

# Benefits & Use

## Heat Protection

High Frequency, Low Flow Emitter  
= Smart Climate Control



Frost Control for Fruit & Wine Grape Production

## Frost Protection

Efficient protection from  
temperature extremes



Evaporative Cooling Systems  
for Extreme-Temperature Control



Moisture Control or  
Foliar Products Application

## Benefits and Characteristics

### Water Saving:

- Provides precipitation with significantly less water than a traditional sprinkler system

### Easy adaptation:

- Can be installed for different planting frames up to 6x4m or 20'x20'

### Easy Installation:

- Attaches to different support stakes and can be hung on wire lines
- Connects to existing dripline irrigation

### Easy maintenance:

- Easily disassembled for cleaning, maintenance, or moving as required

### Durability:

- Made of UV-resistant materials

### Maximum protection and efficiency:

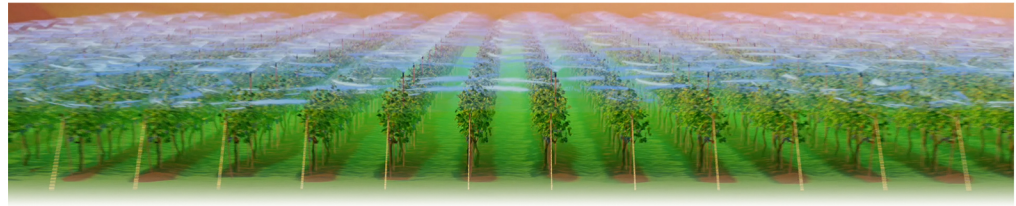
- Self-compensating dripper with flow rates between 12-40 LPH or 3-10 GPH
- Multiple pulses per minute ensure complete coverage up to all day without causing over-saturation
- Emitter covers a large area while maintaining a very low flow rate
- Reduced number of units per hectare or acre lowers infrastructure, energy, and water costs





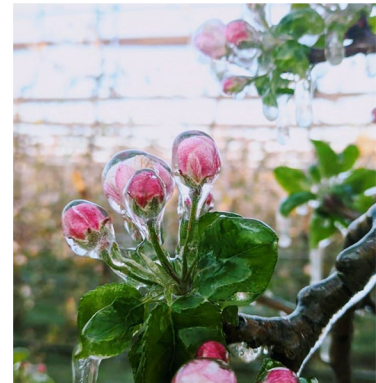
# The Pulsator 205 Usage Guide

The Pulsator 205 creates an insulated microclimate zone buffering blossoms and fruit from ambient temperature extremes



## Water Distribution

- Accommodates different flow rates ranging from 12-40 LPH or 3-10 GPH
- Minimum Required Operating Pressure: 1.5 bar at ground level
- Water distribution pattern: 360°
- Minimum wetting diameter 6.4m or 20' with no overlapping required
- Easily installed with coverage areas from 20 to 36m<sup>2</sup> or 64 to 115 sq ft



## Mounting

- Installed above canopy with PVC, metal, or wood support stake or hung on a wire
- The standard height is 3.0m or 9', with extension up to 5.0m or 16'

## Works With

- Connected through common dripper and microtubes with lengths ranging from 0.30-5.0m or 1'-16'
- Polyethylene tubing supplying the Pulsator 205 can be installed on the ground or via aerial wire

## Assembly Components

- Multiple lengths of stake support, or
- Aerial wire structure
- Standard Polyethylene Microtubing
- Accessories: valves, tees, couplings, end fittings



## Engineering Requirements

A correct operation of these emitters requires hydraulic calculation, which must be performed by trained personnel.

*Reach out to us or your distributor:*



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