AQUASMART 2002



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

NAANDANJAIN

- 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

Flow-regulating micro-sprinkler

APPLICATIONS

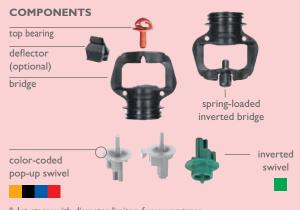
• For optimal undertree irrigation





TECHNICAL DATA

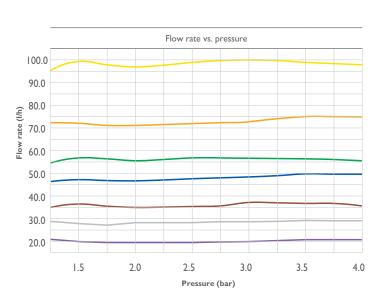
- Recommended working pressure: 1.5-4.0 bar
- Flow rate: 20-95 l/h
- Wetted diameter: 3.0-7.5 m



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



STANDARD ASSEMBLIES





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SWIVELS - WETTED DIAMETER (m)

			Orange* (close range)	Black Swivel (medium range)		Blue Swivel (large range)		Green
				lst stage	Regular (2nd stage)	lst stage	Regular (2nd stage)	(inverted)**
Nozzle color	Flow rate (I/h)	Nozzle (mm)	+	+	+	+	+	4
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