

## INSTALLATION INSTRUCTIONS:

# Plantra® Rigid Mesh Tube Protection for Trees & Shrubs & Garden Plants

### STEP 1 Plant Seedling

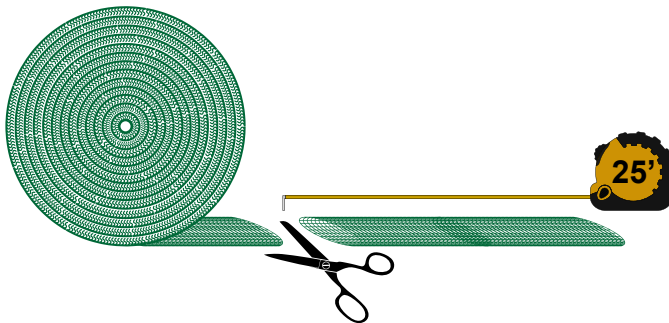
Plantra Rigid Mesh Tubes can be used with either evergreen or deciduous tree and shrub seedlings.

### STEP 2 Measure & Cut Rigid Mesh To Desired Length

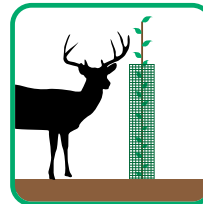
Sturdy scissor and tape measure required. *(See figure 1)*

**NOTE:** If 5ft pre-cuts were purchased skip to Step 3.

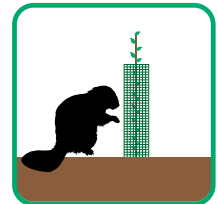
FIGURE 1



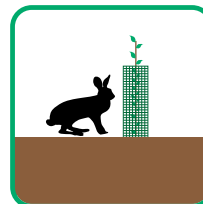
#### RECOMMENDED TUBE HEIGHTS



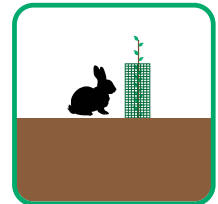
Protect from  
**DEER = 5ft-6ft**



Protect from  
**BEAVER = 4ft**



Protect from  
**LARGE JACK  
RABBITS = 3ft**



Protect from  
**SMALL  
RABBITS = 2ft**

### STEP 3 Drive Support Stake(s)

**NOTE:** All Plantra Rigid Mesh Tubes require at least one support stake and the 12in and 18in diameter tubes should have 2 stakes. Choose the right companion stake for the job before heading to the field.

**FOR WILD LAND PLANTINGS** where your rigid mesh tubes need to remain on trees and shrubs for at least 4-5 or more years. We strongly recommend our SunFlex Stakes to get the job done.

**FOR GARDEN PLANTINGS** and other applications where stakes are intended to only last a season or two, SunFlex stakes are still the preferred choice though other materials may be used.

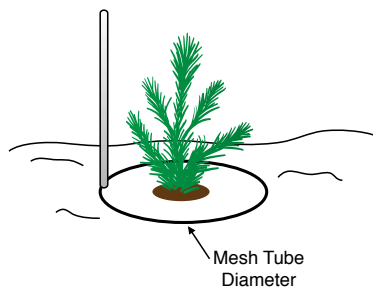
#### RECOMMENDED COMPANION SUNFLEX STAKE LENGTHS

6ft Tube = 84in stake  
5ft Tube = 74in stake  
4ft Tube = 59in stake  
3ft Tube = 47in stake  
2ft tube = 36in stake

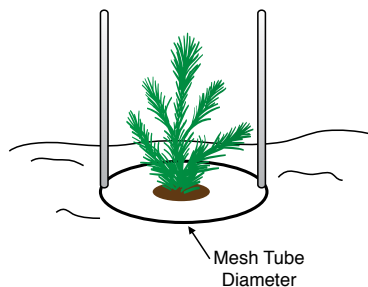
- A. Position stake 1/2 the distance of the tube diameter from the seedling. Doing so will keep the seedling in the center of the rigid mesh tube after its installed. For an 8in tube this distance would be 4in, for the 12in tube the distance would be 6in and so on. *(See figure 2)*
- B. Drive the stake to the required depth. If using SunFlex stakes the ground line marker is clearly identified on one end of the stake.
- C. If using 12in or 18in rigid mesh tubes drive a 2nd stake directly opposite the 1st stake about the same distance from the seedling so that the tube diameter can accommodate both stakes inside. *(See figure 3)*
- D. Drive the stake to the required depth. If using SunFlex stakes the ground line marker is shown on one end of stake. When finished, top of stake should be at a height at or slightly below the top of the mesh tube.

**TIP:** One or two sod anchor staples can be used to help pin the base of the tube firmly to the soil to reduce entry by critters. Position staples away from stakes for maximum anchor support. *(See figure 4)*

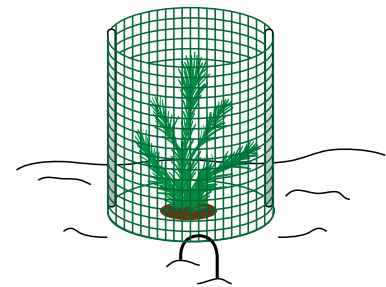
**FIGURE 2**



**FIGURE 3**



**FIGURE 4**

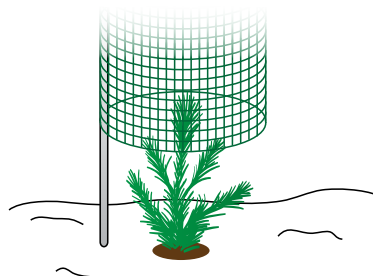


## STEP 4 Install Rigid Mesh Tube

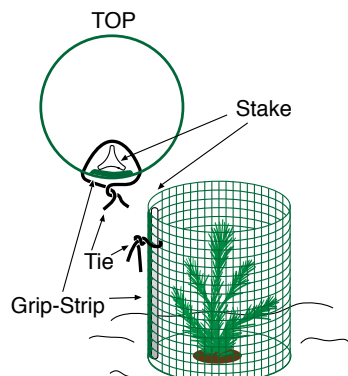
- A. Pop tube open by flattening it in the opposite direction than how it was packed. To keep the open shape it's often helpful to fold a light crease into the new edges by pinching them along their length between your thumb and fingers.
- B. With the tube completely open, raise it up and over the stake and slide it down to the ground keeping both the seedling and the stake entirely inside. *(See figure 5)*
- C. Align the reinforced "grip-strip" with the stake and starting at ground level, attach ties every 2.5ft of tube height to secure to stake. *(See figure 6)*

**HINT:** When using the Plantra's Twist-Lock Rubber-Coated Twist Ties, bend 3-4 inches of one end into a hook as shown in *figure 7*. Starting from outside the tube, hook the looped end through the mesh on one side of the stake, around the stake and back out the other side as shown. Cross and pull the tie ends so the stake is snug to the tube and twist 3 times secure. Repeat for remaining ties.

**FIGURE 5**



**FIGURE 6**



**FIGURE 7**

