available (cloud processing)
- Great flexibility, not dependent on third parties.



Green-i Camera – End of 2021



Software

SELEZIONARE L'ABBONAMENTO

Armando Picchi

SELEZIONARE LA ZONA

Armando Picchi

SELEZIONARE IL TIPO DI INVENTARIO

Concimi

INTERVALLO DATA

2020/07/01 - 2021/04/29

Registro delle attività +

Visualizza

Cerca:

T	Data	Nome	Area (m²)	Dose (kg - L)	N (kg)	P (kg)	K (kg)	Fe (kg)	Mg (kg)	Ca (kg)	Costo €		Note	
	2020-09-14	Pregade	7900.0	20.0	0.0	6.0	4.0	0.0	0.0	0.0	0.0	/	/	
	2020-09-28	Ammonium Sulfate	7900.0	250.0	52.5	0.0	0.0	0.0	0.0	0.0	0.0	/	/	
	2020-10-13	Super Turf	7900.0	200.0	50.0	10.0	10.0	1.8	0.0	0.0	0.0	/	/	
	2020-11-24	Sierraform GT Anti-Stress	7900.0	200.0	30.0	0.0	52.0	2.0	0.0	0.0	0.0	/	/	
	2020-12-15	Floranid Twin Eagle Start	7900.0	300.0	54.0	72.0	15.0	3.0	3.0	0.0	0.0	/	/	
	2021-01-11	Greenmaster Liquid Effect Iron...	7900.0	40.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	/	/	
	2021-02-15	Nitrato di calcio	7900.0	250.0	37.5	0.0	0.0	0.0	0.0	48.5	0.0	/	/	
	2021-03-16	All Season 19-2-9	7900.0	300.0	57.0	6.0	27.0	6.8	0.0	0.0	0.0	/	/	
Total					347.8	101.5	199.5	28.1	9.0	48.5	0.0			
Total(kg/ha)					440.2	128.5	252.5	35.5	11.4	61.4				

Vista da 1 a 11 di 11 elementi

- N
- P
- K
- Fe
- Mg
- Ca

controlgreen[®]

THE TURFGRASS ASSISTANT

Software

- Fertilizers
- Biostimulants (i.e. Algae extracts, humic/fulvic acids)
- Insecticides /Fungicides/Herbicides
- PGR
- Lighting
- Performance (i.e. Clegg hammer, infiltration rate)
- Water /Sooil analysis
- Pest





Thank you
info@greengosystem.com