

DIY Irrigation Planner

nēta
Practical Gardening

Pot Plants



Garden Borders



Garden Beds



Lawns

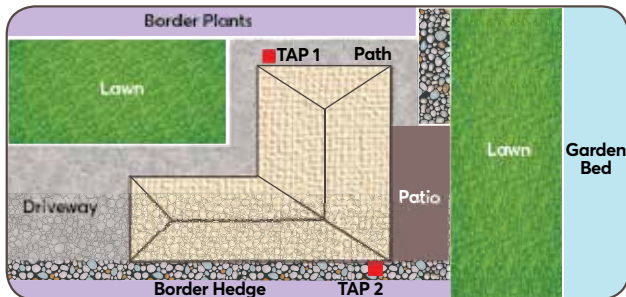


1 What do you want to water?

Pot Plants



Garden Borders



2 Let's plan

A Create a plan

Draw & measure

Identify the areas you want to water. Measure and draw your patios, house & garden to scale on a piece of graph paper.

Include:

- all tap outlets
- garden beds & grass areas
- paths, fences & driveways
- patios & garden sheds

B Bucket test

Not all tap flows are alike, so it's really important to find out how much water your tap will supply for irrigating your plants.

What you need:

- 9L (litre) bucket
- stop watch

How to do it:

- get your bucket and stop watch ready
- turn the tap on full, then slide the bucket under and start timing. Stop when it reaches the 9L mark
- mark the seconds it took to fill the bucket on the flow rate chart below to find out your flow rate



Use your stop watch app as a handy Stop Watch



TIP: Do the bucket test at about the same time of day that you plan to run your irrigation. It is best not to run irrigation during peak water usage times, for example, when everyone in the house is taking a morning shower, as this will affect your flow rate.

C Flow rate chart

Pots & Borders in Litres per hour (Lph)

When you have done the bucket test, find your flow rate in the below Flow rate chart and then add to the Number of lines chart on page 6.

Seconds to fill a 9 litre bucket	10	11	12	13	14	15	16	17
Flow rate (Lph)	2916	2651	2430	2243	2083	1944	1823	1715

Seconds to fill a 9 litre bucket	18	19	20	21	22	23	24	25
Flow rate (Lph)	1620	1535	1458	1389	1325	1268	1215	1166

Seconds to fill a 9 litre bucket	26	27	28	29	30	31	32	33
Flow rate (Lph)	1122	1080	1041	1006	972	941	911	884

Seconds to fill a 9 litre bucket	34	35	36	37	38	39	40	41
Flow rate (Lph)	858	833	810	788	767	748	729	711

This guide is recommended for use with mains water supply.

Important Note: If you plan to use a tap timer, it is best to do the bucket test with the tap timer attached to the tap, as it could affect the flow rate significantly.

3 Choose your components

A Choose how to water
What is the best watering emitter for your plants?

Pot Plants

Dripper Stake
Small Pots

Adjust Drippers
Med - Large Pots

Mister
Hanging Baskets & Delicates



0.5m Spacing

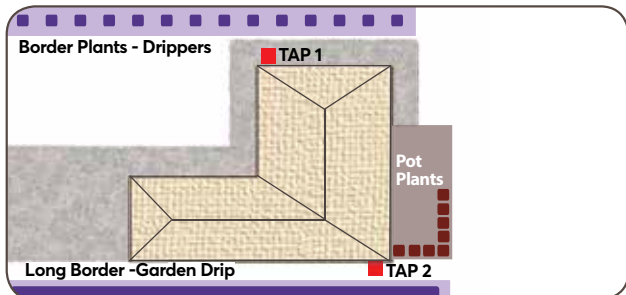


0 - 0.5m Spacing



0.5m Spacing

B Mark & add
On your plan, mark where the water emitters will go and add to your shopping list on page 5-6.



Garden Borders

Barb Drippers
Small or Medium Plants

PC Drippers
Small or Medium Plants
On Sloping Borders

Adjust Drippers
Small or Medium Plants

Garden Drip
Hedge & Trees



0.3m Spacing



0.5m Spacing



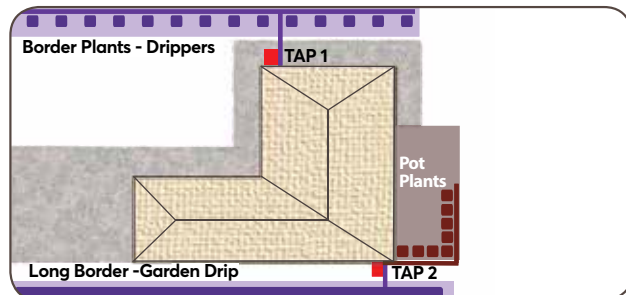
0 - 0.5m Spacing



0.3m Spacing

C Number of lines
Using the Total flow rates from your Shopping list on page 5-6 and Flow rate chart on page 2, work out the number of lines and add to your plan.

Why is it important to work out the number of lines? If you put too many water emitters on one supply line you could exceed your tap flow rate. If this happens, the water output may be affected and not water your plants as expected.



D Shopping list Water emitters

Pot Plants

Emitter type	Image	What do you want to water?	Pattern	Spacing	Flow Lph	X	Qty	=	Total
Mister 360D		Hanging baskets & delicates	360°	0.5m	29	X		=	
Drip Stake 4Lph		Small pots	Drip	0.5m	4	X		=	
Adjust Drip Stake		Medium pots	360°	0-0.5	0-33	X		=	
Adjust Drip In-Line Stake		Large pots	360°	0-0.5	0-33	X		=	
Total flow rate									

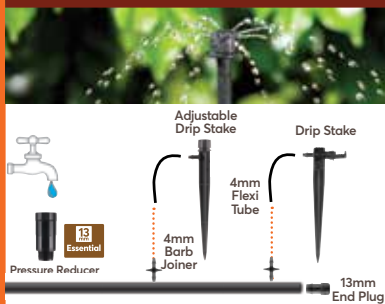
Garden Borders (General)

Description	Image	What do you want to water?	Pattern	Spacing	Flow Lph	X	Qty	=	Total
Barb Dripper 2Lph		Small plants	Drip	0.3m	2	X		=	
Barb Dripper PC 2Lph		Small plants on sloping or hilly borders	Drip	0.3m	2	X		=	
Barb Dripper 4Lph		Medium plants	Drip	0.5m	4	X		=	
Barb Dripper PC 4Lph		Medium plants on sloping or hilly borders	Drip	0.5m	4	X		=	
Adjust Barb Dripper 360D		Small to medium plants	360°	0-0.5m	(0-33)	X		=	
Adjust Thread Dripper 360D		Tall plants (screw into rigid riser)	360°	0-0.5m	(0-33)	X		=	
Total flow rate									

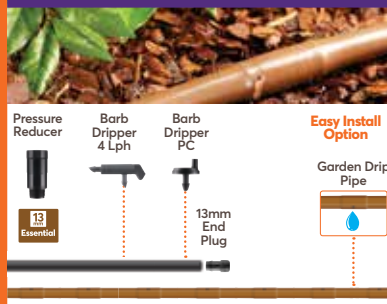
Garden Borders (Hedges & Trees)

Description	Image	What do you want to water?	Pattern	Spacing	Flow Lph	X	Qty	=	Total
25m x 13mm Garden Drip Coil (4Lph drippers @ 30 cm spacings)		Ideal for 25m long hedges or tree areas	Drip	0.3m	333 (38 x 4 Lph)	X		=	
50m x 13mm Garden Drip Coil (4Lph drippers @ 30 cm spacings)			Drip	0.3m	666 (166 x 4 Lph)	X		=	
Total flow rate									

Pot Plants



Garden Borders



Number of Lines Chart

Pots & Borders in Litres per hour (Lph)





What do you want to water?	Total flow rate	÷	Bucket test flow rate	=	Number of Lines (rounded)
Pot Plants		÷		=	
G Borders General		÷		=	▲
G Borders Hedges & Trees		÷		=	











1. Enter the total flow rate from your D Shopping List (qty x flow)
2. Enter the total flow rate from your C Bucket Test (Lph)
3. Work out the number of lines
4. Round up to find the number of lines you will need
5. Add the number of lines on to your plan














D Shopping list Tap connection & fittings


Pot Plants

Garden Borders

Category	Fitting	Image	What do you want to do?	Pots	Borders	Qty	X	Number of Lines	Qty
13mm Essentials	Pressure Reducer 3/4" BSP		Reduce water pressure for drip systems	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		
	Click-On Connector 12mm x 13mm OR Uni Nut & Tail 13mm See page 19 to choose		Quick connect pipe to tap	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		
			Connect tap to pipe	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		
	In-Line Filter 13mm		Remove particles	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>		

Category	Fitting	Image	What do you want to do?	Pots	Borders	Qty
13mm Essentials	Multi Tool		Punch holes. Install & clean micro sprays	<input type="checkbox"/>	<input type="checkbox"/>	
	Barb Elbow 13mm		Create corner	<input type="checkbox"/>	<input type="checkbox"/>	
	Ratchet Clip 13mm		Secure fittings. Use on every connection	<input type="checkbox"/>	<input type="checkbox"/>	
	Barb Joiner 13mm		Extend or repair pipe	<input type="checkbox"/>	<input type="checkbox"/>	
	Barb Tee 13mm		Branch pipe	<input type="checkbox"/>	<input type="checkbox"/>	
	Barb End Plug 13mm		Plug end of pipe	<input type="checkbox"/>	<input type="checkbox"/>	
13mm	In-Line Valve 13mm		Flow control	<input type="checkbox"/>	<input type="checkbox"/>	
	Joiner & Bug Cap 13mm x 12mm		Click hose onto pipe. Bug proof	<input type="checkbox"/>	<input type="checkbox"/>	
	Saddle Clamp & Nail 13mm		Attach pipe to fence/posts	<input type="checkbox"/>	<input type="checkbox"/>	
	Rigid Pipe Stake 13mm		Holds pipe and risers in place	<input type="checkbox"/>	<input type="checkbox"/>	

Category	Fitting	Image	What do you want to do?	Pots	Borders	Qty
Pot Plants	Barb Joiner 4mm		Join 4mm flexi tube to water supply	<input type="checkbox"/>		
	Barb-Thread Joiner 4mm		Join flexi tube to rigid tube or risers	<input type="checkbox"/>		
	Thread Joiner 4mm		Join 4mm rigid tube & risers	<input type="checkbox"/>		
	Barb Elbow 4mm		Create corner	<input type="checkbox"/>		
	Barb Tee 4mm		Branch 4mm tube 2 ways	<input type="checkbox"/>		
	Barb Cross 4mm		Branch 4mm tube 3 ways	<input type="checkbox"/>		
	Barb In-Line Valve 4mm		Flow control 4mm flexi tube	<input type="checkbox"/>		
	Thread In-Line Valve 4mm		Flow control 4mm rigid tube	<input type="checkbox"/>		
	Goof Repair Plug 4mm		Repair hole	<input type="checkbox"/>	<input type="checkbox"/>	
	Saddle Clamp & Nail 4mm		Attach pipe to fence	<input type="checkbox"/>		
	Tube Stake 4mm		Holds 4mm tube in place	<input type="checkbox"/>		
	4mm Tube	10m x 4mm Flexi Tube		Flexible. Use with 4mm barb fittings	<input type="checkbox"/>	<input type="checkbox"/>
25m x 4mm Flexi Tube		<input type="checkbox"/>			<input type="checkbox"/>	
10m x 4mm Rigid Tube			Holds it's shape. Use with 4mm thread fittings	<input type="checkbox"/>	<input type="checkbox"/>	
25m x 4mm Rigid Tube				<input type="checkbox"/>	<input type="checkbox"/>	

Category	Fitting	Image	What do you want to do?	Pots	Borders	Qty
Garden Beds	400mm Rigid Riser		Elevate micro jets & sprays. Use with mister and thread drip head	<input type="checkbox"/>	<input type="checkbox"/>	
	300mm Rigid Riser			<input type="checkbox"/>	<input type="checkbox"/>	
	200mm Rigid Riser			<input type="checkbox"/>	<input type="checkbox"/>	

Tap Connection

Fittings

Fittings & Tube

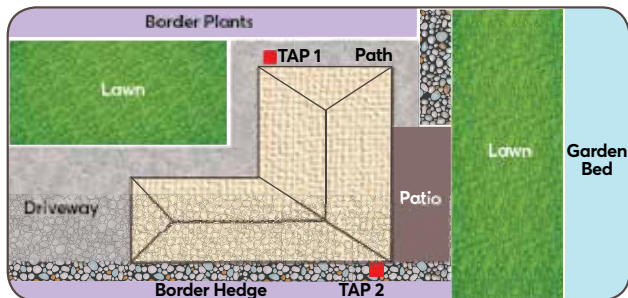
Risers

1 What do you want to water?

Garden Beds



Lawns



2 Let's plan

A Create a plan

Draw & Measure

Identify the areas you want to water. Measure and draw your patios, house & garden to scale on a piece of graph paper.

Include:

- all tap outlets
- garden beds & grass areas
- paths, fences & driveways
- patios & garden sheds

B Bucket test

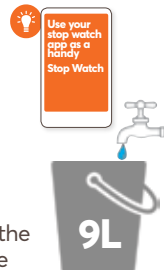
Not all tap flows are alike, so it's really important to find out how much water your tap will supply for irrigating your plants.

What you need:

- 9L (litre) bucket
- stop watch

How to do it:

- get your bucket and stop watch ready
- turn the tap on full, then slide the bucket under and start timing. Stop when it reaches the 9L mark
- mark the seconds it took to fill the bucket on the flow rate chart below to find out your flow rate



TIP: Do the bucket test at about the same time of day that you plan to run your irrigation. It is best not to run irrigation during peak water usage times, for example, when everyone in the house is taking a morning shower, as this will affect your flow rate.

C Flow rate chart

Garden Beds & Lawns in Litres per minute (Lpm)

When you have done the bucket test, find your flow rate in the Flow rate chart. Next, add to Number of lines chart. Garden Beds: bottom of page 16 and Lawns bottom of page 18.

Seconds to fill a 9 litre bucket	10	11	12	13	14	15	16	17
Flow rate (Lpm)	49	44	41	37	35	32	30	29
Seconds to fill a 9 litre bucket	18	19	20	21	22	23	24	25
Flow rate (Lpm)	27	26	24	23	22	21	20	19
Seconds to fill a 9 litre bucket	26	27	28	29	30	31	32	33
Flow rate (Lpm)	19	18	17	17	16	16	15	15
Seconds to fill a 9 litre bucket	34	35	36	37	38	39	40	41
Flow rate (Lpm)	14	14	14	13	13	12	12	12

This guide is recommended for use with mains water supply.

Important Note: If you plan to use a tap timer, it is best to do the bucket test with the tap timer attached to the tap, as it could affect the flow rate significantly.

3 Choose your components

A Choose how to water
What is the best water emitter for your plants?

Garden Beds

Jet Sprays Small Garden Beds	Micro Sprays Medium Garden Beds	Adjust Micro Sprays & Stake Small - Medium Garden Beds
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1.8m Spacing



2.2m Spacing



0-2.4m Spacing

Garden Beds

Micro Sprinklers
Large Gardens



3.2m & 0-3.7m Spacing

Anti-Ant Sprinkler Stake
Landscapes



6m Spacing

Lawns

50mm Pop-Ups
Short/Fine Grass

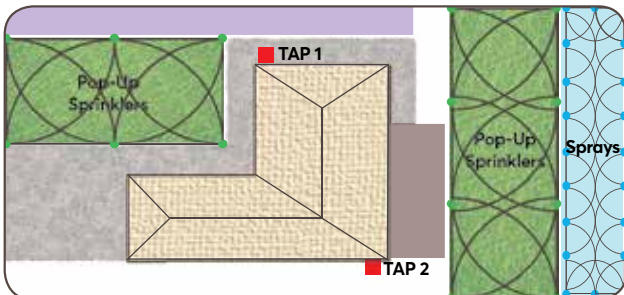


3.5m (round pattern) 1.1 x 8m Spacing (narrow pattern)

100mm Pop-Ups
Long/Thick Grass

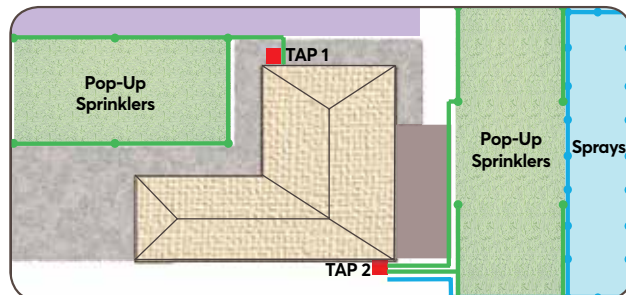


B Mark & add
On your plan, mark where the water emitters will go and add to your shopping list on page 14-15.



















C Number of lines
Using the Total flow rates from your Shopping list on page 13-14 and Flow rate chart Garden Beds: bottom of page 16 and Lawns bottom of page 18, work out the number of lines below and add to your plan.













Why is it important to work out the number of lines? If you put too many water emitters on one supply line you could exceed your tap flow rate. If this happens, the water output may be affected and not water your plants as expected.



Garden Beds

Description	Image	What do you want to water?	Pattern	Radius	Flow Lpm	X	Qty	=	Total
Adjust Jet Spray Stake 360D		Small garden beds	360°	0-1.8m	0-0.8	X		=	
Adjust Jet Spray 360D		Small garden beds	360°	0-1.8m	0-0.8	X		=	
Jet Spray 360D		Small garden beds	360°	1.8m	0.8	X		=	
Jet Spray 180D		Small garden beds	180°	1.8m	0.8	X		=	
Jet Spray 90D		Small garden beds	90°	1.8m	0.8	X		=	
Adjust Micro Spray 360D		Medium garden beds	360°	0-3.5m	0-1.5	X		=	
Adjust Micro Spray 180D		Medium garden beds	180°	0-2.4m	0-1.5	X		=	
Adjust Micro Spray 90D		Medium garden beds	90°	0-2.4m	0-1.5	X		=	
Adjust Micro Spray 2 x 20D		Medium garden beds	2 x 20°	0-9m x 6m	0-1.5	X		=	
Micro Spray 360D		Medium garden beds	360°	2.2m	0.7	X		=	
Micro Spray 180D		Medium garden beds	180°	2.2m	0.7	X		=	
Micro Spray 90D		Medium garden beds	90°	2.2m	0.7	X		=	
Micro Spray 2 x 20D		Medium garden beds	2 x 20°	6m x 0.6m	0.7	X		=	
Micro Sprinkler 360D		Large garden beds	360°	3.2m	0.8	X		=	
Adjust Micro Sprinkler 360D		Large gardens beds	360°	0-3.5m	0-1.5	X		=	
Anti-Ant Sprinkler Stake		Large gardens & landscaped areas	360°	6m	1.5	X		=	
Total flow rate									





Lawns

Description	Image	What do you want to water?	Pattern	Radius	Flow Lpm	X	Qty	=	Total
50mm Pop-Up Sprinkler Adjustable		Shorter & fine grass	30°-360°	0-3.5m	8.5	X		=	
50mm Pop-Up Sprinkler 360D			360°	3.5m	10	X		=	
50mm Pop-Up Sprinkler 180D			180°	3.5m	5	X		=	
50mm Pop-Up Sprinkler 90D			90°	3.5m	3	X		=	
50mm Pop-Up Sprinkler Centre Strip			Centre strip	1.1 x 8m	5	X		=	
50mm Pop-Up Sprinkler Narrow Strip			Narrow strip	1.1 x 8m	5	X		=	
100mm Pop-Up Sprinkler Adjustable		Tall grass & thickly thatched lawns	30°-360°	0-3.5m	8.5	X		=	
100mm Pop-Up Sprinkler 360D			360°	3.5m	10	X		=	
100mm Pop-Up Sprinkler 180D			180°	3.5m	5	X		=	
100mm Pop-Up Sprinkler 90D			90°	3.5m	3	X		=	
100mm Pop-Up Sprinkler Centre Strip			Centre strip	1.1 x 8m	5	X		=	
100mm Pop-Up Sprinkler Narrow Strip			Narrow strip	1.1 x 8m	5	X		=	
Total flow rate									












D Shopping list Tap connection & fittings

Garden Beds





Tap Connection

Category	Fitting	Image	What do you want to do?	Qty	X	Number of Lines	Qty
13mm Essentials	Pressure Reducer 3/4" BSP		Reduce water pressure for drip systems		X		
	Click-On Connector 12mm x 13mm OR Uni Nut & Tail 13mm See page 19 to choose		Quick connect pipe to tap		X		
			Connect tap to pipe		X		
	In-Line Filter 13mm		Remove particles		X		

Fittings & Tube

Category	Fitting	Image	What do you want to do?	Qty
13mm Essentials	Multi Tool		Punch holes. Install & clean micro sprays	
	Barb Elbow 13mm		Create corner	
	Ratchet Clip 13mm		Secure fittings. Use on every connection	
	Barb Joiner 13mm		Extend or repair pipe	
	Barb Tee 13mm		Branch pipe	
	Barb End Plug 13mm		Plug end of pipe	
13mm	In-Line Valve 13mm		Flow control	
	Joiner & Bug Cap 13mm x 12mm		Click hose onto pipe. Bug proof	
	Saddle Clamp & Nail 13mm		Attach pipe to fence/posts	
	Rigid Pipe Stake 13mm		Holds pipe and risers in place	
4mm Tube	10m x 4mm Flexi Tube		Flexible. Use with riser jet stake	
	25m x 4mm Flexi Tube			

Risers & Stakes

Category	Fitting	Image	What do you want to do?	Qty
Garden Beds	Riser Jet Stake		Multi-function stake for micro spays, micro sprinklers & rigid risers	
	Riser Jet Stake & Tube		Multi-function stake with tube for micro spays, micro sprinklers & rigid risers	
	Rigid Riser Stake		Holds rigid risers in place	
	400mm Rigid Riser		Elevate micro jets & sprays. Use with mister and thread drip head	
	300mm Rigid Riser			
	200mm Rigid Riser			

Garden Beds



Number of Lines Chart

Garden Beds in Litres per minute (Lpm)

What do you want to water?	Total flow rate	÷	Bucket test flow rate	=	Number of Lines (rounded)
Garden Beds		÷		=	↑

1. Enter the total flow rate from your D Shopping List (qty x flow)
2. Enter the total flow rate from your C Bucket Test (Lpm)
3. Work out the number of lines
4. Round up to find the number of lines you will need
5. Add the number of lines on to your plan

D Shopping list Tap connection & fittings

Lawns

Tap Connection

Category	Description	Image	What do you want to do?	Qty	X	Number of Lines	Qty
19mm Essentials	Click-On Connector 19mm OR Uni Nut & Tail 19mm See page 19 to choose		Quick connect pipe to tap		X		
			Connect tap to pipe		X		
	In-Line Filter 19mm		Remove particles from water supply		X		

Fittings

Category	Description	Image	What do you want to do?	Qty
19mm Essentials	Barb Elbow 19mm		Create corner	
	Ratchet Clip 19mm		Secure fittings. Use on every connection	
	Barb Joiner 19mm		Extend or repair pipe	
	Barb Tee 19mm		Branch pipe	
19mm	Barb End Plug 19mm		Plug end of pipe	
	In-Line Valve 19mm		Flow control	
	Joiner & Bug Cap 19mm x 12mm		Click hose onto pipe. Bug proof	
	Saddle Clamp & Nail 19mm		Attach pipe to fence	
	Rigid Pipe Stake 19mm		Holds pipe and risers in place	
	Barb Reduce Joiner 19mm x 13mm		Joins 19mm to 13mm pipe	
	Barb Reduce Tee 19mm x 13mm		Branch 19mm to 13mm pipe	
	Barb Corner Elbow 19mm		Create corner	
	Barb-Thread Elbow 19mm x 1/2" MBSP		Create corner with pop-up	
	Thread Corner Elbow 19mm x 1/2" MBSP		For pop-up corners	
	Barb-Thread Tee 19mm x 1/2" MBSP		Branch pipe with pop-up	

Lawns



Use 50mm for short grass & 100mm for thick or long grass.



Number of Lines Chart

Lawns in Litres per minute (Lpm)

What do you want to water?	Total flow rate	÷	Bucket test flow rate	=	Number of Lines (rounded)
Lawns		÷		=	↑

1. Enter the total flow rate from your D Shopping List (qty x flow)
2. Enter the total flow rate from your C Bucket Test (Lpm)
3. Work out the number of lines
4. Round up to find the number of lines you will need
5. Add the number of lines on to your plan

All about tap connections

So what is the difference between a Nut & Tail and a Click-On Connector?

A **Nut & Tail** is screwed directly on to your tap. It is a secure connection, however the tap cannot be used easily for other purposes.

A **Click-On Connector** clicks on and off a tap adapter and gives you more flexibility.



Nut & Tail



Click-On Connector

Multi outlet taps

A multi tap converts your tap into two or more outlets and is highly recommended.

They are available with 2, 3 and 4 outlets (screw-on/click-on combinations), with 'on' 'off' valves so you can easily control the water flow to each outlet.

Multi outlet taps are ideal for running your irrigation lines and garden hose from one tap supply.



Tap timers

Installing a tap timer to automate your irrigation adds another dimension to your watering and saves you time.

A simple mechanical tap timer can be set for a few hours and will automatically switch off, so no forgetting to turn off your irrigation!

Electronic tap timers offer greater functionality enabling you to pre-program multiple watering times over a 7 day period.

Tap timers are available in one or two zone outlets: two zone allows you to water two areas of your garden independently.



How much do I water?

Pot Plants

Temperature	Cool to Warm 15 - 25°C	Warm to Hot 25 - 35°C	Very Hot >35°C
Potting Mix	Until moist every 3rd day	Until moist every 2nd day	Until moist every day

Garden Borders

Temperature	Cool to Warm 15 - 25°C	Warm to Hot 25 - 35°C	Warm to Hot 25 - 35°C
Clay Soil	4 - 6 hours every 6th day	4 - 6 hours every 5th day	4 - 6 hours every 3rd day
Loam Soil	2 - 4 hours every 5th day	2 - 4 hours every 3rd day	2 - 4 hours every 2nd day
Sandy Soil	1 - 2 hours every 3rd day	1 - 2 hours every 2nd day	1 - 2 hours every day

Garden Beds

Temperature	Cool to Warm 15 - 25°C	Warm to Hot 25 - 35°C	Very Hot >35°C
Clay Soil	30 - 40 minutes every 6th day	30 - 40 minutes every 5th day	30 - 40 minutes every 3rd day
Loam Soil	20 - 30 minutes every 5th day	20 - 30 minutes every 3rd day	20 - 30 minutes every 2nd day
Sandy Soil	10 - 20 Minutes every 3rd day	10 - 20 Minutes every 2nd day	10 - 20 Minutes every day

Lawns

Temperature	Cool to Warm 15 - 25°C	Warm to Hot 25 - 35°C	Very Hot >35°C
Clay Soil	20 - 30 minutes every 8th day	20 - 30 minutes every 6th day	20 - 30 minutes every 4th day
Loam Soil	10 - 20 minutes every 6th day	10 - 20 minutes every 5th day	10 - 20 minutes every 3rd day
Sandy Soil	5 - 10 Minutes every 4th day	5 - 10 Minutes every 2nd day	5 - 10 Minutes every day

Helpful installation notes & tips

Getting started-tools you will need

- **Secateurs** - for pipe cutting
- **Multi grips** - for tightening
- **Tape measure** -for spacing
- **Shovel & rake** - for digging in and covering supply line

Installation Tips

- Keep Pots & Borders emitters & Beds & Lawns on separate lines. It is best not to mix them due to different flow and pressure requirements
- To prepare your supply line pipe, uncoil and lay in the sun to straighten. Once installed, and before you attach water emitters, run water through it to get rid of any debris
- Soften the ends of pipe in hot water to make it easier to push fittings in

Product Tips

- **In Line Filters:** use on all systems to avoid blockages
- **Pressure Reducers:** always use with Pots & Borders systems
- **Ratchet Clips:** use on all connections to secure joints
- **Multi Tool:**
 - punch holes in pipe
 - use to screw micro sprays into rigid risers & stakes
 - twist caps of two piece micro sprays for cleaning
- **Adjustable drippers, micro sprays, sprinklers and pop-ups**
 - allow you the flexibility to increase or decrease water flow to suit your plants' requirements
- **Rigid Riser Stake:**
 - supports rigid risers
 - holds supply pipe in place
- **Goof Plugs:**
 - fixes holes you didn't mean to make
- **4mm Flexi & Rigid Tube:**
 - Flexi Tube is used when tube needs to bend, for example weaving around plants
 - Rigid Tube is used when tube needs to hold its shape, for example on pergolas or in greenhouses

A word about drippers

Drippers in Pot Plants & Garden Borders should be positioned at the base of each plant so that the water soaks into the root zone.

Use PC (pressure compensating) versions for even flow in sloping garden borders.

Garden Drip is ideal for long borders or hedges.

Spray pattern guide



Please refer to: **How much do I water?** on page 20

- Use 90° pattern in corners



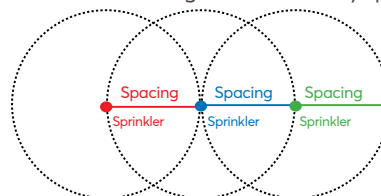
- Use 180° pattern along the edges and against fences or building



- Place 360° pattern in the centre of large areas

Spacing explained

Space Garden Bed water emitters & Pop-Ups apart by the same distance as their spray radius. Overlapping spray patterns achieves even water coverage and avoids dry spots around your plants.



Radius of sprinkler = Spacing.

Handy water-wise tips

- **Water at the right time:** watering your garden in the early morning or evening reduces water loss through evaporation. It's best to avoid watering if it's too windy
- **Choose the right plants:** local native varieties and other water-wise plants need less maintenance and watering
- **Mulch gardens to lock in the moisture:** as well as reducing evaporation and water run-off, a good quality mulch will also provide nutrients to your plants and restrict weed growth
- **Water deeply when your lawn needs it:** If your lawn springs back after stepping on it, it doesn't require watering. When you do water, a good soaking every now and then is preferable to frequent, light watering. Thorough watering encourages deeper roots, giving you a stronger, more drought resistant lawn

Disclaimer: the information contained in this publication is intended as a helpful guide only and is designed to be used for planning domestic irrigation systems. Neta reserves the right to update information without notice. Husqvarna Group accepts no responsibility for damage or injury resulting from the use of this guide.



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