

Soil Scout

Benefits for Golf Courses

Soil Scout provides the most advanced underground real-time wireless soil sensor and monitoring solution for professionals working in agriculture, golf and sports turf maintenance.



Make informed decisions!

Soil Scout data improves turf health by providing critical insights into soil conditions, which allows golf course superintendents and greenkeepers to make informed decisions and take proactive measures. Here's how it contributes to better turf health:



Optimised Irrigation

Soil Scout monitors soil moisture levels in real-time, preventing over watering or under watering.

Maintaining consistent soil moisture levels ensures that turfgrass receives the right amount of water, reducing the risk of stress, disease and turf damage associated with drought or waterlogged conditions.



Surfactants Monitoring

Soil Scout meticulously tracks soil moisture variations post-surfactant application, validating the effectiveness of your chosen product.

The real-time evidence allows for the immediate adjustment and optimisation of subsequent applications, ensuring consistent and maximised efficacy in every use.



Preventing Compaction

By tracking soil temperature and moisture, Soil Scout helps in identifying conditions that promote soil compaction.

Compacted soil restricts root growth and limits the availability of oxygen and nutrients to the turf.

With this data, measures can be taken to avoid compaction and maintain healthy soil structure.



Disease Management

Soil Scout data can help detect conditions conducive to certain turf diseases, such as those related to excessive moisture or poor drainage.

Superintendents and greenkeepers can adjust irrigation practices or apply preventative treatments based on this information to reduce the risk of disease outbreaks.



Reducing Fertiliser Overuse

Soil moisture and soil salinity data can guide the precise application of fertilisers.

Avoiding excessive salinity or nutrient levels in the soil helps prevent nutrient imbalances and turf stress.

Real-time gains begin underground...

**PERMANENT
WIRELESS SOIL
MONITORING
- NO MANUAL
SAMPLING!**

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Soil Scout has been the biggest thing that has revolutionised our approach to greenkeeping

Stuart Langhorn
Beaconsfield Golf Club



Enhancing Root Growth

Maintaining optimal soil moisture and temperature conditions fosters healthy root development.

Stronger and deeper roots make turf more resilient to stress-ors like drought and traffic.



Timely Aeration & Venting

Soil Scout data can indicate when aeration or venting of the turf is necessary, helping to improve soil aeration, reduce compaction and promote healthier roots.



Customised Maintenance

Superintendents and greenkeepers can tailor maintenance practices based on real-time soil conditions.

This might include adjusting mowing heights, aerification schedules, and irrigation timing to suit the specific needs of the turf.



Sustainable Practices

Using data from Soil Scout to optimize irrigation and soil management practices contributes to overall sustainability by conserving water resources and reducing the environmental impact of golf course maintenance.



Improved Experience

Soil Scout's salinity data safeguards golf courses against harmful salt accumulations, optimising irrigation and fertilisation for healthy turf growth.

This tool significantly reduces maintenance costs while enhancing course aesthetics, supporting both cost-effective and sustainable management practices for an improved golfing experience.

Soil Scout data empowers turf managers with the information needed to create optimal growing conditions for turfgrass, resulting in healthier, more resilient, and aesthetically pleasing golf course surfaces.