



The Toro Company

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For Immediate Release

Toro Introduces Precision™ Series Spray Nozzles With Toro H²O Chip Technology

RIVERSIDE, Calif. (Nov. 2, 2008) - The new Toro Precision™ Series Spray Nozzles with Toro-exclusive H²O Technology represent the most significant breakthrough in spray nozzle technology in over 60 years. These nozzles deliver a significantly lower precipitation rate, expand the selection of arc choices for increased precision, and conserve water with better edge definition and improved wind resistance while effectively maintaining turf and landscape.

With an application rate of 1" per hour, wasteful run-off and over-saturation of the soil can be significantly reduced without compromising restrictive water windows prevalent on larger commercial jobs. "With the Precision Series Spray Nozzles, flows are reduced, less water is used, and it is applied more efficiently to achieve outstanding results," said Don Fisher, product and marketing manager for Toro Irrigation. "The lower precipitation rate, along with the nozzles' ability to work just as reliably with higher operating pressure, result in the precise, efficient and uniform distribution irrigation contractors and property owners desire."

Toro Precision Series Spray nozzles look, install and adjust like conventional spray nozzles but they perform more like rotors. Their new Toro H²O Chip Technology lets them achieve distances of throw equivalent to those of conventional spray nozzles – but with one-third less flow and higher overall irrigation efficiency.

Each nozzle is powered by one or more patented "chips" that, when used in multiple configurations, offer an extensive selection of nozzles in various arcs and radii. These variations, generated by Toro's H²O Chip Technology, incorporate hyper-streams of water that oscillate at high-frequency, back and forth, within a specially designed chamber and upon exit. This pattern – which is invisible to the naked eye and only detectable using strobe light illumination – oscillates at 200 cycles per second. Yet the nozzles have no moving or sonic-welded parts, so they provide consistently reliable performance. Visible results include superior edge definition, lower water use and healthy, attractive turf and landscapes.

The “O” in H²O Chip Technology stands for “One,” as in one inch per hour precipitation rate and one-for-one installation when replacing conventional spray nozzles. There is an “O” stamped atop each color-coded nozzle.

The Precision Series Nozzles are less sensitive to higher operating pressures, which eliminates the need to reduce pressure to 30 psi, as is required with most spray heads. At 30 psi, the most popular brand of 12-foot sprays must use flow rates 74% greater than the Toro Precision Series 12-foot spray nozzles.

“These new nozzles control misting and blow back up to 50 psi, which virtually eliminates costly water waste and optimizes the effectiveness of the water used for irrigation,” said Fisher. “Overall, these nozzles use less water, reduce irrigation costs and deliver better results.”

Indeed, irrigation professionals will want to install or specify Toro Precision Series Spray Nozzles because only Toro can offer:

- Matched precipitation rate performance across all radii and strip models, even after radius reduction – an industry-first for spray nozzles.
- A pre-attached screen for added convenience and easy installation.
- 20 to 50 psi pressure range – resulting in no wasteful fogging or misting.
- Nozzles available in male and female threaded models for optimum design flexibility and large-scale retrofit projects.
- No installation learning curve. Precision Series Spray Nozzles install just like conventional spray nozzles.

The Precision Series Spray Nozzles are available in models with a radius of between 5' and 15', and the nozzle tops are color-coded to indicate the specific radius. They are available in models with 9 different arcs between 60° and 360°, and specialty arcs such as right and left corners and center strips. They can be used with operating pressures of between 20 and 50 psi.

For more information, contact your local authorized Toro Irrigation distributor, call 877-345-8676, or visit www.toro.com.

About The Toro Company

The Toro Company (NYSE: TTC) is a leading worldwide provider of turf and landscape maintenance equipment, and precision irrigation systems. With sales of nearly \$1.9 billion in 2007, Toro’s global presence extends to more than 140 countries through its reputation of world-class service, innovation and turf expertise. Since 1914, the company has built a tradition of excellence around a number of strong brands to help customers care for golf courses, sports fields, public green spaces, commercial and residential properties, and agricultural fields. More information is available at www.toro.com.