

UCRTRAC Accumulative Research Summary
Section C: Unbiased Product Testing (fertilizers, pesticides, equipment, etc.)
Project 6

Title: Annual Evaluation of Bio-Feed Fertilizer on Tall Fescue

Objective: To evaluate the performance of foliar-applied Bio-Feed fertilizers and other granular-applied fertilizers when applied to tall fescue for one year, in terms of visual quality ratings, clipping yields, clipping elemental analyses, root mass density, and soil elemental and physical analyses.

Location: A mature plot of Bonsai tall fescue located at the UCR Turfgrass Field Research Facility.

Duration: 1 year

Funding Source: Pacific Technical Service

Findings:

- The visual turfgrass quality of Bio-Feed treatments was similar to other fertilizer treatments.
- Root mass density was similar among all fertilizer treatments.
- Soil salinity, physical, and fertility measurements were similar among all treatments.
- Bio-Feed treatments resulted in higher leaf concentrations of N, P, S, Ca, Mg, Zn, Mn, Fe, and Mo when compared to other fertilizer treatments.

Status: A one-year study was completed and a final report was prepared.
