



PROJECTS



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green labels
in-store

Veggie Garden Watering

A quick guide to get you up & running.

With drip irrigation, you can make sure the right amount of water gets right to the roots – with less water wasted.



FEATURING

Pope Tricklers

Pope has everything you need to help your garden grow.

For veggie gardens, we love using drippers and tricklers.

- ✓ Precise water distribution
- ✓ Less water loss
- ✓ Visible watering patterns

Get gardening tips & advice at gardeningwithpope.com.au



To get started, you'll need:

System layout



13mm and 4mm Poly Pipe



13mm Elbow



13mm Tee



13mm Barbed Joiner



13mm End Plug



4mm Barbed Connector



Rigid Riser



Punch Spanner



13mm Locking Clamps



Tricklers or Drippers



Before you start, calculate your flow rate!

It's important to calculate your flow rate to determine how many drippers or tricklers you can run in one zone.

1. Place a bucket under the tap and turn it on fully.
2. Time how long it takes to fill the bucket.
3. Use this formula: $60 \div (\text{seconds to fill bucket}) \times (\text{bucket size in litres}) = \text{your flow rate in Litres per minute}$



Scan to use our online calculator

1. Connect water source

You can choose to connect your poly pipe directly to the tap or garden hose, or you can add a tap timer to automate your system.

Option 1: Connect to garden hose



Use a 13mm Barbed To Snap On Fitting, and secure with a locking clamp.



Option 2: Connect to tap or tap timer



When connecting direct to tap, use a 13mm Tap Nut and secure with a locking clamp.



Option 3: Connect to automated system



A 13mm Director connects a solenoid valve to your automated watering system.



Pope Tip!

Threaded fittings are used to secure to rigid risers or hard pipe. Barbed fittings should be used when connecting to soft pipe (poly tube).



2. Lay out your system



Roll out the **poly**, and cut each length you need to create a layout suited to your plants.



At each cut, use **13mm Tee** or **Elbow** fittings to join the poly. Secure it in place with **locking clamps**.



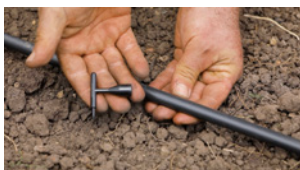
If you have a loose end, you can close it off with a **13mm End Plug**.

2. Connect Tricklers or Drippers

Option 1: Connect to the mainline



Drippers or Tricklers with a barbed end can be inserted straight into the 13mm poly.



Use a **Punch Spanner** to pierce a hole first, and then insert the Trickler.



For taller plants, use threaded tricklers with a **Rigid Riser**, which are available in varying heights.

Option 2: Position away from the mainline



Tricklers on spikes can be positioned further away from the main line to better reach your plants.



Pierce a hole in the mainline, and connect 4mm poly with a **4mm Barbed Connector**.



Join the other end of the 4mm poly with your Trickler, and position in place with the spike.

What's the difference between Drippers and Tricklers?



Drippers:

- Drippers water a concentrated area
- Place at root zone
- Low water use
- Use on main line, riser or 4mm tube



Tricklers:

- Water a wider area
- Place between plants
- Visible watering
- Use on main line, riser or 4mm tube

Pope Tip!

We always recommend using an inline filter to prevent clogging.

Use this table as a guide for watering

| | Drippers | Drippers | Drippers | Veri-flow® Dripper | Veri-flow® Trickler |
|-----------------------|----------|----------|----------|-----------------------|------------------------|
| Flow rate per emitter | 2 lph | 4 lph | 8 lph | 0 - 60 lph | 0 - 30 lph |
| Seedlings | 10 min | 5 min | 3 min | up to 5 min | up to 5 min |
| Small shrubs | 30 min | 15 min | 10 min | up to 15 min | up to 15 min |
| Larger shrubs | 45 min | 25 min | 15 min | up to 25 min | up to 25 min |
| Flower beds | 30 min | 15 min | 10 min | up to 15 min | up to 15 min |
| Vegetables | 30 min | 15 min | 10 min | up to 15 min | up to 15 min |
| Trees | 1 hour | 30 min | 15 min | up to 30 min | up to 30 min |

Note: Watering times will vary based on your soil type and weather conditions. Water sandy soil more frequently and water clay soil less frequently.

Other drip products to consider:

Pope Drip Eze®

Poly tube and drippers in one solution. Easy to roll out.



Pope Vortex Sprays

Similar to tricklers, but spray water higher into the air.



Pope Drippers

Slow drips target deeper roots and use less water.



Learn more about drip irrigation at gardeningwithpope.com.au

