

## RANGE OF ACCEPTABLE PLUG SETTING

- Fastest rate of uptake
- Least chance of leakage
- Best protection of the cambium
- Fastest drill site closure (growth over the Arborplug)



**Proper set:** below the cambium layer, in the xylem tissue



## INCORRECT PLUG SETTING

- Highest chance of leakage
- Higher chance of bark splitting
- Least protection of cambium
- To fix, give the plug another tap or two.



# HOW TO DRILL, PLUG & INJECT ARBORPLUGS

## DRILL

1. Use DBH/3 with the FSeries/TREE I.V or 8" spacing
2. Use DBH/2 with the QUIK-jet AIR/QUIK-jet or 6" spacing
3. For trunk pests use 4"-6" spacing
  - a. Always read and follow label instructions
4. Choose healthy tissue, avoid damaged bark and/or compression wood or flat spots if possible
6. Optimal plug locations are within 18" of soil line, along trunk flares where possible
7. Drill 5/8" - 2" deep into tree xylem (white tissue)
  - a. Use a 9/32" bit for #3 Arborplugs or a 3/8" bit for #4 Arborplugs
  - b. Drill a perpendicular hole (straight in not on an angle) Depress drill trigger fully, but do not apply pressure to the drill
  - c. Drill through the bark and allow the drill bit to "land" at the denser sapwood surface. This is where the largest portion of the plug should reside when set properly.
  - d. Then, apply pressure to the drill and drill 5/8" - 2" deep into the sapwood

## PLUG

Insert and set Arborplug with set tool and hammer. The Arborplug surface should be just into the xylem. (See above for proper plug placement)

## INJECT

Insert needle(s) and inject according to label instructions and equipment guidelines.

