Senninger® Innovations

1963

Senninger's very first product was an Insect Proof™ IMPACT SPRINKLER. Enhancements throughout the years have continued to meet the needs of solid set irrigators.

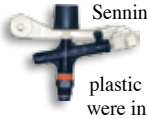
1966

Recognizing the importance of maintaining correct system pressure, Senninger introduced the first high quality in-line PRESSURE REGULATOR.

1969

Senninger developed the color-coded nozzle system which has become the standard for the industry.

1973



Senninger's low angle undertree plastic sprinklers were introduced.

1974

High pumping costs and the need to conserve water led Senninger to develop the industry's first low-angle pivot impact sprinkler, the Windfighter™ .

1975

Senninger began production on Pivot-Master® Sprinklers with brass and plastic components designed specifically for center pivots.

1979

The world's largest thermoplastic impact sprinkler, the 8025, was introduced for higher volume and land treatment applications.

Senninger introduced the SUPER SPRAY®, the industry's most versatile spray nozzle.

Various deflector pads are used to customize angle and droplet size.

1980

Senninger began manufacturing the WOBBLER® family of spray heads, which are still the most uniform sprinkler available.

1983

Senninger responded to the challenge of low water availability in West Texas with the first drag hose adapter for spray nozzles.

1986

Senninger enhanced Low Energy Precision Application technology with the QUAD SPRAY®, a four-mode LEPA head.

1990

The Senninger Low Drift Nozzle (LDN®) improved pivot irrigation as the first spray nozzle with multiple pads to help reduce water lost to wind drift.

1993

Senninger introduces WinSIPP2 software to simulate application uniformity of sprinkler layouts before the system is installed. It compares different spacing, sprinkler models, nozzle sizes, and operating pressures to determine optimal design for a specific application.

1994

The Irrigation Association presents Senninger Irrigation Inc. with the Industry Achievement Award for "Outstanding contributions to the development of the irrigation industry and the products used by it."

1997

The PSR (Pivot-Special Regulator™) with a ½ to 15 gpm flow range was introduced. With already over a million units put into service, it's proving to be the most reliable regulator on the market.

1998

Senninger introduces Irri-Maker software to evaluate irrigation installation alternatives in advance. It surveys any terrain, produces a contour plan, draws the details, and applies the irrigation design. Optimizes irrigation system design by combining information from various sources and provides a comprehensive list of materials along with detailed hydraulic reports.

1999

The I-WOB® (inverted Wobbler) was introduced, delivering outstanding uniformity over a large area at low pressure. Senninger also introduced the first below-the-nozzle weight.

Senninger utilized the off-center rotary action of the Wobbler to provide outstanding uniformity in the MINI-WOBBLER® Upright and inverted models available.

2000

The integral weight concept was adapted for the LDN. When used with the bubbler pad, it allowed gentle in-the-furrow application.

2003

Senninger introduced the double barb gooseneck and truss rod hose sling allowing two applicators to be used from each pivot outlet thus dramatically decreasing application intensity.

Senninger's Pressure Regulating Limit Valve is introduced to limit static (no flow) water pressure when a shut-off valve is used downstream of regulation point. It limits downstream pressure and protects downstream components, handling varying inlet pressures.

2004

Senninger added counter balance technology to the Wobbler concept to introduce the low vibration XCEL-WOBBLER®.

2006

Senninger introduced the SMOOTH DRIVE™ with a unique "walking diffuser" to eliminate leg shadows often associated with bracket interference of spray nozzles.

Senninger introduced the DRAIN STOP PLUS™ , offering three functions in one device – open, closed, and check. It prevented draining from overhead applicators at system shut-down.

The XI-WOB® was introduced for rigid drop installations, providing outstanding uniformity over a large area at low pressures.

Senninger introduced the MISTER™ with uniform distribution ideal for short cycle applications like propagation. Upright and inverted models available.

Senninger's Extended Flow Pressure-Master Regulator is introduced specifically for larger flow installations. It is ideal for installations requiring accurate zone pressure regulation, maintaining a constant preset outlet pressure while handling varying inlet pressures.

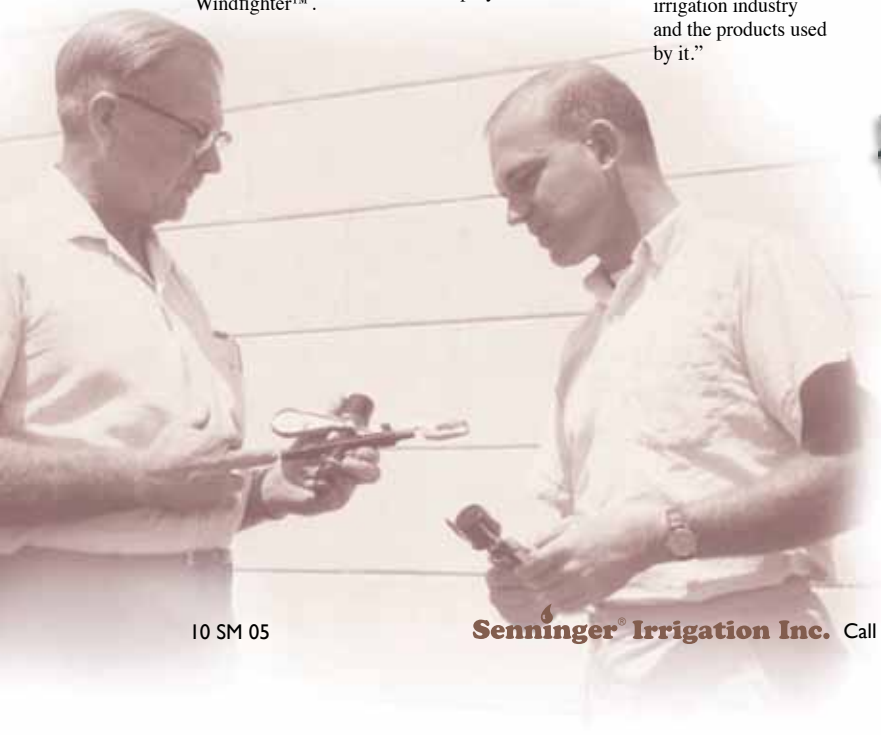
2009

Senninger introduced the END SPRAY an efficient low pressure alternative for irrigating corners and edges, especially where the flow and radius required is less than traditional end guns.

Senninger introduced THE ONE WEIGHT with unique "fit technology" that allows it to fit securely onto several different applicators.

2010

Senninger introduces the UP3 (Universal Pivot Products Platform) models of the i-Wob, Xi-Wob and LDN with a unique "click-in" nozzle and integrated base design.



Senninger® Irrigation Inc. Call (407) 877-5655 • Web: www.senninger.com