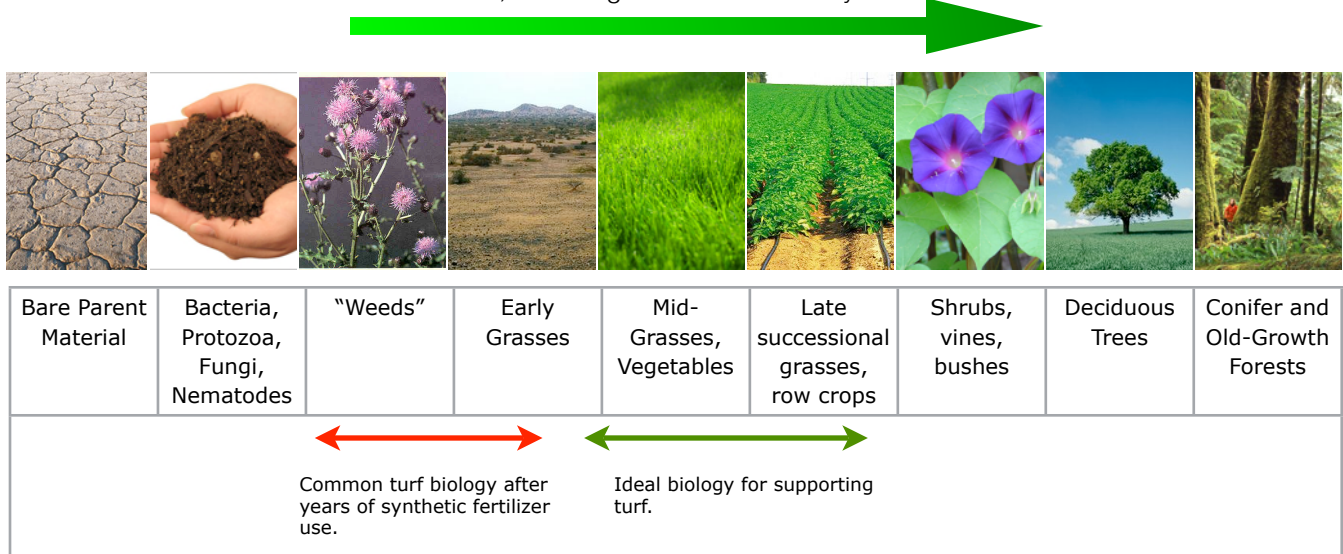


Natural Soil Evolution, occurring over thousands of years.



How EnviroPerfect Solutions works

The EnviroPerfect Methodology

We use the same approach as Mother Nature in Succession. Below are some amazing examples of utilizing Mother Nature's approach. Each solution utilizes organic products and focuses on the restoration of the ideal biological footprint for the desired plants. Mother Nature has systems in place to counter every pest, every disease. It is simply a matter of accurately diagnosing the problem and applying the correct solution.

Let's review a little soil biology. As shown in the above illustration, soil's natural evolutionary process starts with bare minerals devoid of life and progresses all the way to old growth forests. Each ecosystem has a unique biological footprint that is ideal for the type of plant growing there. The entire process can take thousands, even millions of years, and moves in a predictable pattern.

Events like fire and floods force soils' biological evolution to take steps backwards. Synthetic fertilizers and herbicides have a similar impact as a flood or fire on soils.

Biological soil tests of most turf reveal the same biological footprint as a weed field, as indicated by the red arrow. Traditional turf management programs consist of a "kill the weeds feed the turf" approach. The results are immediate and often great looking turf because nutrients are uploaded instantly. Spoon feeding and pampering the turf means that it cannot stand on its own. When the time comes that herbicides are banned, this approach collapses and the battle for supremacy is won by weeds.

Ideally, the biological footprint of sports fields and other play spaces should be in the green arrow range above. The corresponding soil biology is designed to work in a symbiotic relationship with the turf to provide the nutrients required for healthy turf, while simultaneously creating an environment that weeds do not like.

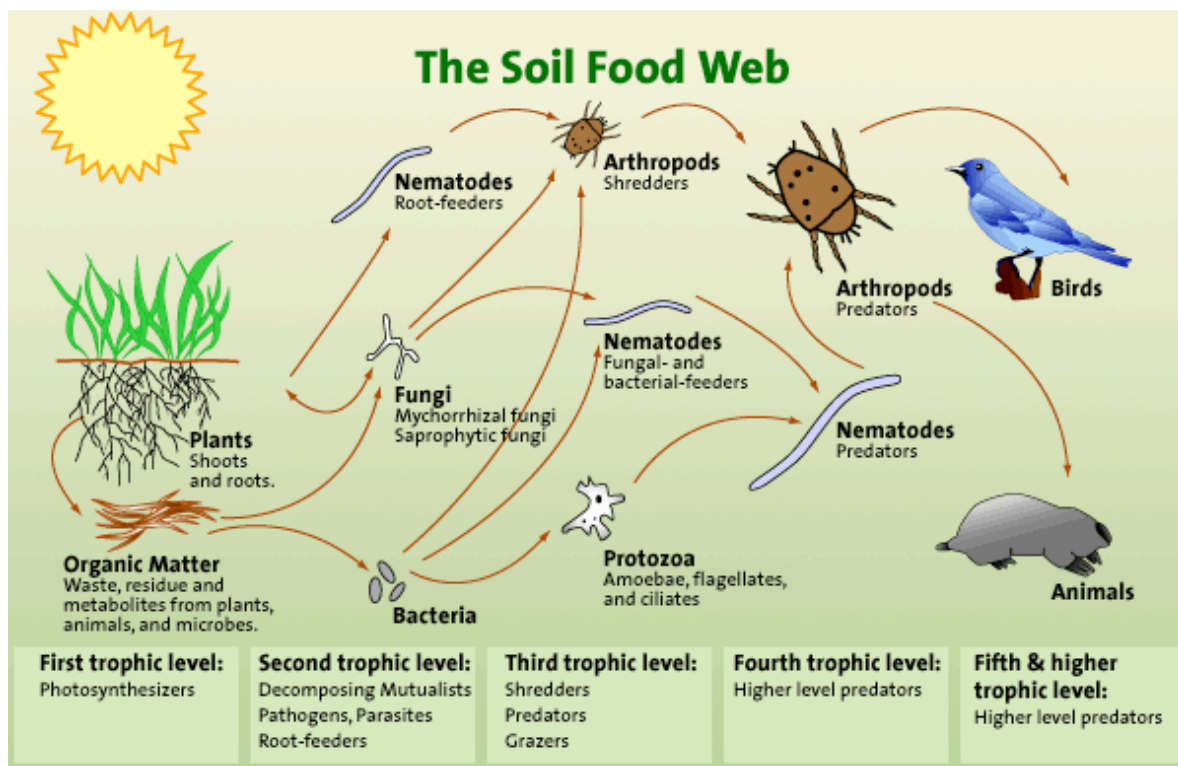
EnviroPerfects' approach is unique because we focus on the health of the soil not just replacing synthetic fertilizers with organic ones. Our program works on restoring the right biological footprint in the soil by applying nutrients specific to the micro-biology desired in the soil. This causes the populations of these organisms to grow rapidly and the various levels of the ecosystem to re-establish themselves. We also add beneficial micro-organisms to the soil to accelerate this process. At the same time we recognize that the turf is

accustomed to being spoon fed, thus we use our custom blended organic fertilizer to support the turf during this process. EnviroPerfect does in three to five years what Mother Nature takes one hundred to do with synthetic fertilizers and herbicides constantly obstructing the course to natural balance. Our goal is to help re-establish a functioning Soil Foodweb.

The Soil Food Web

The Soil Food Web is the interconnected system of micro-organisms in the soil beneath the turf that keeps the turf above looking great and thriving.

With proper root structure, earthworms, proper bacteria and fungi and other organisms, turf can receive most of the nutrients from the soil. These organisms work symbiotically with the turf to convert organic materials to inorganic ones that the turf can readily use. This symbiotic relationship also encourages the roots to go deeper to obtain food and water making the turf more drought tolerant in the hot dry summer. The natural evolution of the soil supports and nurtures the plants growing in that particular ecosystem. Unfortunately, the use of synthetic fertilizers and herbicides kill the very micro-organisms we would like to encourage, causing the Soil Food Web mechanism to stall. Thus the turf becomes solely dependent on outside amendments for its' food.



Weeds

Most people look at their lawn and see at least a few weeds here and there. Others see more weeds than grass. People think of weeds as pests and find ways to destroy them, hence the prevalence of herbicides such as RoundUp and KillEx.

These herbicides may have their place when conditions require an extreme makeover and alternative methods are not practical or cost effective. However, they should only be used sparingly and in spot control situations. Regular use is strongly discouraged, as they kill more than weeds. They kill beneficial organisms in the soil.

Weeds thrive in an environment that is harsher than that suited for the kind of grass you want in a lawn. Weeds are survivalists, and will make use of your land unless you elevate the biology and soil conditions to a point unsuitable for them. Lawns treated by EnviroPerfect eventually reduce weeds naturally. The lawn naturally out-compete the weeds.

The EnviroPerfect Solution

The first step is to get your lawn off its' drug dependency on fertilizers and chemicals. It is important to support your lawn during this process. EnviroPerfect uses organic fertilizers while applying solutions that specifically target certain organisms in the food web to bring the life back to the soil very quickly.

We generally begin treatments in the spring, but it's never too late to start an organic lawn care program. We start new clients on the program as late as August and September.