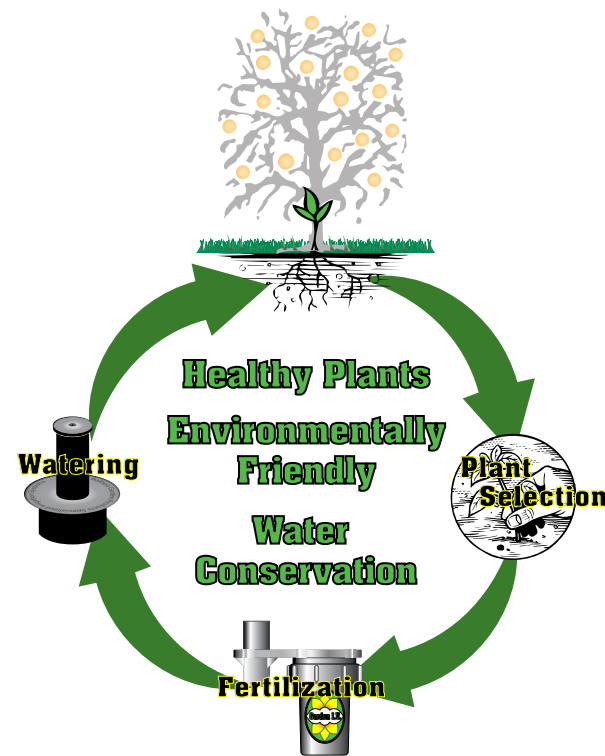


## What is a **SMART** Landscape?

Plants need sunlight, water, and food in order to survive.

All plants need some combination of these basic elements. The SMARTLandscaping approach is to use new technology to apply an optimal amount of these basic needs to the plants. The result is a landscape that conserves water, needs fewer pesticides, and minimizes run-off into our oceans.



## What is the **SMART** Landscaping Exchange?

The SMARTLandscaping Exchange is a network of landscape professionals that have joined forces to develop, market, and install the latest in water efficient and environmentally friendly products for your garden. A homeowner can order a standardized, professional installation and be assured that a trained professional will come to their home.



**We Specialize in Improving  
the Efficiency of  
Your Current Landscape Irrigation System.**

**SAVE Water...  
REDUCE Runoff...  
HEALTHY Plants!**

**Contact us today  
to schedule your in-home installation**

The SMART Landscaping partners include:



smartlandscaping.com

or

call 877-301-Garden



**Save Water  
Reduce Runoff  
Healthy Plants**



**An average homeowner spends 68% of their total water bill to maintain their landscape. More efficient watering, fertilizing, and soil amending techniques can lower your water bill and help your plants look their best.**

# Common Landscaping Practices...

## How do plants receive their basic needs from nature?

Plants require three basic needs in their natural environment: sunlight, water, and nutrients. In nature, plants get direct sunlight or varying levels of shade provided by larger surrounding plants. Water comes in the form of rain, snow, lakes and rivers. Finally, plants get their nutrients from the breakdown of other living matter. Plants perform better when their garden environment mimics their natural environment.

## BASIC GARDEN PITFALLS/MISTAKES

### Shallow watering and Sunlight mismatch

Plants are often selected without careful consideration of the plant's basic needs. It is common to find large trees placed in the middle of lawns. This mismatch of water and sunlight requirement creates problems for both the lawn and the tree. The frequent watering tells the tree to put out shallow roots, rather than the deep roots necessary to become stable and extract deeper sources of water. As the tree grows it creates shade, which in turn blocks the lawn from receiving enough sunlight.

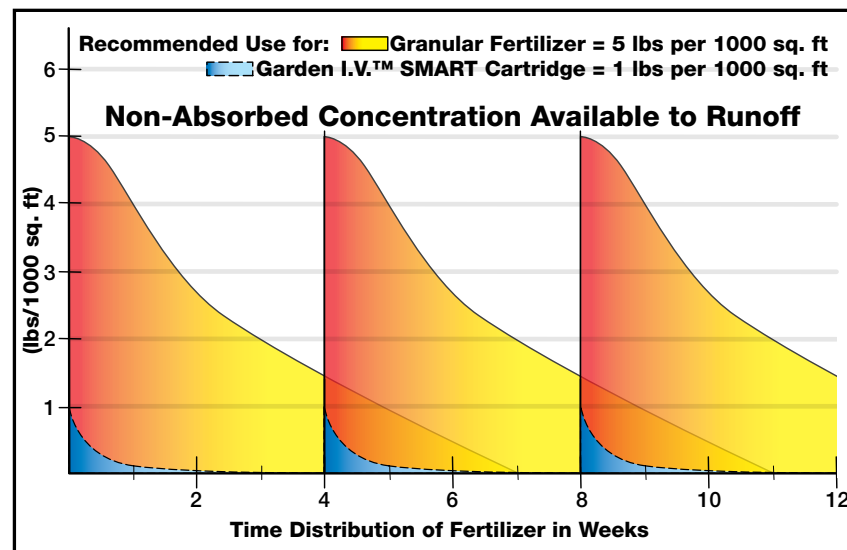
### Misting Sprinkler Heads

Most sprinkler systems are installed without considering the effects of excess water pressure in the system. This excess pressure puts wear and tear on the system and causes a major source of wasted water.



## Excess Fertilizer Wasted and Soil Becomes Depleted of Organic Content

Time released fertilizer is applied to the garden and slowly dissolves over time. The undissolved particles are susceptible to being blown away, washed away, or sucked up by a lawn mower. Also, chemical fertilizers contribute to depleting the soil of nutrients.



# The SMART Landscaping Approach

The SMART Landscaping approach is to consider the complete landscape design starting with plant selection, irrigation design, and plant nutrient requirements.

## SMART Plant Selection Basics:

SMART Landscaping starts with picking the correct plants and locating them in the garden with considerations for water and sunlight needs. Plants with similar watering needs should be grouped and watered together. These plants will also have similar nutrient requirements.



## SMART Irrigation Basics

### 1. Pop-Up Spray head

Pop-up spray head are great choice for small garden areas. These spray heads are designed to operate between 20-30 PSI. Add a pressure regulator or reduce the flow to prevent excess pressure.



### 2. Low-Precipitation Rate Sprinkler

Low-Precipitation rate sprinkler heads are a good choice for applying water to hillsides. These spray heads apply water at slower rate, leaving more time for the water to soak in instead of running down the surface.



### 3. SMART Feeders

The SMART Feeders apply soil conditioners and nutrients through the sprinkler system. This improves plant quality and reduces the need for pesticides.



### 4. SMART Irrigation Controllers

A SMART Irrigation controller will optimize the run-times for each sprinkler zone based on plant type, sprinkler type, soil type and slope. The controller converts real time weather information and geographic information into a model of water evaporation.



# Break the Chemical Dependency...

Chemical fertilizers help farmers increase crop yields and homeowners have green lawns and flowering plants. As crop yields increased and lawns became greener, pests and diseases could more easily attack the plants. In order to protect the plants, the pesticide industry came up with chemicals to treat the symptoms. Now farmers and homeowners are caught in a never ending cycle of fertilizer and pesticide use and this has depleted the soils' natural ability to support plant life.

A better understanding of plant biology and soil chemistry is leading farmers and homeowners back to nature. In Live Earth product's case this is way back to nature in the form of humate, completely decomposed ancient plant life. Humates are very high energy long chain carbon sugars that feed the plants and the living organisms in the soil. The benefits of humate include: Increased Root Growth, Increased Chlorophyll Content, Increased Nutrient Uptake, Improved Quality of Plants, Enhanced Natural Defenses, Improved Soil Structure, Improved Water Retention, and Soil pH.

Healthy plants with efficient roots use water more efficiently and need fewer pesticides, saving water and reducing harmful runoff into our oceans. The SMART approach is to apply the right combination of soil conditioners and plant nutrients to match the plant's seasonal growth cycle.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Lawn	1	1	3	3	3	1	3	3	3	3	1	1
Shrub/Flower	1	1	2	2	2	1	2	2	2	2	1	1

### (1) Soil Conditioner - Great 8 1-0-0 with 8% Humic Acid

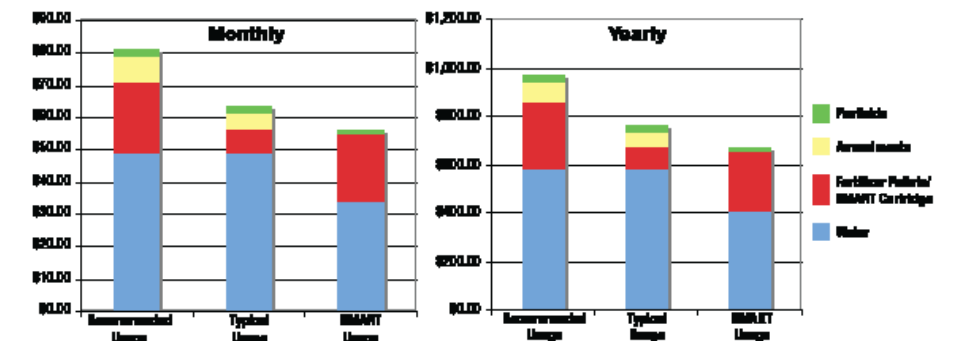
This unsurpassed liquid product is blend of Humic Acid and Norwegian Sea Kelp Extract. This all natural, all purpose, and highly concentrated liquid is ideal for use on all soils and plants under all conditions. Norwegian Sea Kelp adds Plant growth regulators to promote plant cell division and rapid plant growth.

### (2) Shrub/Flowers - Harmony (6.2.6) Liquid Humate with fertilizer blend

A complete liquid fertilizer specially formulated for trees & shrubs for controlled, healthy growth. It improves the soil as it feeds the trees.

### (3) Lawn - Harmony Plus (18.3.4) with humic acid

Premium quality plant nutrients are combined with humic acid for a complete liquid fertilizer made specifically for turf applications. It contains 3 forms of nitrogen, and 3 forms of phosphate to meet a full range of nutrient needs throughout the growing season.



An average homeowner spends 68% of their total water bill to maintain the landscape. More efficient watering, fertilizing, and soil amending techniques can result in overall lower maintenance costs and reduce the harmful effects of runoff.