

PEER-TO-PEER: BETTER TURF THROUGH NETWORKING

Question for Superintendents and Assistants: What type of spray tips and at how many gallons per 1,000 square feet do you incorporate into your pesticide and spoon feeding programs?

We are switching nozzles at **North Links** this spring as a result of the Syngenta talk at the Green Expo. We were using Tee Jet XR 8008 but there was some striping seen in the tracker dye. When spraying a surface like the parking lot, it wasn't noticeable but on the green you could see the light and dark stripes from the tracker dye. I am going to switch to the 110 deg. tips rather than the 80s to try to get a more uniform coverage. So we are going to the XR 11008. At the speed that we travel and running at 38psi we put out 1.95 gal/1,000. - *Eric Peters, North Links Golf, North Mankato*

At **North Oaks** we utilize the TeeJet XR 8006 for basically all applications of plant protectants and fertilizers. Using 32 psi we apply 1.15 gallons of water per 1,000 square feet. Information at the PACE web-

site indicates that foliar products work best at one gallon per thousand and only root-targeted products need two gpm. Also, watering in a product can wait until the normal evening irrigation cycle without any loss of product effectiveness, something that is news to me. - *Jack MacKenzie, CGCS, North Oaks GC, North Oaks*

At **The Ridge at Castle Pines** it all depends on the product being applied and where it's being applied. Since many of our green spraying tank mixes include products such as systemic fungicides and wetting agents, we use a walk-boom with two Boom X Tender XT020 nozzles (made by Hypro). At 30 psi this provides 2.22 gpm and gives perfect coverage with no wheel marks or chance of streaking. On fairways and tees we use the Turbo TeeJet 11008's at 45 psi providing 1.19 gpm. -

David J. Soltvedt, The Ridge at Castle Pines North, Castle Rock, Colorado

At **Wildflower** we use Tee Jet AI 11004VS nozzles for foliar fertilizers and growth regulators. These are air-induction nozzles that allow very little drift potential. These are used at 40psi and 1.27 gallons/mft2. Our plant protectant nozzles are Tee Jet XR 8008VS, at 40 psi, and are calibrated to 2.3gallons/mft2. We have both of these nozzles set up on a three nozzle bank, with the third one being a blank or spare. - *Chris Leach, Wildflower GC, Detroit Lakes*

At **Dellwood** we use the TurboDrop air

induction nozzles. For greens and tees we use 2 gal./1,000 and this year we will be spraying fairways with 1.5 gal./1,000. Previously we sprayed fairways with .8 gal./1,000. - *Eric H. Peterson, Dellwood Hills GC, Dellwood*

At **Madelia Golf Course** I use the Turbo TeeJet (TT11008) on all pesticide applications. I run my sprayer at 5 mph using 40 psi which gives me 1.1 gallons per 1,000 square feet. Tips run at 0.80 gpm. - *Shawn Swenson, Madelia GC, Madelia*

At **Como** we use and the TeeJet XR 8008 for applying plant protectants and fertilizer for our greens and tees we are at or near two gallons of water per M. We spray at 30 psi. For the fairways and roughs we use a Turbo TeeJet TT11004 at 30 psi. - *Stephen R. Dinger, Como GC, St. Paul*

At **Tanners**, we use the Turbo TeeJet Flat Spray Tips #11008 White. This will deliver 1.5 gallons per 1,000 at 15 psi for our greens, tees and aprons. - *Kevin Clunis, CGCS, Tanners Brook GC, Forest Lake*

At **Hazeltine**, our greens sprayer is calibrated to spray at three gallons of water per 1,000 sq. ft. There are two flat-fan #7.5 nozzles at each of the 12 locations along the spray boom. The two flat-fan nozzles are mounted so that the first one is angled slightly forward and the second one is angled slightly backward. The coverage from this arrangement is greatly improved from the single cone-type #15 nozzles that we had used for many years. - *Joe Maloney, Assistant, Hazeltine National GC, Chaska*

We are going to try some new tips this year at Somerset. We will use Twin-Jet 11010 nozzles that will produce a medium droplet size across broad pressures. Those will be used for contact applications. We apply 2.3 gallons per 1,000 square feet on our greens and 2 gallons per 1000 square feet on our fairways, so it is hard to find a nozzle that can handle that kind of volume and still make a reasonable droplet size. For systemic type applications we will use either Turfjets or Delavan Raindrops. - *Josh Olson, Assistant Superintendent, Somerset Country Club*

163 Yard Par 3 eighth hole at the Refuge Golf Club in Oak Grove, Minnesota.



HERFORT ■ NORBY Golf Course Architects

100 East Second Street, Suite 200, Chaska, MN 55318
Phone: 952.361.0644 Fax: 952.361.0645
e-mail: golfnorby@earthlink.net
web: herfortnorby.com