

TORO

Count on it.

Precision™ Series Spray Nozzle

Sprays

Male- or Female-threaded Nozzles Fit Toro®, Irritrol®, Rain Bird® and Hunter® Spray Bodies



The Patented H₂O Chip
No Moving or Sonic Welded Parts



Assures no variation at the end of the water arc for better edge definition and consistent, reliable performance.

PSN with PCD Performs Under Pressure!

Competitor's High Flow Nozzle:
1.2H Nozzle at 50 PSI = 1.83GPM
or 2.45"/hr.*

PSN with PCD Nozzle:
1.2H Nozzle at 50 PSI = 0.74 GPM
or 1"/hr.*

Up To
60% Less
Water!

Toro's Precision™ Series Spray Nozzles are the most complete and efficient spray nozzle line available to help irrigation professionals manage water use, eliminate runoff and reduce customer water bills. The Precision™ Spray nozzles 1"/hr. precipitation rate ensures that water is applied more slowly and evenly without sacrificing landscape health. These nozzles are available in a wide selection of arcs and radii, as well as male and female threads, making them ideal for large scale installations and retrofits. The Precision™ Series Spray Nozzles are now also available in pressure-compensating versions, further enhancing the best-in-class spray nozzle in the industry.

Features & Benefits

Patented H₂O Chip Technology

Using patented H₂O chip technology – and no moving parts – each Precision Series Spray nozzle creates one or more high frequency oscillating streams to achieve the desired arc and radius with 1/3 less water usage.

Maximize Irrigation Efficiency

Precision Spray nozzles deliver an industry first 1"/hr (25mm/hr) precipitation rate, which better matches soil infiltration rate. This lower precipitation rate, along with high distribution uniformity make this nozzle family the most efficient nozzle from 5'-15' (1,5-4,6m).

Pressure-Compensating Versions Available

Pressure-Compensating Precision™ Series Spray Nozzles maintain 1"/hr (25mm/hr.) precipitation rate and minimizes misting up to inlet pressures to more than 40 PSI, minimizing the need for a regulating head, at fraction of the cost.

Design and Retrofit Effectiveness

The lower flow rate of Precision Series spray nozzles maximizes design efficiency and saves on overall material costs by using fewer valves and less controller stations. In addition, existing systems with low pressure can be fixed with a simple retrofit of the existing high-flow nozzle.

Third-Party Performance Validation

Precision™ Series Spray nozzles (non-Pressure-Compensating versions only) have been tested and validated in the field and at the Center for Irrigation Technology (CIT).

Pressure Compensation Device

The elastomeric PCD disk opens and closes in response to changes in inlet pressure to maintain optimal performance, even when the pressure rises higher than 40 psi. The Pressure-Compensating versions are indicated by the red stamped Toro logo, while the non-Pressure-Compensated versions are indicated by the white stamped Toro logo.

