

2015 Weed Research Projects - Turfgrass

Research Projects:

Tolerance of turfgrass cultivars: Our studies continue to establish the tolerance of Kentucky bluegrass cultivars under NTEP project to amicarbazone. We will continue to evaluate these products for their safety to other turfgrass species.

Use directions for herbicide treatments. Much of our field research is aimed at gaining information on various phases of herbicide application that will influence specific label directions for herbicide use in various turfgrass species. New herbicides are being evaluated for their efficacy, turfgrass safety, and residual control of weeds under Massachusetts conditions. Herbicide formulations, additives, and combination products have been included for various turfgrass studies. This is extremely important to the user groups in Massachusetts for weed management under diverse ecological systems. Also, this information leads to Weed Control Recommendation Guide for Turfgrass - New England States.

Development of low maintenance strategies with growth regulators: Use of growth regulators along with various cultural practices may enhance our weed management practices in turfgrass areas, including golf courses. Spring and fall treatments of growth regulators have been examined for their effectiveness in *Poa annua* control in putting greens. Safety of these growth regulators is being examined carefully in relation to bentgrass growth and development over a period of several years.