## AQUASMART 2002



## STRUCTURE AND FEATURES

- Constant flow between I.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

Flow-regulating micro-sprinkler

## APPLICATIONS

- For optimal undertree irrigation



## TECHNICAL DATA

- Recommended working pressure: I.5-4.0 bar
- Flow rate: 20-95 I/h
- Wetted diameter: 3.0-7.5 m


## SWIVELS - WETTED DIAMETER (m)

|  |  |  | Orange* (close range) | Black Swivel (medium range) |  | Blue Swivel (large range) |  | $\begin{gathered} \text { Green } \\ \text { (inverted)** } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Ist stage | Regular (2nd stage) | 1st stage | $\begin{gathered} \text { Regular } \\ \text { (2nd stage) } \end{gathered}$ |  |
| Nozzle color | Flow rate $(1 / \mathrm{h})$ | $\begin{gathered} \text { Nozzle } \\ (\mathrm{mm}) \end{gathered}$ |  | $\frac{1}{6}$ |  |  |  | b | ¢ |
| 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

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


STANDARD ASSEMBLIES


