

# Using Hawk-Eye Systems @ Baseball Fields



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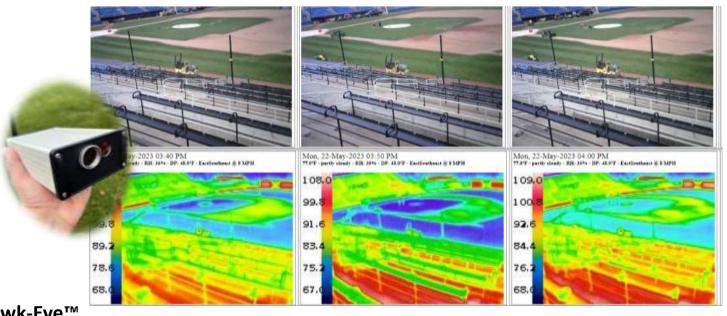


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Hawk-Eye<sup>TM</sup> Systems precisely measures turfgrass canopies and the skin to support precision management of the playing field, helping to ensure excellent playability.



The Hawk-Eye™



It is a color and temperature image data system that autonomously measures and reports real-time and archived image data and pertinent indices, 24/7/365. A unit consists of one thermal camera, one visual camera, camera controller electronics, a communications module for access to/from the Internet, and all image data, indices and notices in real-time and archived.









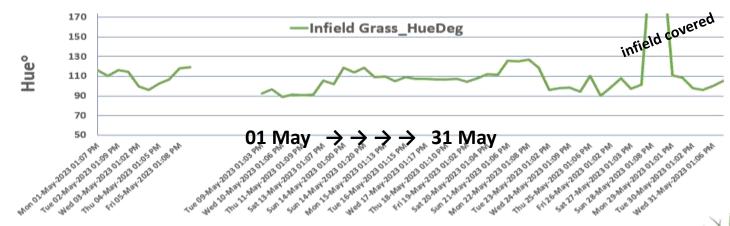


#### Using Hue° to Assess Where Grass is Losing Uniformity



#### Using Hue° to Assess Fertility









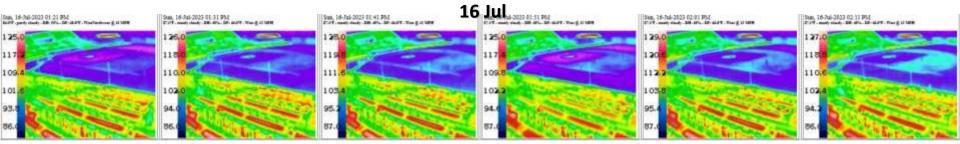
### **Using Skin Temperature to Ensure Uniformity**



rain left puddles for 2 days

Part of the remediation was a Laser Grade 1st week of July





The grade didn't improve drainage.

Deep compaction is the problem.







## **Remediate Compaction**



A Hydrogation Device, put in an irrigation line, runs a small electric current through the water.

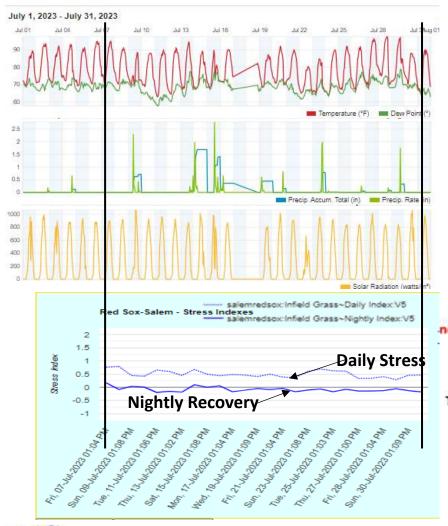
- It conditions the water by converting the crystalline structure of calcium carbonate to aragonite.
- And agitates the water as it passes through so that much of the CO<sub>2</sub> comes out of solution.

In clay soils the water percolates quickly.





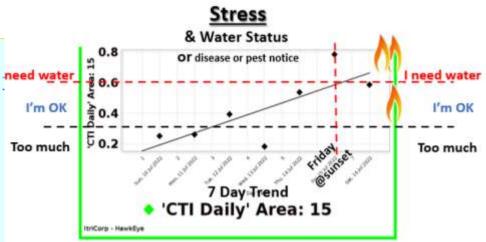




## Using Persistent Canopy Temperature & WX

to

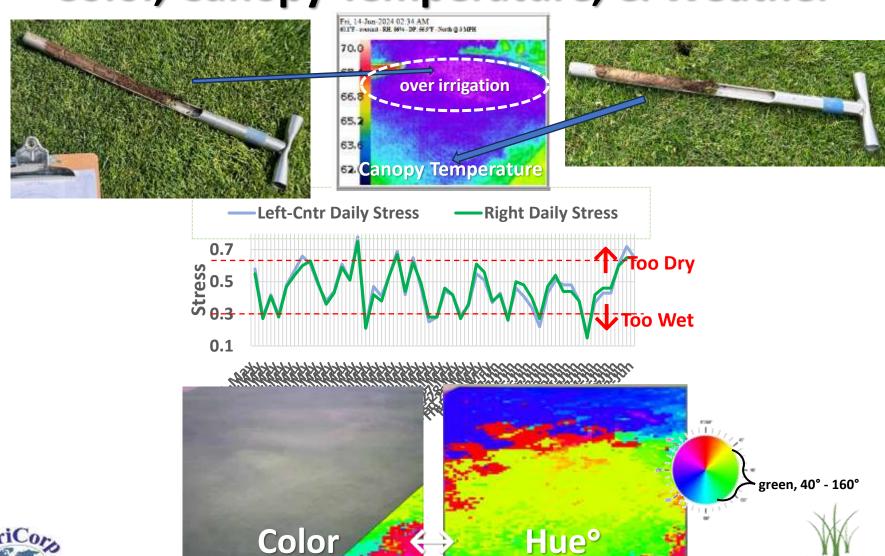
# Assess Turfgrass Stress & Guide Irrigation





# Persistently Measuring Color Concert Towns Park

Color, Canopy Temperature, & Weather



Turf-Vu





# Hawk-Eye's Scout & Measure & Report All Day – Every Day To Whom Ever You Want Using a Std Browser

