

## ***Turbo Drip the Ultimate Solution for Palm Date***



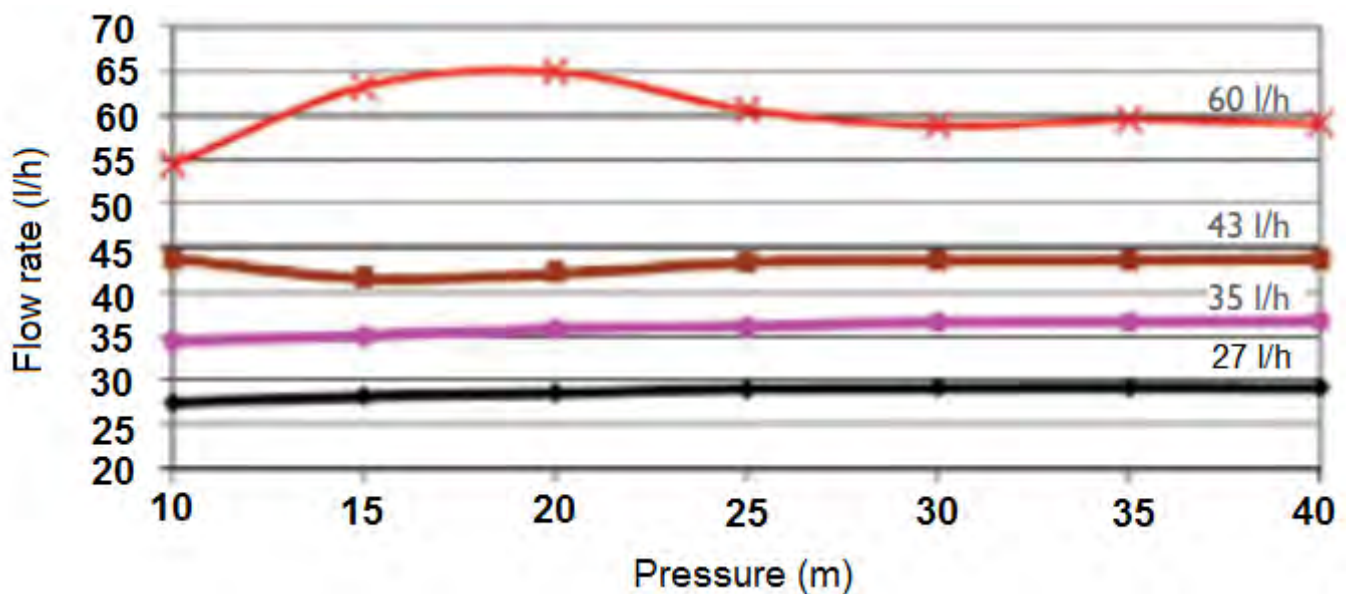
***Turbo Drip- regulated dripper high volume especially designed for desert conditions where high daily water quantities are required.***



## A. Features:

1. High flow rate self-compensated (regulated) dripper
2. Constant flow rate between 1.0 – 4.0 bar pressure
3. Uniform irrigation and fertigation in all topographical conditions
4. High resistance to clogging due to big and wide water passages
5. Low maintenance emitter
6. Easy for assembling and dismantling for maintenance purposes.

## B. Wide range of flow rates



## C. Connections:

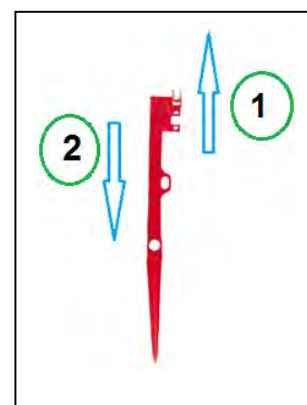
Available with two types of quick connections:

- 1) Barb connection
- 2) Bayonet connection

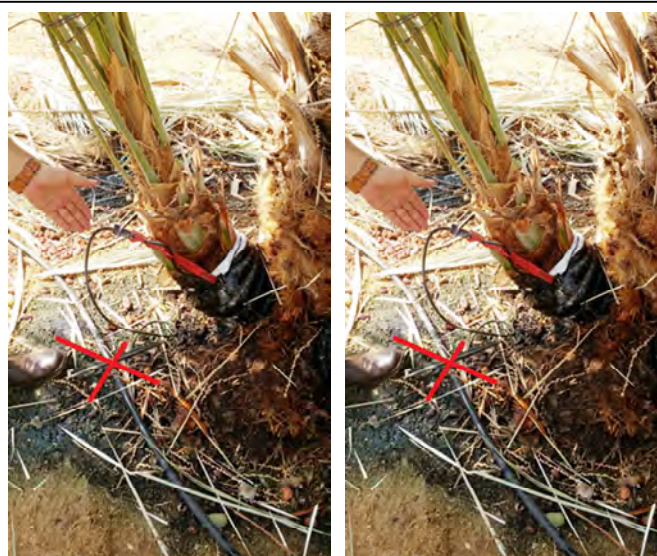


**D. Double purpose spike** used with Turbo Drip for palm trees irrigation and also for Offshoots irrigation.

For trees irrigation, use the spike in the normal position (picture #1).



For offshoots irrigation, assemble the Turbo drip to the spike in opposite direction (see picture #2)



**Saves extra spike** (No need for two spikes: one spike for holding the Turbo drip in the soil and another spike for holding the tube inside the Offshoot).

Comparing *turbo drip* vs. Driplines (integrated drippers)





### Driplines advantages:

- 1) Less labor
- 2) Expanded wetted area along trees line
- 3) Can be converted to SDI

### Driplines disadvantages:

- 1) Unseen-clogs in drip lines. However with Turbo drip, very easy to detect clogs due to the clear water stream outlet.
- 2) A risk for dying plants due to dripper clogs, comparing to Turbo drip easily detecting clogs and saving plants.
- 3) Clogged driplines aren't easy to clean; while Turbo drip easily cleaned.
- 4) Extra costs for Offshoots irrigation- Drip line may be enough for irrigation of young trees (up to 4-5 years). However, when tree starts having Offshoots in the 4<sup>th</sup> – 5<sup>th</sup> year they have to be irrigated as well.  
Palm tree continue producing Offshoots for another 5-6 years



If using dripline irrigation, then for irrigating Offshoots grower:

- 1) Need to invest in an additional system (dripper, spike, connectors and tubes)
- 2) May need to replace part of his irrigation system due to hydraulic issues.

But, if using Turbo drip:

- 1) Turbo drip gives full solution for young and mature trees and offshoots irrigation.
- 2) No need for extra emitters and staff.

## How to order Turbo Drip?

### a) Ordering "Turbo drip" dripper only



TurboDrip head only

Item #	Nozzle Color	Flow rate l/h	packing		
			Qty.	Wt.	Ctn
771908	Black	27	1,000	7.3 kg	T
771904	Violet	35			
771900	Brown	43			
771907	Red	60			

### b) Ordering full set (bayonet connection):

- Stand with 4q7 barb connection
- Spike 34
- Turbo drip with 5cm tube's nipple



TurboDrip Assemblies

Stand for bayonet connection					
Item #	Description	packing			Price
		Qty.	Wt.	Ctn	
493161	4/7 PVC tube 100cm length + male bayonet connection + female bayonet connection	No Standard Packaging			see Micro C-21
497051	Bayonet connector, female	8,000	10.5 kg	B	see Micro C-31
897917	Spike 34 red	170	5 kg	U	see Micro C-24

TurboDrip + 4/7 PVC tube 5cm length + male bayonet connection

Item #	Nozzle Color	Flow rate l/h	packing			Price
			Qty.	Wt.	Ctn	
775058	Black	27	800	8 kg	T	see Micro C-21
775054	Violet	35				
775050	Brown	43				
775057	Red	60				

### c) Ordering full set (4/7 barb connection):

- Stand with bayonet connection
- Spike 34
- Turbo drip with 5cm tube's nipple



Stand for 4/7 barb connection

Item #	Description	packing		
		Qty.	Wt.	Ctn
797229	4/7 PVC tube 90cm length + Fast-N-Fast + 4/7 barb connection	250	13 kg	X
897917	Spike 34 red	170	5 kg	U

TurboDrip + 4/7 PVC tube 5cm length + 4/7 barb connection

Item #	Nozzle Color	Flow rate l/h	packing		
			Qty.	Wt.	Ctn
774058	Black	27	800	8 kg	T
774054	Violet	35			
774050	Brown	43			
774057	Red	60			