



## How GardenMAX really works...

You, the earth, your landscape -let's not make it complicated. It's all about working with nature, rejuvenating natural processes and supporting life in our soils. The science may be complex but the concept isn't. It's natural. It's just the waythings are supposed to work. That's why we've put the time in behind a microscope and in the field developing products like GardenMAX that really make a difference to you, the environment and your landscape. When your lawn needs a little TLC, the Fix it! Program is the place to start.

Because the 'circle of life' in your lawn is complex, we've been able to combine ingredients in GardenMAX that address a wide range of issues that may be out of balance and causing problems in the landscape. Let's take a look at what GardenMAX does to bring your landscape back into balance:

- **Softens Hard Compacted Soil**-GardenMAX is powered by BioLife Complex and contains 10X More Mycorrhizae and Beneficial Bacteria than leading brands. Some of these amazing microbes physically and actively pull soil particles together leaving open air spaces in the soil. This is a sustainable change in the soil structure and helps keep your soil soft for a long time to come.
- **Softens Heavy Clay**-This is a difficult soil type that is very common in hilly areas. The real reason heavy clay is so difficult for plants to grow is the extreme compaction that can occur. The soil particles are packed so close together that it doesn't allow water and air to penetrate. Read the section above on 'Hard Compacted Soil' to learn how GardenMAX addresses this issue.
- **Increases Water Penetration** -This is a very common situation when water is not able to soak into the ground and instead runs off. The real reason water is running off the landscape or sitting and pooling without being able to soak in is the extreme soil compaction. When the ground is so hard and tightly packed together, it doesn't allow water or air to penetrate. Read the section above on 'Hard Compacted Soil' to learn how GardenMAX fixes this common landscape problem and turn your hard compacted soil into a place plants love to grow.
- **Builds Strong Roots**-After fixing issues like compacted soil, pH imbalance, nutrient shortages etc, GardenMAX is allows your plants' root systems to grow to their full potential. When roots have such a great place to live, they can expand by up 100X-1000X in the first 6-8 weeks! In addition, the BioLife Complex in GardenMAX contains some amazing microbes called Mycorrhizae that attach to the roots of plants and extend out into the soil to grab water and nutrients and bring it back to the plant root. This type of teamwork between lawn roots and microbes promotes sustainable and healthy growth for the plants in your landscape.
- **Increases Drought Resistance**-After GardenMAX expands your lawn's root system by 100X-1000X (see above), your lawn has MUCH greater access to water way down deep in the soil and is more efficient at absorbing it. As a result,

your lawn will be better prepared to thrive with less water. In fact, we frequently see clients saving as much as 40% water after using the Fix it! Program with GardenMAX.

- **Increases Healthy Growth**-Slow growing or unhealthy plants usually results from an imbalance in the soil. GardenMAX fixes common problems in the soil and creates an environment where lawns love to grow. Whether poor growth is stemming from a pH imbalance, nutrient shortage, weak roots, heavy clay or hard compacted soil etc, GardenMAX corrects the soil to help your lawn thrive.
- **Corrects pH**-pH is a measure of the relative acidity or alkalinity on a scale from 0 (more acidic) to 14 (more basic). Most plants prefer a pH near the middle at a pH of 7 or neutral. When the pH balance is thrown off, the health of your lawn can severely decline and it will really struggle to stay healthy. GardenMAX corrects pH imbalances within the soil and no matter what the starting point, brings the pH back closer to neutral to keep your lawn growing right.
- **Solves Nutrient Shortage**-There are 14 plant nutrients that are essential for plant growth. All plants must have an adequate supply of each of these 14 nutrients to be healthy and grow properly. If one or more of these nutrients are lacking in the soil, plants will get sick and start to decline, even though an adequate amount of other elements are available. GardenMAX includes complete fertilizers and restores trace elements back into the soil. This ensures your lawn a healthy supply of nutrients so plants can grow strong and healthy.

BioLife Complex in GardenMAX contains some amazing microbes that digest plant nutrients and turn them into a form plants can absorb and use. Just like the bacteria in your gut helps to digest the food you eat, plants need the same type of help from beneficial bacteria to digest their food in the soil. But, it doesn't stop there, BioLife Complex also includes microbes that are able to pull plant food out of thin air. That's right, these amazing microbes grab nitrogen right out of the air and can supply a plant with a whopping 30% of its nitrogen requirements. includes microbes that are able to pull plant food out of thin air. That's right, these amazing microbes grab nitrogen right out of the air and can supply a plant with a whopping 30% of its nitrogen requirements.

- **Increases Insect & Disease Resistance**-The Fix it! Program contains NO chemical pesticides, herbicides or fungicides. Instead, we believe it is much healthier for you and your landscape to fight these pests naturally. Powered with BioLife Complex, millions of microbes team up to help keep pest and disease populations in check.

## **What is BioLife Complex?**

Soil health is the ability of soil to function as a living ecosystem that sustains plants, animals, and humans. It is important to manage soil properly so that it will be a sustainable resource for future generations. To do this, we need to remember that soil relies on living organisms -LOTS of them -to maintain a healthy ecosystem. In fact, 1 tablespoon of healthy soil can contain 50 billion microbes, many of which are essential for plant health.

BioLife Complex is a concentrated blend of beneficial soil microbes. These hand-selected microorganisms target depleted and declining landscapes to revitalize the natural growth cycle. To ensure your soil has enough of the right microbes, BioLife Complex contains 10X more mycorrhizae and beneficial bacteria that are most beneficial to plant health.

We call beneficial microbes our heroes because they provide your plants with some pretty super benefits. Take a look at how these microorganisms save the day and then dig deeper by visiting our Learning Center.

### **Benefits of Beneficial Microbes in BioLife Complex:**

1. Improves soil structure
2. Breaks down organic matter into a form plants can use as food
3. Increases disease resistance
4. Increases pest resistance
5. Increases drought resistance
6. Increases root absorbing area by 100-1000X
7. Filters toxins from the soil
8. Grab nitrogen (N) out of the air and feed it to plants
9. Many more!