ARE WE "GREEN"?

Today the term ***green*** has tremendous implications and companies are spending millions to promote the fact that they are ***green***.

It is not enough to just say we are ***green***; we want you to know how and why we consider our company to be a truly ***green*** company.

The late Charles Walters of Acre U.S.A. wrote one of the best books ever, **"*GRASS THE FORGIVENESS OF NATURE*"**. We encourage you to read this book as it will give you an entirely different perspective on a simple blade of grass. Additionally distributors of ProTea products have an understanding this "***forgiveness of nature***" and commit to being a contributor.

Over use of commercial synthetic fertilizers and pesticides are legitimate environmental concerns and in fact need to be addressed. Since there are some synthetically produced nutritional compounds in our product line we must reconcile the facts that support the supposition that we are a truly ***green*** company.

We present here the facts that will help you to better understand our position. Soil and Plant (Foliar) products are presented separately to address the big ***green*** picture.

SOIL PRODUCTS:

In order to better understand the situation and to know how our products contribute to a greener world, you should first understand some indisputable facts that have been verified by experts with impeccable credentials.

Over application of commercial synthetic fertilizers for years has actually created more problems than they have solved. For example there is an imbalance that is created "tie up" which necessitates even greater levels of application; there is a depletion of critical soil microbial population, and eventually there is contamination of ground water and streams.

Commercial synthetic fertilizers are applied to the soil surface, as they will be on turf grasses as well, and are subject to run off. This run-off not only contaminates water sources, it is also unavailable for the plants/turf.

Commercial synthetic fertilizers cause a depletion of critical soil microbial population. Soil microorganisms are the backbone of plant nutrition and it has been scientifically demonstrated that the microorganism populations in soils such as greens, tees, and athletic playing fields are seriously compromised.

University research has proven that fully 85% of the synthetic nitrogen applied to greens and tees was lost to ground water or runoff.

There are many more examples but for now suffice it to say that we have a much ***greener*** approach which allows the turf manager to use less soil applied fertilizer and through the use of our products he will make that smaller amount more effective.

We accomplish this much ***greener*** approach with following:

1) Soil Penetrants, enable water to penetrate difficult soils taking with it nutrients and air. In turn this takes the majority of the soil applied fertilizers off the surface, puts it in the plant root zone, and decreases immediate run off. Thereby efficiently maximizing the use of water.
2) Soil Water Retention agents; hold water in the root zones of sand greens making the plants better performers and reduces the precious water requirements.
3) Organic Matters; humic and fulvic acids are used as a soil supplement and are fully organic in composition. Some believe them to be ***the marvel of the natural world***. The value of regular additions of organic matter to the soil has been recognized by growers since prehistoric times. At the present time soil scientists recognize that humus influences soil fertility through its effect on the water-holding capacity of the soil. Humic and fulvic acids also help achieve the following in the soil:
    a. They improve soil tilth
    b. Synergist soil microbial populations
    c. Make soil applied nutrients more plant available
    d. Hold waster in root zone
    e. Act as biochemical stimulators of plants
    f. Act as buffers against harmful soil salts
    g. Absolutely non-toxic to man, fish, plants, or wildlife

4) Soil Inoculants; colonize the soil with beneficial microorganisms which are the anchor of all plant nutrition. (We also have an Amino Acid based "plasma like" product that is a companion product and synchronizes the organisms.
5) Soil Nutrient Converters; this proprietary chemistry converts critical soil nutrients to usable form while enabling the user to flush harmful salts out of the root zone. In many areas this is absolutely essential.

NOW, WE ARE GETTING MORE GREEN?

FOLIAR PRODUCTS:
Michigan State University research has shown that one pound of foliar applied nutrient has more biological effect than nine pounds of the same nutrient applied to proprietary biostimulants. We can raise that efficiency to greater than 25X. The implications here are readily apparent.

With foliar products we accomplish our ***greener*** approach with the following:

1) Foliar products bypass the limitations imposed by the soil making your applications rapidly absorbed into the plant with no runoff and no harm to the environment.
2) Foliar products are rapidly utilized by plants with no delays and with rapid correction of deficiencies
3) The natural biostimulants compounds and carbon synergists used in the products make plants perform to their maximum genetic potential without the necessity of excessive inputs.
4) The form of the nutrient content of a product makes a world of difference. One of the ingredients in your Coke is Phosphoric Acid. You would not want this to be the same quality Phosphoric Acid that used in soil fertilizers. Absolutely not and that is key to the success of our foliar products as well.
    a) Our ingredients are food grade and in some cases pharmaceutical grade.
    b) Our ingredients are safe and effective.
    c) Our ingredients cause no environmental concerns.
    d) Our ingredients are highly plant effective even at low rates of application.

NOW WE ARE IN ACTUALITY VERY GREEN!!!!