

# 2002 AquaSmart

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Flow-regulated micro-sprinkler

## Applications

For optimal undertree irrigation

## Structure and features

- Constant flow between 1.5-4.0 bar pressure
- Uniform irrigation and fertigation in all topographical conditions
- Wide range of flow rates and distribution patterns
- Insect-resistant nozzle
- Sturdy and solid structure
- Easy to dismantle and assemble
- Innovative spike with locking clip and water-stop aid
- Deflector helps prevent wetting of tree trunks
- Special swivel (green) for inverted operation
- Two-stage wetted diameter control
- Clog resistant even at lowest flow rates



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## Technical data

- Recommended working pressure: 1.5-4.0 bar
- Flow rate: 20-95 l/h
- Wetted diameter: 3.0-7.5 m

### Irrigation uniformity

Nozzle color	Flow rate (l/h)	Nozzle ø (mm)	Swivels - Wetted diameter (m)				
			Orange*	Black	Blue	Green (Inverted)**	Red
Violet	20	0.84	3.0	3.5			
Grey	28	1.00	3.0	4.0	4.5	5.0	
Brown	35	1.10	3.5	4.0	5.0	5.0	
Blue	47	1.25	3.5	4.5	5.5	5.0	
Green	55	1.33	3.5	4.5	6.0	5.0	
Orange	70	1.48		5.0	7.0	5.0	
Yellow	95	1.75		5.5	7.5	5.0	
Red XL	35	0.94					7.0
Black XL	40	1.00					7.0
Ivory XL	47	1.10					7.0

All swivels tested at 0.25 m above ground

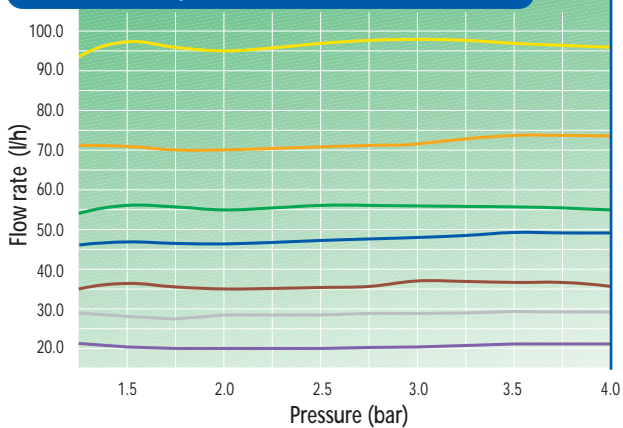
\* One stage only (no diameter limiter)

\*\* Green swivel tested at 0.6 m above ground

## Components



### Flow vs. pressure



## Standard Assemblies

