



SD SPRINKLERS

The new generation of sprinklers

BEST SINGLE NOZZLE SPRINKLER IN
THE WORLD | MAXIMUM COVERAGE
WITH HIGH UNIFORMITY | BETTER
UNIFORMITY IN WINDY CONDITIONS
| LESS SENSITIVE TO CLOGGING



5022 SD-U



5022 SD



6025 SD



5035 SD



5035 SD PC

INTRODUCTION

- New & innovative concept based on unique hammer with SD (Super Diffuser) plate, designed for uniform distribution
- SD sprinkler is designed to work even with low pressure
- The hydrodynamic design of the nozzle and special arc water passage facilitate wider radius of throw, which reduces the number of sprinklers required per unit area
- SD sprinklers are less sensitive to clogging and have higher resistance to wind



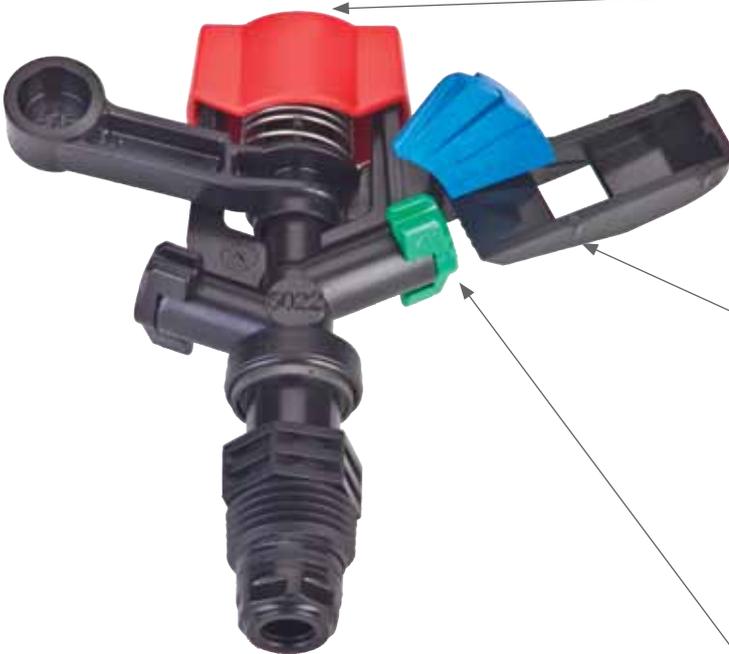
Plastic protection cap protects the spring from sand, frost gives longer life to sprinkler



Unique hammer with SD (super-diffuser) plate design for uniform distribution



Easily interchangeable color-coded bayonet nozzles to match the required precipitation rate. Integrated stream straightening vanes for maximum throw



Applications

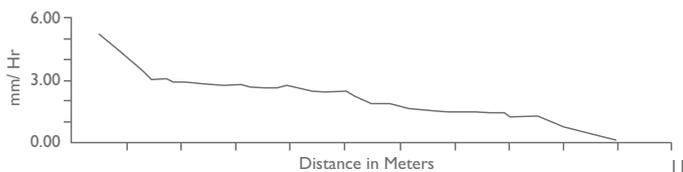
- Recommended for closely spaced field crops, such as potato, leafy vegetables, cotton, oil seeds, pulses, cereals and fodder crops
- Irrigation and germination of vegetables, flowers and nursery crops

Features and benefits

1. Unique hammer with SD (Super Diffuser) provides perfect uniformity of distribution. The SD mechanism ensures enough water closer to the sprinkler, even at low pressure.

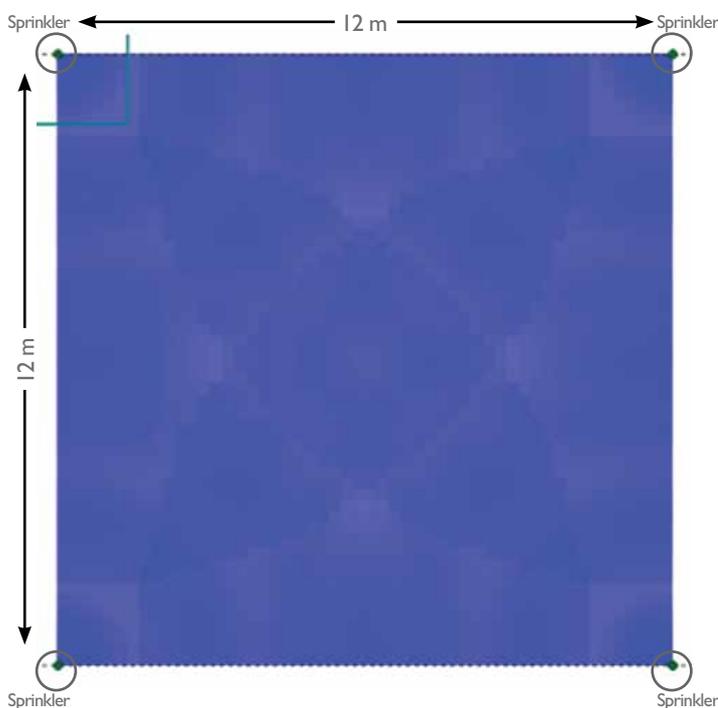
3. Low droplet impact and low application rate ensure better conditions for perfect germination and development. The fine, low droplet impact velocity prevents splashing of sand and fertilizers onto the seedlings

Sprinkler	Nozzle	Pressure
5022-SDU	2.5 X 1.8 - 480 l/h	200.0



2. High distribution uniformity within the irrigated pattern (6025 SD single nozzle 3.0 mm (585 lph) at 2.5 bar 12 X 12 m)

Uniformity Coefficient (CU)	95%
Application Rate	4.0 mm/hr
Scheduling Coeff. (5%)	1.0



4.SD sprinklers are less sensitive to clogging

5.SD sprinklers have higher resistance to wind



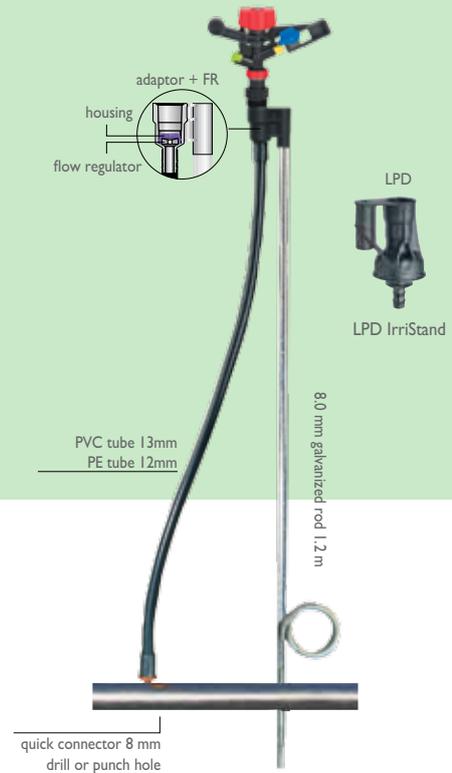
6.Optional

SD sprinklers can be combined with LPD (Leakage Prevention Device) under the sprinkler to maintain a full irrigation system:



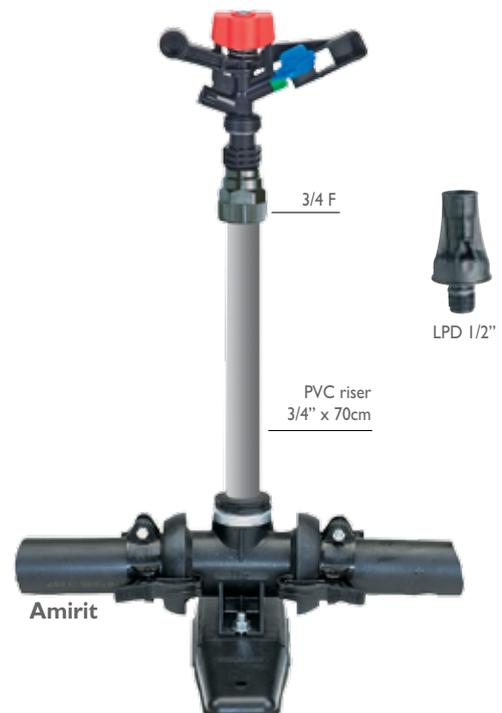
- Allows immediate operation of the whole system
- Prevents drainage and damage to the soil structure
- Provides uniform irrigation, especially for germination purposes (short cycles)
- Saves water

5022 SD-U



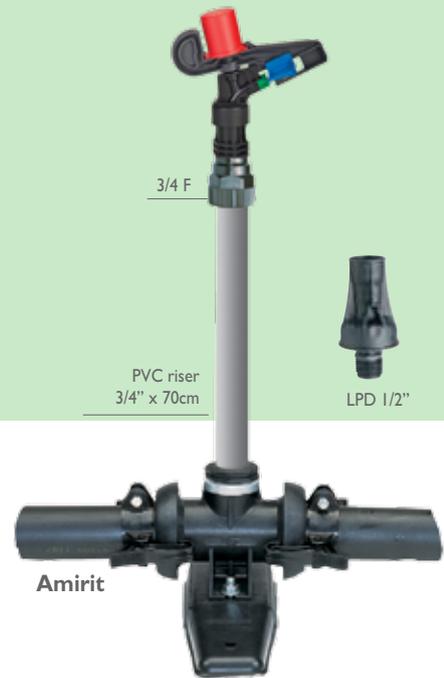
- Plastic impact sprinkler, 1/2" male or 3/4" female
- Mounted on IrriStand 52 or 53
- Low working pressure: 2.0 bar
- Low flow rate: up to 800 lph
- High distribution uniformity, up to 12 m

5022 SD FOR MEDIUM AND HIGH FLOW RATE



- Plastic impact sprinkler, 1/2" male or 3/4" female
- Mounted on riser
- Medium and high flow rate: 760-1680 lph
- High distribution uniformity, up to 14 m

6025 SD



- Plastic impact sprinkler, 1/2" male or 3/4" female
- Mounted on riser
- Special arc structure for maximum range of throw
- Medium and high flow rate: 540-1270 lph
- High distribution uniformity: up to 16 m



5035 SD



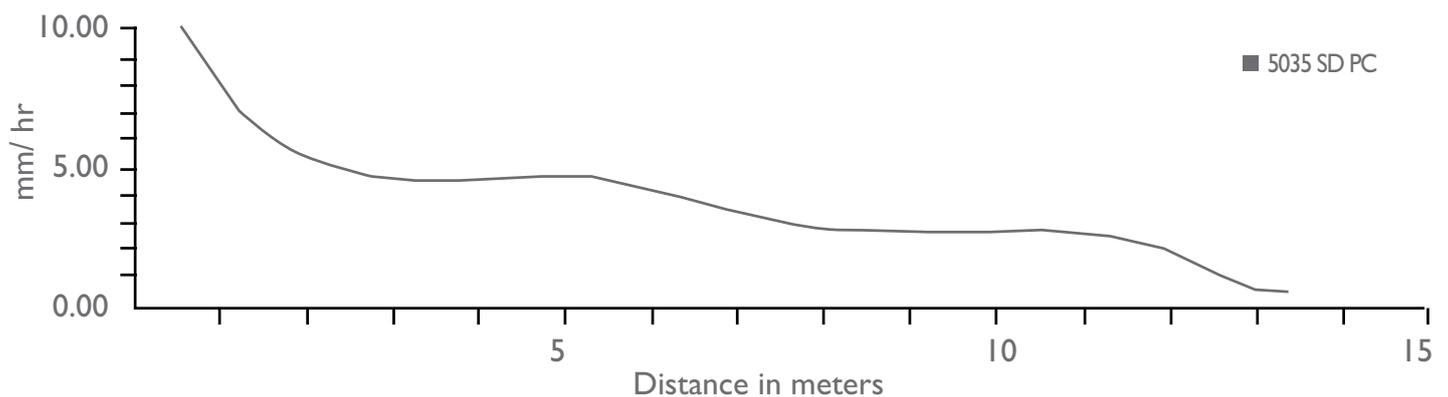
- Plastic impact sprinkler, 3/4" male single or dual nozzles
- Medium and high flow rate: 0.790-3.540 m³/h
- High distribution uniformity: up to 20 m

5035 SD PC



- Part circle plastic impact sprinkler 3/4" male
- For irrigation of edges in various field crops
- Wide diameter of throw up to 34 m
- Working pressure range: 2.5-5.0 bar

SD hammer improves the distribution profile





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