

PERFORMANCE OPTIMIZATION PROGRAM

Prime Turf is expanding our service commitment to include field testing to assure our customers that all aspects of the *pHairway* program are being administered in a way that optimizes the program for each customer's specific conditions.

The **Performance Optimization Program** can help assure you that the pHairway program is performing to desired results and give you the information to keep it that way. It is simple.

We collect samples of your untreated source water and from a sprinkler head or quick coupler during a pHairway feed cycle.

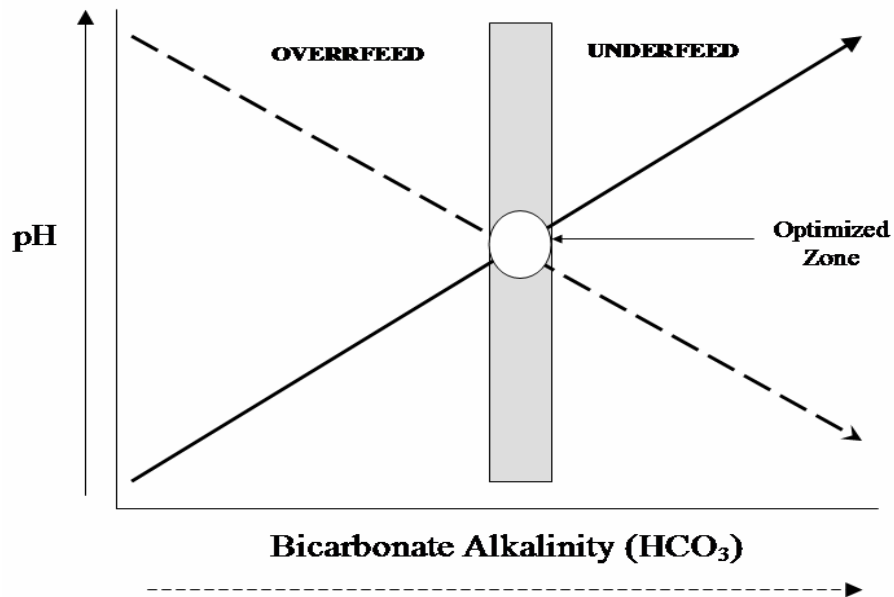
We run several on-site tests to determine the pH /bicarbonate values in both the treated and untreated waters.

This allows us to establish the existing kill rate (BKR) the system is providing.

We then compare the actual performance to desired levels to develop a "report card" on overall system efficacy. The goal is to give you the information you need to make the best use of the program.

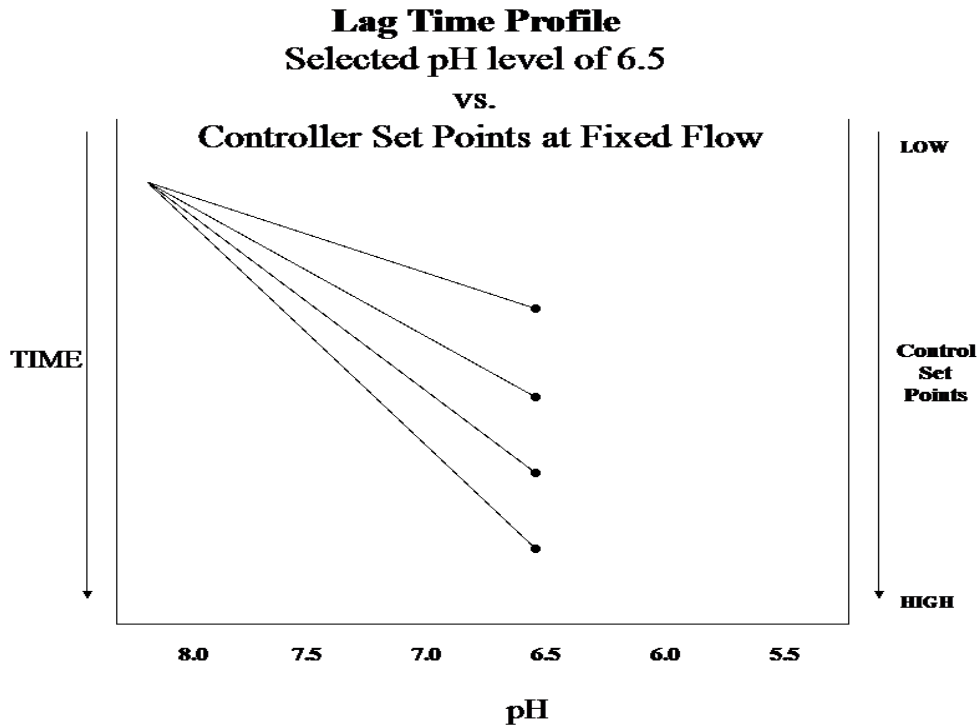
Identifying the **Optimal Bicarbonate Control Zone** for your specific conditions will enhance your ability to use the program to respond to changing requirements.

ESTABLISHING OPTIMAL BICARBONATE CONTROL ZONE



The optimum zone of control is determined via considerations for calcium content and observations regarding actual performance under varying levels of stress. This is an ongoing process of fine-tuning.

In addition, we begin establishing base-line data to determine the Lag-Time Profile at various points around the facility. This helps identify the set-point to performance relationship in real time values.



This exercise has been proven to be useful in determining use rates which need to be figured into your program during intermittent use periods.

In addition, we develop a program for continuing lag time evaluation to assure that the prescribed feed rates are in line with existing irrigation practices. This assures the elimination of any over/under feeding.

Afterwards, we meet to review the data, our recommendations and determine future goals and considerations.

The net result of this work is a greater working knowledge of how the program is performing and how it can be fine-tuned for greater performance .

