

# Tubex Shrub Shelter Introduction



Shrub Shelter

Shrub Shelter Plus



**The Shrub Shelter is a wider diameter shelter designed to accommodate large and multi-stemmed plants.**

Frequently used for landscaping projects with mixed planting stock, Tubex Shrub Shelters provide plants with more space to grow – preferred by bushier plants such as Laurel, Hazel, Dogwood and Holly.

The Shelter helps deliver an enhanced microclimate, encouraging growth, whilst protecting against animal browsing and herbicide spray.

Designed to last a minimum of 5 years, Tubex Shrub Shelters help boost survival rates in the early stages of a shrub's life and are suitable for both bare root and cell grown plants.

To protect against rabbits choose the 60cm height, and for hare choose 75cm.

Also available in a 'Plus' size diameter for extra bushy plants, they are easy to install, aiding strong root and stem growth, allowing planting of smaller, more affordable plants.

*Note - Shelter longevity is dependent on site and weather conditions.*

### Benefits

- Protects from browsing animals
- Protects from herbicide spray
- Creates microclimate to promote healthy growth
- Easy installation – comes with pre-fitted releasable cable tie(s)

### Installation

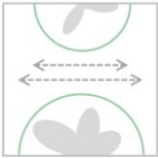
- Plant bare root or cell grown plant.
- Insert stake next to plant.
- Install shelter over plant, gently pushing into ground.
- Firmly tighten pre-fitted cable tie(s) around stake.
- Plan for removal and recycling at end of life once the tree is established.
- See installation diagrams (pg 4) for more information.

### Specifications:

Dimensions	Tubex Shrub Shelter Range		Tubex Shrub Shelter Standard Plus Range		Material	For All Sizes
Height m*	0.6	0.75	0.6	0.75	Tube	Polypropylene (30% recycled material)
Diameter mm	130-160	130-160	144-200	144-200	Cable tie	Nylon
Number of cable ties	2	2	2	2	Tube colour	Green
Type of cable ties	Releasable	Releasable	Releasable	Releasable	Service life (tube)	Minimum 5 years
Length of cable tie mm (inch)	250 (10)	250 (10)	250 (10)	250 (10)	Biodegradable	No
Height of top cable tie from ground mm **	400	500	400	500	End of life	Remove for recycling.
Height of bottom cable tie from ground mm **	150	200	150	200	Recyclable	Yes.
Average weight/tube g	160	201	238	298	Recycling options	Use a local Recycling Centre and the bin for 'Plastic' (Code 5 PP). Or contact Tubex for details of their Collection & Recycling scheme. Or use a similar agricultural recycling service.
<small>* Manufacturing tolerance of tube height +/- 25mm. ** Manufacturing tolerance of cable tie height +/- 15mm.</small>						
Packaging	Tubex Shrub Shelter Range		Tubex Shrub Shelter Standard Plus Range		Recommended support	Stake
Nest	4	4	5	5		
Bundle	28	28	35	35		
Bag or strap banded	Bag	Bag	Bag	Bag		

# Tubex Shrub Shelter Features & Benefits

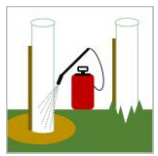
## Plant Welfare



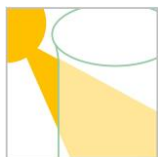
**Wide diameter**  
Larger diameter suitable for plant species that require more space to grow.



**Animal protection**  
Protects young plants from bark-stripping and browsing animals.



**Herbicide protection**  
The tube protects from herbicide spray.



**Light transmission**  
Creates a mini greenhouse effect, encouraging growth.



**Wind protection**  
Delivers wind break effect, protecting plants on exposed sites.

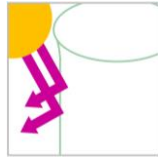


**Flared rim**  
To minimise stem abrasion.

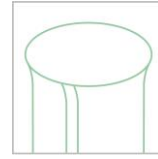


**Laser-line**  
To allow the tree to break free.

## Lifespan



**UV Stabilised polypropylene**  
Provides minimum 5 years protection.



**Strengthening rods**  
to prevent tearing at stake area.

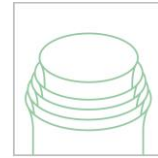


**Twin walled**  
Delivers best strength to weight ratio.

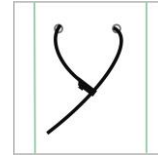


**Recyclable**  
Through local supplier or via the *Tubex Collection & Recycling Scheme*.

## Installation



**Nested**  
For ease of movement around site.



**Pre-fitted cable tie(s)**  
Thumb-releasable for easy installation & maintenance.



**Green colour**  
Blends into background.



Tubex Shrub Shelter 0.6m  
Bag of 28 nested tubes



Tubex Shrub Shelter Plus 0.75m  
Bag of 35 nested tubes

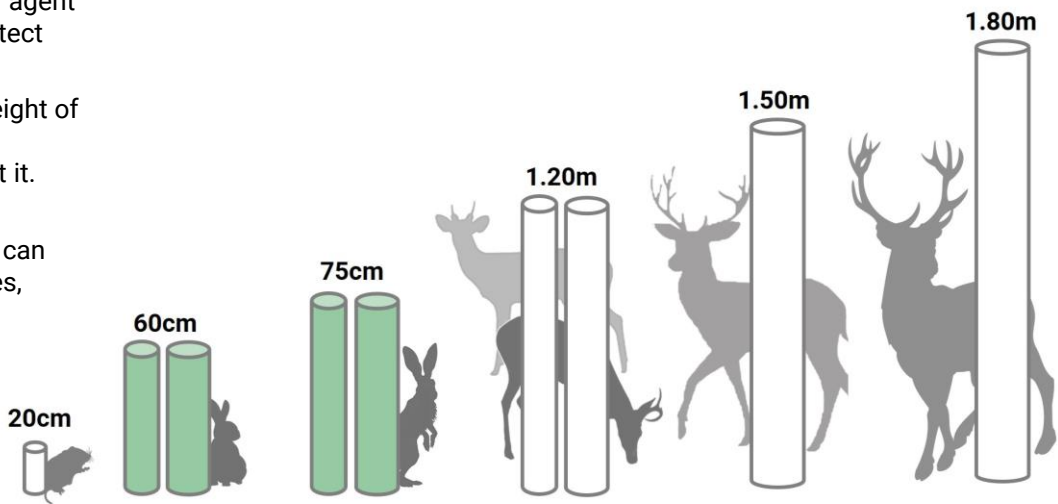
# Tubex Shrub Shelter Range Choices

## Height

Identify which damaging agent (animal) you wish to protect your plants from.


This will influence the height of your protection and the wooden stake to support it.

Depending on the height selected, Shrub Shelters can help protect against voles, rabbits and hare.



Protecting against	Vole	Rabbit	Hare	Muntjac / Roe Deer	Fallow Deer	Red Deer
Minimum height of tube for protection	20cm	60cm	75cm	1.20m	1.50m	1.80m
Height of supporting stake*	Not required	75cm	90cm	1.20m or 1.35m	1.50m	1.80m
Diameter Type	NA	Standard or Standard Plus	Standard or Standard Plus	Standard or Standard plus	Standard Plus	Standard Plus

\* It is advisable to use a longer stake for sandier, lighter soils.

Tubex Shrub Shelter Available Sizes 

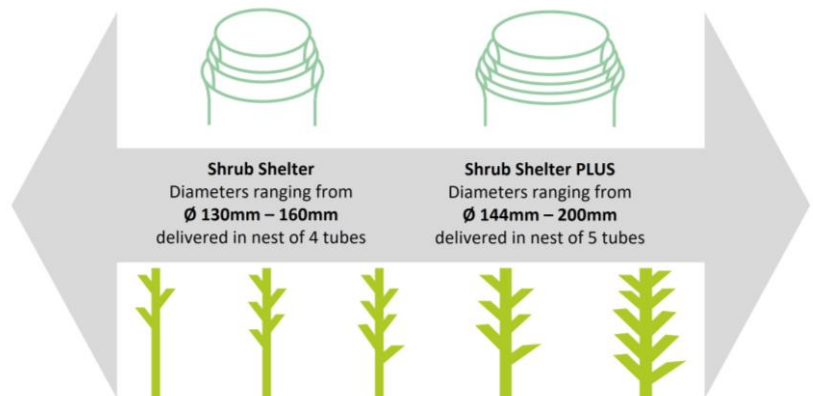
## Diameter Types

Tubes are nested (one inside the other), to save space and time when moving plant protection around a site.

Diameters describe the range of diameters you will find in a nest of tubes, from the smallest to the largest.

Shrub Shelters are available in a standard and also a 'Plus' size.

Use the 'Plus' size range for larger planting stock or for plants that are likely to have bushier growth.



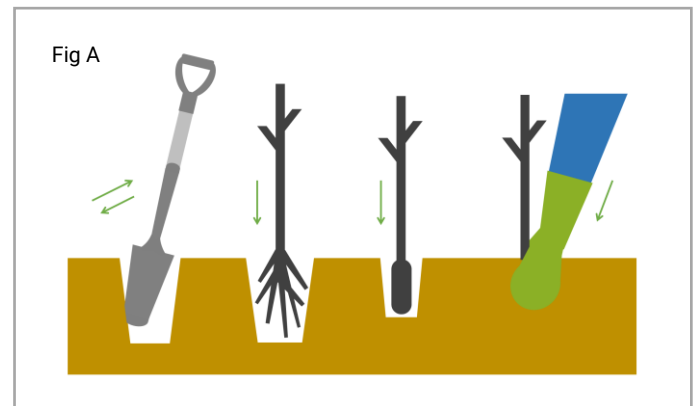
# Tubex Shrub Shelter Installation

## PLANT

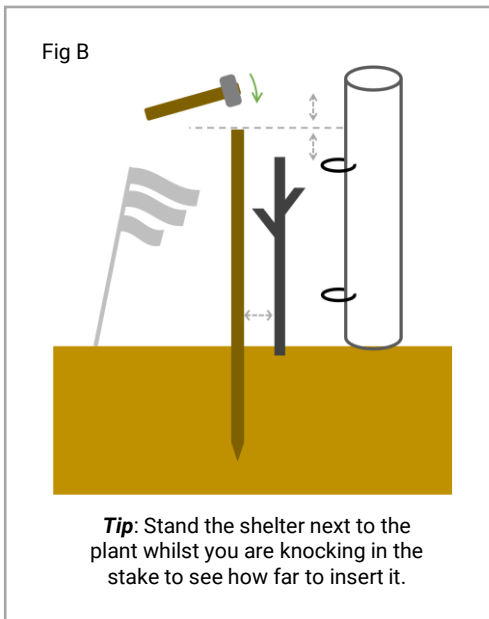
Planting bare root or cell grown plants is a straightforward task, however, do not attempt to plant if the ground is frozen or waterlogged. Find a suitable position for your plants, bearing in mind future growth and potential height and spread at maturity.

Bare rooted or cell grown plants can be 'notch' planted in 3 steps (Fig A):

1. Begin by inserting the blade of a spade into the ground. Push the spade handle away from you and then bring it back towards you. Once you remove the spade, you will see that you have created a cavity or 'notch' in the ground.
2. **For bare root** - place the plant roots within the cavity and shake to ensure that all of the roots are in the cavity and pointing downwards. **For cell grown** - place the cell gently into the ground. Ensure the top of the plug (the soil surrounding the roots) is positioned at 2 to 4cm below the surface to avoid drying out.
3. Fill the cavity with soil. Use your heel to firm the soil around the plant to remove any air pockets. Once planted, give them a good water if practical to do so.

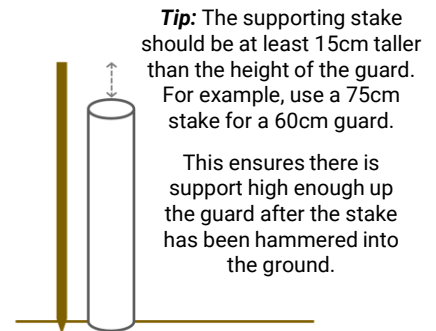


You are now ready to install your support and protection.



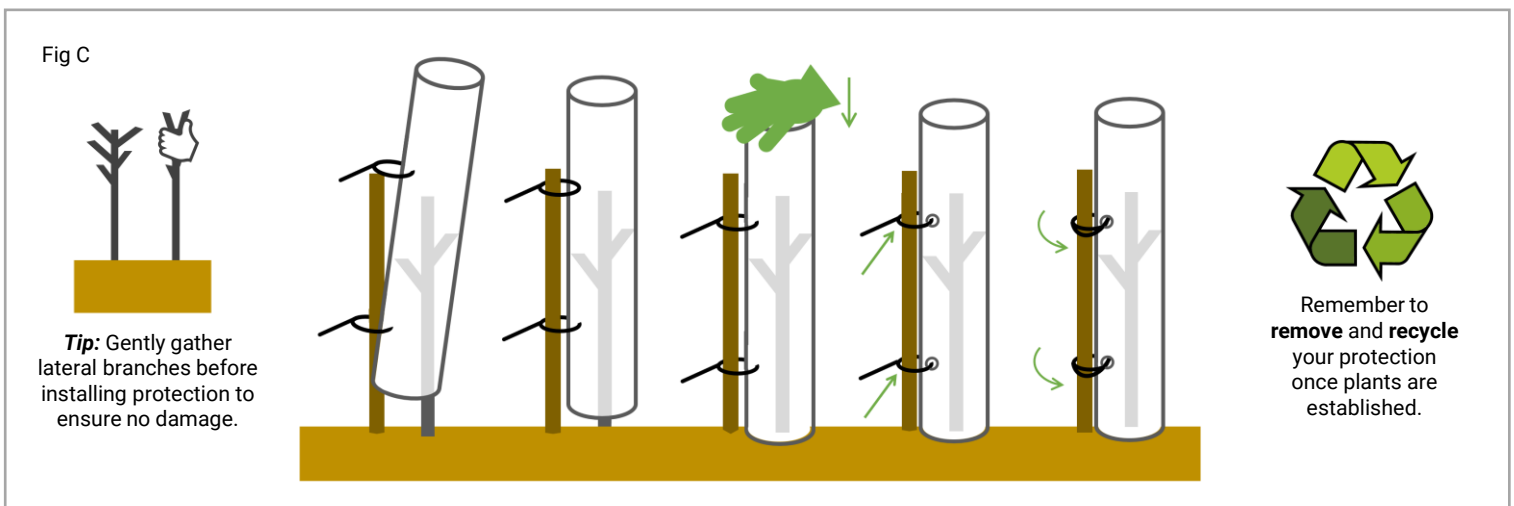
## SUPPORT

1. After planting, position the stake on the windward side if there are strong prevailing winds, and between 2cm to 5cm from the base of the plant (Fig B).
2. Hammer the stake into the ground with a stake driver or mallet (ideally knocking 1/3 of its height into the ground). Ensure it is vertical (particularly important on sloping ground). The top of the stake should be below the top rim of the shelter and above the top cable tie.



## PROTECT

1. Position the shelter over the tree (Fig C), making sure not to damage any lateral branches, sliding the releasable tie wraps over the stake at the same time.
2. Push the shelter into the ground 1cm to 2cm. This forms a safe herbicide barrier and deters vermin from burrowing under the shelter.
3. Tighten the thumb releasable ratchet ties, ensuring the shelter is firmly positioned.
4. Tuck the tie ends into the holes in the shelter for neatness and to deter rubbing by deer or sheep.



Remember to **remove and recycle** your protection once plants are established.