

The Future of Dollar Spot Control

Brandon Horvath and Dr. Joseph Vargas, Jr.
 Department of Plant Pathology

Dollar spot is the most important turfgrass disease worldwide and often causes damage in the form of small, straw-colored spots about the diameter of a silver dollar, which is where the disease derives its name. Currently, our preferred method of control is to apply the fungicide chlorothalonil to eliminate the disease. However, chlorothalonil has come under scrutiny by the U.S. EPA and the amount of chlorothalonil available for application is going to be regulated in the future. For this reason, the study of how dollar spot populations spread over time and space is important. The information generated by this project will impact superintendents by developing predictive models that will integrate with the new variable rate spray technology that is coming online as well as GPS technology. These tools will enable superintendents to eventually forecast the risk for dollar spot over their own golf course, or even over an entire region. Ultimately, the future of disease control will reside with these technologies. They will allow superintendents to make focused applications of pest controls while delivering the high quality playing surfaces golfers have come to expect.

1	TO 2390 8 oz	14
2	TermCyte 8 lbs	14
3	Dawn Delongon 4 fl oz	1,2 then 14*
4	Moss Mester 1 lb (in 35 gal drench)	7
5	Kockle 1 lb (in 5 gal)	14
6	Sporeite 3.75 fl oz	14
7	Sporeite 3.75 fl oz	7
8	Ionized Copper - 100 ppm	7
9	Scout's Moss Control Granules 3.66 lbs	7
10	Garden Safe Moss & Algae Killer 30 fl oz (in 25 gal)	28
11	Schweizer M. Royal 140 g (in 2 gal)	14
12	Schweizer M. Royal 140 g (in 2 gal)	28
13	Ionized Copper - 10 ppm	7
14	Control	-

*Applied as needed on 14-day schedule.