

SoilTech FAQ's

Why SoilTech and not mechanical aeration?

- As discussed in the other material, it doesn't do anything to change the soil structure (Jar of Sugar and Marbles), it just pokes holes in the soil.
- Since SoilTech is a liquid, it covers the entire lawn. Mechanical aeration only pokes holes in 3-5% of the lawn at best. Meaning SoilTech effects the entire lawn.

Is SoilTech Safe?

- Yes, we've done testing and it is. With that said, still tell customers, like all other of your treatments, to stay off the lawn till it is dry.
- As for the lawn techs, you might find that the constant over spray on your boots or if you get some on your hands it may feel tacky, that's just how it is. It is not hazardous.

Will It Stain Concrete?

- Nope. There is a slight amber color in the concentrate but once mixed with water it's virtually clear. We've been selling it for 15+ years and tens of thousands of gallons have been applied and never had an issue with staining concrete of any type.

What Is the List of Benefits of SoilTech or the Porosity it Creates?

- It Aerates the Soil:
 - Allowing air into the soil increases microbial activity, adding nutrients to the soil but also making the ones you all put down more effective. Bottomline, is it creates a healthier environment for the turf.

- Aerating or increasing soil porosity makes it easier and more efficient to get inputs (i.e., fertilizer) into the soil where they need to be to work.
- Porosity makes it a lot easier for increased overall root growth and depth. Better root system, healthier turf.
- Improves Drainage and Water Retention:
 - Water can flow through the soil, preventing pooling of water on the lawn.
 - Tight soils are loosened, allowing water to deeply penetrate lawns through the soil profile. This results in more efficient and effective watering since more water is going into the soil and not running off.
 - With increased porosity in the soil, more water is also able to be retained and at a greater depth which helps stave off drought stress.
 - Most of all, with water able to move further into the soil, roots will tend to grow deeper (especially in drought conditions) which improves the plants overall health.
- Reduces Hydrophobic Soils
 - When soil gets really compacted and dry, it will start to repel water. This happens mainly during a bad drought. SoilTech keeps this from happening and if your lawns does go dormant due to heat/drought stress (remember, SoilTech can help keep it from happening but it can only do so much), once rain/irrigation come back, it will return it from dormancy quicker.
- Areas of Poor Turf Quality
 - Warm season grasses won't spread, or cool season grass seed won't establish in a certain area, probably due to localized compaction or localized dry spots LDS. This is where SoilTech make a big difference.
 - Same as above but low-lying areas which never drains and stay saturated, another great area for SoilTech to really help.

How Quickly Will the Customer See Results?

- Always a tough one to answer since a lot of factors play into it, mainly watering, but the first signs of it working will be in the worst places in 30-60 days (nothing in soils change quickly). Low lying areas that hold water for long periods of time will start to drain faster and bald areas with warm season grass, will see if spread back into those areas in that timeframe.
- The biggest thing is telling customers you will see those specific issues get better in the 30-60 days' timeframe and they will see overall improvement in the health of the lawn over the next year. With that said, the biggest improvements you get from SoilTech is the next year after making another treatment and so on. The reason is that when you make an application the second year, the soil is in much better shape than when you made the very first treatment. SoilTech is not a one treatment and done, it works better every year you put it on. So, make sure you let them know to keep taking the application every year.

What am I going to see after the SoilTech application?

- Nothing! No chewed-up turf or plugs laying on the ground. Much like a normal liquid treatment, there isn't any change in appearance, for now. If you are concerned about the customer not seeing anything, you can either add a marking dye or an iron amendment to get a good pop of color in a few days.

Is SoilTech better than applying gypsum or calcium?

- Yes. Much of what gypsum or calcium does to combat soil compaction, SoilTech does and then some. The biggest difference is how much faster and more complete SoilTech will reduce compaction. Gypsum and calcium product take a long time to break down enough for the soil to absorb and use them.

What's the difference between SoilTech and all the other products out there?

- Put simply, all the other liquid aeration products can give some minor and short-term relief but don't fix the actual issue of soil compaction. They put a band-aid on the problem, SoilTech fixes the problem.

Is it a one-time application or will I need yearly applications.

- One application of SoilTech will improve your compacted soils but won't wipe them out completely. Also, most of the factors that caused the soil compaction in the first place won't go away either (like foot traffic). Yearly applications will reduce soil compaction further down into the ground and then will keep it that way.

Will it harm my flowerbeds or any other ornamental trees or shrubs?

- SoilTech will not harm any plant material. SoilTech stays in the soil and is not absorbed by plant roots or tissue.