

# SUMMARY | FOREST INSTALLATION

## 5/16

4 to 10 taps per line

33 rolls per 1000 taps

Lines as straight  
as possible

Minimum 36" drops  
(166 drops per 5/16 roll)

Cost per drop:  
approximately \$1.25  
per drop

## MAINLINES

Available models: HD,  
SpinSeal, Fusion

Blue, black, or green

Pre-lashed mainline  
available

For a budget estimate,  
calculate 3000-3500' per  
1000 taps

## WIRE

A high-carbon wire roll  
measures about 950'

A wire to be rolled per foot

A #12 wire roll measures 1250'

The wire is run through a 1/2"  
pipe at minimum to avoid  
damaging the tree (you can  
also reuse old main line)

4 pairs of wires to splice per  
high-carbon wire roll

Gripple holds less effectively  
on high-carbon wire at very  
high tension

Stakes are recommended  
when the slope is shallow or  
when the main line is  
unsupported for more than 50'

Tension baskets can be used  
to hold the main line in place,  
but no tension should be  
applied to it

## GENERAL PRINCIPLES

Apply a 4% stretch on the 5/16

A proper installation allows  
water to flow by gravity  
from one end of the system  
to the other

Desired minimum slope of 1%

Vacuum must reach every tap

No longer recommend using  
3/4" for a mainline,  
1" minimum

Lines and mainlines should be  
as straight as possible and  
without restrictions

SpinSeal fittings and mainline:  
the combination offering the  
best durability and value for  
money on the market!