

### Technical Specifications of Tri jet series

TAVLIT offers various products applicable for irrigation oil palm trees after they are planted in the field.

Irrigation with sprinklers enable full coverage of the field .They are easy to install and service and fertilizers can be distributed through the irrigation system.

Full coverage sprinklers system enables the grower to use the area between the trees to grow more crops.

### BIJET, TRIJET, QUADJET

For the first stage after planting the trees in the field TAVLIT offers a unique solution designed to implement the water directly to the root zone of the young plantation.

- The company offers emitters with 2, 3 and 4 outlets.
- Ideal for oil palm trees, citrus and other fruits.
- Adjustable nozzles that can be locked at the right position in order to guarantee that the water jet will direct the water to the root zone and the nozzle will not change its position during irrigation.
- The emitters are equipped with bayonet connection for easy installation and cleaning.
- The Bayonet connection enable the grower to change quickly ,easily ,without cutting the riser and at a reasonable cost, to the 920 series which enable full coverage of the area.
- The emitter adaptor is a ¾" (20 mm) female adaptor that can be glued to the riser and has a bayonet connector on the other side where the emitter is connected.
- Recommended filtration – 60 – 100 mesh depends on the flowrate.



**BIJET**



**TRIJET**



**QUADJET**

### Technical data BIJET, TRIJET, QUADJET

| Operating Pressure              | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 2.5 bar |
|---------------------------------|---------|-------|---------|-------|---------|
| Flow rate (l/h)                 | 135     | 165   | 205     | 235   | 309     |
| Wetting radius (at 0°)<br>(m')  | 7 m     | 7.5 m | 8 m     | 13 m  | 13 m    |
| Wetting radius (at 30°)<br>(m') | 11.5 m  | 12 m  | 12 m    | 8.5 m | 9 m     |

#### BIJET



| Operating Pressure              | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 2.5 bar |
|---------------------------------|---------|-------|---------|-------|---------|
| Flow rate (l/h)                 | 200     | 245   | 306     | 360   | 400     |
| Wetting radius (at 0°)<br>(m')  | 7.5 m   | 8 m   | 8 m     | 9 m   | 9 m     |
| Wetting radius (at 30°)<br>(m') | 11 m    | 11 m  | 11.5 m  | 12 m  | 12 m    |

#### TRIJET



| Operating Pressure              | 0.7 bar | 1 bar | 1.5 bar | 2 bar  | 2.5 bar |
|---------------------------------|---------|-------|---------|--------|---------|
| Flow rate (l/h)                 | 220     | 330   | 410     | 480    | 530     |
| Wetting radius (at 0°)<br>(m')  | 7 m     | 7 m   | 7 m     | 8 m    | 8 m     |
| Wetting radius (at 30°)<br>(m') | 12 m    | 12 m  | 12 m    | 12.5 m | 12.5 m  |

#### QUADJET

