MOSS CONTROL ON GREENS J.M. Vargas, Jr., N.M. Dykema, and A.R. Detweiler

Moss has become a serious problem on golf courses, particularly on greens where it causes interference with putting by creating an uneven surface. It also results in poor aesthetics. Many products claim the ability to selectively eradicate moss from turfgrass stands, so a test was established to determine which treatments were the most efficacious. A "moss control study" was established on an annual bluegrass/creeping bentgrass green. The study was divided in half with the eastern half of the study being walk-mowed and fertilized with urea at 1/8 lb nitrogen/1000 ft² per week, and the western half being mowed with a triplex mower and fertilized with 18-3-12 at ½ lb nitrogen/1000 ft² every 14 days. Total nitrogen on each half of the study is ½ lb nitrogen per 1000 ft² per month. Treatments were initially applied on June 18, 2004 with reapplications made according the intervals listed on the plot signs. A few experimental treatments that were applied initially were not reapplied due to severe phytotoxicity. Some damage can still be seen on some of those plots.