

Frequently asked questions

1. “Will the cap crack or break if i hit it with a sledge hammer?”

No, to ensure its durability, we've put this cap through serious R&D tests. We tested the cap for splintering and cracking, by driving a car over it numerous times, and it remained intact. We also took one cap and hit it over 1,000 times, driving it into really hard ground, the cap held up extremely well and almost looked new. We chose to use 1 cap to install all the stakes, keeping the rest of the caps in pristine condition. The caps were specifically engineered to withstand the force of repeated hits by a 3-5 lb. sledge hammer. We're so confident about its durability, we guarantee it not to break. Since most people use our stakes when planting new trees, you can also just place the stakes in the hole at the time of planting without having to pound on the caps.

2. “there's no way that stake will ever go into my soil. My soil is way too hard - Mostly made of clay or rock.”

That's exactly why you need Deep Drip®! Your soil may be so compacted that when you surface water, the water doesn't get much deeper than 8-12 even after watering for hours. Using Deep Drip® allows you to water 9-36 inches deep through compacted soil, depending on the stake length you have chosen. Other methods of installation include using an: auger bit, water drill or steel driving pole. Saturating the soil around the chosen installation area is recommended, but if the soil is too dense, using a soil softener before installing may be helpful. If you hit a rock or a boulder when hammering your stake in, it will need to be moved to a new location. Deep Drip® stakes are so durable, we guarantee them not to break upon installation or we'll replace your stake at no cost with receipt for up to one year.

3. “My tree is stressed or seems to be dying - Can using deep drip® help save my tree?”

Yes, Deep Drip® allows for fertilizer and nutrients to be placed deep into the root zone for your trees optimal absorption. It also helps aerate, allowing oxygen to flow down to the root zone, which is vital for the health of your tree. Many Customers have shared stories about how Deep Drip® helped bring their trees back to health.

4. “i live in an area with freezing temperatures - Will my deep drip® Watering stakes hold up under extreme cold temperatures?”

Yes, your Deep Drip® stakes are made of ABS plastic and the plastic is designed to hold up under both high and low temperatures, from 0°F to 180°F. We've been told that ABS can withstand -0°F temperatures under normal circumstances, however, if the parts are “influenced” in any way, it is possible that the stakes could be susceptible to cracking or breaking, so if you choose to use them in -0°F weather, we can't guarantee the outcome.

5. “i don't have an automatic drip system, so how can i use deep drip® for my trees?”

You are not alone, only about 50% of our customers use an automatic drip system while the other 50% use a garden hose or flood irrigation. There are many areas of the country that do not use micro irrigation and therefore we have made sure our stakes work well with both watering options. After inserting Deep Drip®, you can, take the cap off and run a hose up to the open end of the stake, a slow but steady flow will allow you to achieve deep watering at the roots. Another recommendation when using a water hose, is to create a small berm/tree well around the tree trunk to keep the water contained. Place 2-3 stakes inside the circle leaving the cap on and top holes above the

ground, to allow water to flow into the stake. The water from the hose will fill up the berm/tree well, watering the shallow roots as well as flowing inside the stakes to water the deep roots. The larger the tree, the larger berm or tree well will need to be, and the more stakes you'll need to surround the tree. This same principle will work in areas that use flood irrigation. Just make sure you bury your stakes low enough to avoid any damage from a lawn mower.

6. “We get plenty of rain here and the soil doesn't have any issues with getting water to the roots.”

That may be true in some cases where there is more sand in the soil, however, many areas have clay or rock which makes it a lot more difficult. The main issue to consider is that most homeowners have their automatic drip system set for one zone, designed to water their lawn. Most people don't realize that their trees and plants should be set up on a separate zone. Unfortunately, when everything is set up on one zone, your trees and plants don't get enough water to reach the roots at 24-30 inches deep. Using your Deep Drip® Watering Stakes will guarantee that no matter how long you water, the water will get down to the roots. Other reasons to use Deep Drip®: It assists with deeper fertilization when adding fertilizer inside the shaft, prevents wasteful run-off when using with trees situated on a slope, and helps aerate the root zone by funneling oxygen through the stake, which is vital to your trees health. Using Deep Drip® is also a necessary tool to help you establish your new tree at the time of planting. It maintains your tree, and directs your roots to grow deep into the soil, instead of coming up to the surface looking for the water source.

7. “our soil has a high saline content - what's the best way to water?”

That's a great question, for optimal watering of both shallow and deep roots, you can include an emitter at the surface, to water in combination with Deep Drip®. In areas with a higher saline content, this will also help leach the salt out of the soil. It's not required, but we like to recommend this combination in order for you to achieve a complete and efficient watering every time.

8. “What are the recommended “fl w rates” for my deep drip® Watering stakes?”

Because there are so many variables, we leave that up to nursery professionals who can make a better recommendation based on the following details:

1. Regional soil density - the more compacted the soil, the slower and longer the water needs to run.
2. Type of tree and its specific watering needs – i.e. A Ficus or Palm Tree will need a lot more water than a Mesquite tree.
3. Number of Units - the more Deep Drip® units around your tree, the lower the flow that is needed (i.e. 5 stakes/emitters @ 1 gph ea. or 2 stakes/emitters @ 2 gph ea.) If you have an emitter that was too powerful and the water comes back up through the top of the shaft, that's actually not a bad thing, especially since we recommend an emitter at the surface to water the shallow roots as well. There are also many adjustable emitters on the market that can be controlled from 0-10 gallons per hour, depending on how tightly they are rotated. Using this kind of emitter may best, as a homeowner/ landscaper could perform specific tests at different flow levels with the same emitter.