

SPRINKLER SMARTS WORKSHOP

WATERWISE IRRIGATION RESIDENTIAL SEMINAR

This program began in 2011 as “Sprinkler Smarts”, a small pilot project with the City of Allen, City of Frisco, and City of McKinney, with Ewing Irrigation and Dallas Irrigation Association as partners to provide the irrigation supplies and irrigation expertise. Because of the potential water savings through irrigation systems in these three cities, and the amount of questions from residents concerning their irrigation systems, it was felt the best way to educate would be through hands-on live working demonstrations of irrigation systems. The idea was to create portions of an irrigation system above ground so that attendees could see the components in action, while a professional irrigator explained. Eight different stations were created, one about water supply, each other explaining a specific portion of the irrigation system, and/or where potential water savings could occur.

STATION 1: OUR WATER SUPPLY



Water supply education through an interactive board with Water IQ messaging on gallons of water used on specific tasks and brochures provided by NTMWD.

STATION 2: HOW IRRIGATION SYSTEMS WORKS



Demonstration of the various components of spray and drip zones by professional irrigator.

STATION 3: SIMPLE REPAIRS



Common problem demonstration and how to make simple repairs to various residential irrigation components as well as new high efficiency nozzle product introduction to increase water saving.

STATION 4: PRESSURE REGULATION



Demonstration of high pressure and low pressure, the effects on a spray head vs. a rotor head, and pressure requirements of spray heads vs. rotor heads.

STATION 5: DISTRIBUTION UNIFORMITY



Demonstration using catch can cups to explain importance of head-to-head spacing for even distribution of water through an irrigation system.

STATION 6: CONTROLLERS



Demonstration of common residential irrigation controllers and how to program properly for both spray and rotor heads explaining the cycle-soak method and seasonal adjustments.

STATION 7: SPRINKLER CHECK-UP



Explanation by professional irrigator on the importance of regular inspections of the irrigation system recommending at least once a month checks of each zone for potential problems.

STATION 8: NEW PRODUCT DEMONSTRATION



Irrigation manufacturers demonstrated new products including high efficiency spray nozzles, ET or SMART controllers, spray bodies with check valves, and pressure compensating equipment.

www.CityOfAllen.org/SprinklerSmartsVideo

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