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Dotty Woodson is an Extension Program Specialist for Water Resources. She is located at the Texas AgriLife Research and Extension Urban Solutions Center in Dallas, TX. Woodson works with the Water Resources Team to provide landscape water conservation, rainwater harvesting and irrigation efficiency information in Tarrant, Dallas, Denton, Collin and other counties. Woodson addresses homeowners and professionals to provide the most sustainable information about landscape water use from design and plant selection to water conserving landscape management practices. Woodson started with Extension in May 1995 as a county Extension agent in Tarrant County. Woodson has B. S. and M.S. degrees in Horticulture from Tarleton State University and a doctoral degree from Texas A&M and Texas Tech. She is a contributing author for *Gardening in Fort Worth* and *The Lone Star Gardener's Book of Lists* and the CD and computer web site, *Texas SmartScape*. She writes a weekly garden column for Fort Worth Star-Telegram and Meadowbrook News. She appears weekly on NBC5 Sunday morning news. She produces a television series on Times Warner, "Gardening with Dotty," and Fort Worth Community Cable, "Extension In the City." She appears regularly on HGTV "Gardening by the Yard" with Paul James and "Backyard Boomers" on the Health and Wellness channel. She has won numerous national and state awards for her horticulture programs, media work and Master Gardener and Junior Master Gardener programs.

Synopses

Irrigation Efficiency

Irrigation efficiency is essential for sustainable landscapes in the future. Landscape water conservation is the easiest and least expensive method to make water resources sustainable. If designed, maintained and scheduled correctly, an irrigation system benefits the landscape and prevents excess water usage. This session will cover why landscape water conservation is a critical issue, how efficient irrigation will make a difference, how to set an irrigation controller, how to check an irrigation system to make sure it is working properly, how to make minor repairs and new irrigation technologies that conserve water.

Drip Irrigation

Drip irrigation is 90% efficient compared to spray irrigation that may be as little as 35% efficient if not designed and maintained properly and only as much as 60 % efficient if designed and maintained properly. This session will cover different types of drip irrigation, installing drip irrigation off a garden hose faucet, converting an existing irrigation system to drip irrigation and maintaining a drip irrigation system. This session is good for those interesting in doing it themselves or contracting a licensed irrigator to do it for you.