

## NaanDanJain New Releases and Product Updates



### Drip Irrigation

#### New Product Introduction

##### TopDrip



NaanDanJain is pleased to introduce its new and innovative dripline -TopDrip - the most economical, pressure-compensating dripper with excellent hydraulic performance and high clog-resistance.

TopDrip incorporates a dripper with the Cascade labyrinth technology, designed for efficient self-cleaning. TopDrip is currently available with a flow rate of 1.1 l/h. Additional flow rate capacities will be launched during the course of the year.

This PC dripline is available in diameters of 16-23 mm, with a wall thickness of 13-35 mil.

An anti-siphon version will also shortly be launched.

#### New Product Features

##### AmnonDrip - Three New Product Features Adapted to Various Applications



PC



PC CNL



Anti-siphon (AS)

AmnonDrip, NaanDanJain's pressure-compensating, non-drainage dripline, has been irrigating thousands of acres around the world since its launch date and has proved its reliability and precision in operation. Some recently-introduced features and flow ranges make this all-purpose dripline a good choice for pulse irrigation of greenhouses, vegetables and orchards, as well as for sub-surface drip irrigation.

The anti-siphon feature prevents suction of soil particles during system shutdown and is particularly suited for sub-surface applications and sandy fields. It also enables shortened operating time.

The CNL mechanism is the most efficient in the drip irrigation market, with a low opening pressure of 10 m and a relatively high closure pressure of 2.5 m.

AmnonDrip is currently available in the following versions: PC, PC CNL and AS, with flow rates of 1.1, 1.6 and 2.2 l/hour.

#### Click Tiff -

##### Button Dripper at a New Discharge Rate



A discharge rate of lower than 1.3 l/h has been added for special applications and for intensive irrigation.

**Drip plug** - a dedicated plug enables the closure of individual drippers at the nursery. In addition to preventing wetting and superfluous damage, it also saves water.

#### Flushing Valve



Drip lateral flushing is a simple and crucial work practice for the efficient maintenance of driplines. The new automatic 1/2" flush valve is designed to clear accumulated dirt from any dripline. It automatically controls the duration of the flushing cycle and ensures positive operation under heavy dirt load by keeping the drippers from clogging. This operation saves extensive labor time and money.

Available connections: 16, 17 and 20 mm tooth connectors, 1/2" and 3/4" threaded connectors.

#### LPD for dripline



LPD improves irrigation, saves water and protects against water hammer. Main models:

- LPD for dripline
- Multi-use 1/2" LPD

- LPD prevents drainage in mainlines and manifolds in low areas.
- Improves water distribution
- Suitable for harsh topography
- Opening pressure: 14 m
- Closing pressure: 6 m
- Wide flow range: up to 1,500 l/h

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### 5022 SD



1/2" male or 3/4" female plastic impact sprinkler for extra wide spacing  
 For the irrigation of vegetables, field crops, flowers and nursery cultivations

- Unique water distribution hammer is designed for extra distribution range
- High uniformity distribution range of up to 14 meters
- Single large nozzle orifice for high resistance to wind and clogging
- Suitable for short irrigation cycles and nursery crops
- Color-coded nozzles with bayonet connection for simple and easy maintenance
- Made of particularly strong plastic materials, resistant to chemicals and UV radiation
- Available on demand: flow rates of 350 and 550 l/hour

### Silva 6024 - New Nozzles with Low Flow Rates



Silva 6024 - the low-angle, plastic impact 1/2" male sprinkler - is available with two new rear nozzles for 12° angle, featuring lower stream height for under-tree applications.

- 2.5 mm for round nozzles
  - 2.4 mm for square nozzles
- Both nozzles have a flow angle of 12°.

### Super 10 LA - New Low-Angle Feature for Bananas and Orchards



This extra-range, ball-driven and field-proven sprinkler is now available for low angles (14° angle). The Super 10 LA is suitable for banana and other under-tree applications. It is available in flow rates of 450, 550, and 670 l/h, at 2.5 bar. Super 10 is also available with a flow regulator.

### New and Improved Nozzles for Various Sprinklers

New and improved rear nozzles are available for the field-proven sprinklers 233, 5035 and 5022. They significantly improve the distribution uniformity of these sprinklers.

### LPD for vegetable stands



Integration of LPD in the sprinkler system prevents drainage in low areas and improves germination irrigation.

- LPD for vegetable stands
- Multi-use 1/2" LPD



### 2001 & 2002 - New Product Features

These flow-regulated micro-sprinklers are available with additional nozzles and swivels for extra range.

### 2005 AquaMaster - New Product Feature



This economical solution for undertree and overhead irrigation is now available with a hook for mounting the sprinkler on wires.

### Green Spin - New Product Feature



Ideal for overhead irrigation in greenhouses, Green Spin is now available with improved distribution uniformity. For simple use and quick connection, a secured bayonet connector has been added.

Applications include:

Greenhouses (for overlapping irrigation, positioning of up to 4 m, with high distribution uniformity). Tunnels (on a single lateral with anti-mist reduction method).

When combined with Super LPD at low pressure, the Green Spin works efficiently at the desired pressure and leakage is prevented when the pressure is less than 0.6 bar.

### Super LPD - Additional Connectors



Super LPD is available with various connectors, including bayonet.