

# AQUASmart 2002



## Flow-regulating micro-sprinkler

### APPLICATIONS

- For optimal undertree irrigation

### STRUCTURE AND FEATURES

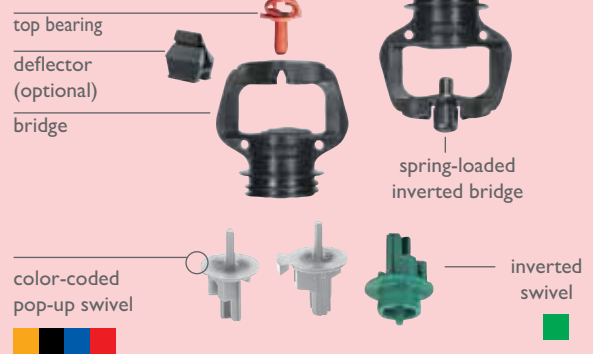
- Constant flow between 1.5-4.0 bar pressure
- Uniform irrigation and fertigation in all topographical conditions
- Wide range of flow rates and distribution patterns
- Insect-proof nozzle
- Sturdy and solid structure
- Easy to dismantle and assemble
- Innovative spike with locking clip and water-stop 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



**TECHNICAL DATA**

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

**COMPONENTS**



\* 1st stage: with diameter limiter, for young trees

\*\* Regular (2nd stage): break off the diameter limiter, for mature trees

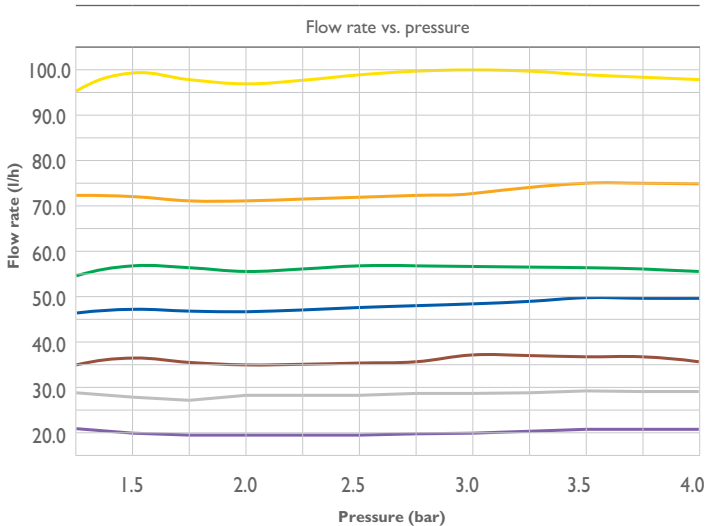
**SWIVELS - WETTED DIAMETER (m)**

Nozzle color	Flow rate (l/h)	Nozzle (mm)	Orange* (close range)	Black Swivel (medium range)		Blue Swivel (large range)		Green (inverted)**
				1st stage	Regular (2nd stage)	1st stage	Regular (2nd stage)	
Violet	20	0.84	3.0	1.5	3.5			
Grey	28	1.00	3.0	2.0	4.0	1.5	4.5	5.0
Brown	35	1.10	3.5	2.5	4.0	2.0	5.0	5.0
Blue	47	1.25	3.5	2.5	4.5	2.0	5.5	5.0
Green	55	1.33	3.5	2.5	4.5	2.0	6.0	5.0
Orange	70	1.48		2.5	5.0	2.5	7.0	5.0
Yellow	95	1.75		3.0	5.5	3.0	7.5	5.0

All swivels tested under laboratory conditions at 0.25 m above ground

\* One stage only (no diameter limiter)

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



**STANDARD ASSEMBLIES**

