

The next generation of probiotic technology

**COMPARATIVE RESULTS BETWEEN USING BIOFEED SOLUTIONS PRODUCTS, GREEN RELEAF PRODUCTS AND CHEMICAL FERTILIZERS
PITTSBURGH, PENNSYLVANIA**

ABSTRACT

GreenReleaf products was considered throughout the golf industry to be one of the top performing bio-fertilizers on the market until 1997 when Biofeed Solutions challenged GreenReleaf in a comparative study which was conducted by GreenReleafs' largest distributor, United Horticultural Supply (UHS).

BACKGROUND

Turf grass treated with Biofeed Solutions Products was compared to turf treated with GreenReleaf Products and was evaluated by UHS for disease control, root growth and color. If the turf quality proved to be superior in the Biofeed treated areas, the distributor conducting the test committed to promote Biofeed Products during 1998.

The test was conducted at Mt. Lebanon Country Club and began July of 1997.

APPLICATION

Several Greens were divided into 4-plots with each plot being fertilized differently as follows:

- The Biofeed plot was treated at the rate of 1 gallon of Multi-Care and 2.5 gallons GRO-MAX per acre every 14 days. (0.08# Nitrogen per 1000 sq ft every 14 days.
- The Green Releaf plot was treated with Bio-A, Bio-B, Plasma and 0.2# nitrogen per 1000 sq ft from GreenReleafs' poultry based fertilizer every 14 days.
- Chemical Fertilizer consisting of 0.2 pounds of nitrogen per 1000 sq ft from greens grade fertilizer were applied every 14 days.
- Control: nothing applied except water.

RESULTS

The Biofeed treated areas remained disease free during the entire test. The Green Releaf areas experienced outbreaks of Brown patch and Dollar Spot and required two fungicide treatments. The Chemically fertilized areas required three fungicide treatments and the Control areas required four fungicide treatments.

The Biofeed treated areas averaged over 27% greater root mass and 33% more length than any other area. Further, the Biofeed treated areas exhibited substantially better color and the distributor considered the Biofeed areas to be clearly superior to the Biofeed areas and committed to actively promoting Biofeed Solutions Products throughout 1998.

By year 2000, the distributor had introduced Biofeed to many golf courses, sod farms and landscapers with exciting results in virtually every instance.