

# The #1 Lawn Guy, LLC Fertilizing Program Authorized Firebelly Dealer and Applicator

## 6 Step Program towards a healthy, chemical-free lawn

### Round 1 Spring (April)

#### **Step 1**

*Bio-stimulant*

**Contains:** kelp, amino acids, vitamins, alginates & micronutrients.

#### **What this step does:**

- Increase root mass and development, promotes rapid establishments and accelerates nutrient and water absorption.
- Provides plant with increased tolerance to environmental extremes.
- Enhances plant growth and development, stimulates cell division.
- Accelerates seed germination and increases percentage germinated.
- Stimulates chlorophyll production, enhances and intensifies coloration.
- Facilitates nutrient absorption and allows for efficient nutrient translocation within plant tissue, contains vitamins and amino acids critical for plant growth and metabolism.
- Provides essential micro-nutrients necessary for the production of catalytic enzymes which control all metabolic functions. The micro-nutrients contained in Eco-Grow are chelated making them readily available to plants.

#### **Step 2**

*Biologically Diverse Microbial System*

**Contains:** 60 strains of beneficial soil microorganisms, and microbial nutrients to promote growth and proliferation of beneficial species in rhizosphere.

#### **What this step does:**

- Creates the ideal soil environment to promote healthy growth.
- Provides increased resistance to environmental stress (heat, cold, drought).
- Minimizes nutrient leaching.
- Aids in nutrient cycling.
- Facilitates nutrient absorption.
- Improves soil structure.
- Solubilizes nutrients and minerals (including phosphorous) for plant availability.
- Promotes nitrogen fixation.
- Enhances seed germination and viability of emerging seedling.
- Stimulates root growth and formation.
- Increases the photosynthetic capacity of the plant.
- Naturally accelerates cell division.
- Increases oil buffering properties and stimulates production of plant essential enzymes.

## Round 2 Mid/Late Spring (May/June)

### **Step 1**

*Bio-stimulant*

**Contains:** kelp, amino acids, vitamins, alginates & micronutrients.

#### **What this step does:**

- Increase root mass and development, promotes rapid establishments and accelerates nutrient and water absorption.
- Provides plant with increased tolerance to environmental extremes.
- Enhances plant growth and development, stimulates cell division.
- Accelerates seed germination and increases percentage germinated.
- Stimulates chlorophyll production, enhances and intensifies coloration.
- Facilitates nutrient absorption and allows for efficient nutrient translocation within plant tissue, contains vitamins and amino acids critical for plant growth and metabolism.
- Provides essential micro-nutrients necessary for the production of catalytic enzymes which control all metabolic functions. The micro-nutrients contained in Eco-Grow are chelated making them readily available to plants.

### **Step 2**

*Biologically Enhanced Liquid Fertilizer*

**Contains:** a blend of protein hydrolysates, kelp, molasses, humic acid and 39 strains of beneficial soil microorganisms.

What this step does:

- Protein hydrolysates (amino acids) are low molecular weight molecules, which are rapidly & efficiently absorbed by grass plant. Ideal for satiating the short term N requirements of turf.
- The microbial species will convert soil elements and nutrients (including phosphorous) into plant available forms, promote nutrient cycling, fix nitrogen, improve soil structure, provide increased resistance to environmental extremes, reduce the incidence of nutrient leaching and enhance plant growth.

## Round 3 Early/Mid Summer (July)

### **Step 1**

*Bio-stimulant*

**Contains:** kelp, amino acids, vitamins, alginates & micronutrients.

#### **What this step does:**

- Increase root mass and development, promotes rapid establishments and accelerates nutrient and water absorption.
- Provides plant with increased tolerance to environmental extremes.
- Enhances plant growth and development, stimulates cell division.
- Accelerates seed germination and increases percentage germinated.
- Stimulates chlorophyll production, enhances and intensifies coloration.
- Facilitates nutrient absorption and allows for efficient nutrient translocation within plant tissue, contains vitamins and amino acids critical for plant growth and metabolism.
- Provides essential micro-nutrients necessary for the production of catalytic enzymes which

control all metabolic functions. The micro-nutrients contained in Eco-Grow are chelated making them readily available to plants.

## **Step 2**

*Biologically Diverse Microbial System and Plant Nutrients*

**Contains:** 60 strains of beneficial soil microorganisms, and potassium, water soluble iron, sulfur, manganese & microbial nutrients.

What this step does:

- Potassium enhances turf vigor, iron & manganese provide the greening effect...ideal for summer stress/dormancy period.
- Microbial component provides the following benefits:
  1. Creates the ideal soil environment to promote healthy growth.
  2. Provides increase resistance to environmental stress (heat, cold, drought, disease).
  3. Minimizes nutrient leaching.
  4. Aids in nutrient cycling.
  5. Facilitates nutrient absorption.
  6. Improves soil structure.
  7. Solubilizes nutrients and minerals (including phosphorous) for plant availability.
  8. Promotes nitrogen fixation.
  9. Enhances seed germination and viability of emerging seedling.
  10. Stimulates root growth and formation.
  11. Increase the photosynthetic capacity of the plant.
  12. Naturally accelerates cell division.
  13. Increases soil buffering properties and stimulates production of plant essential enzymes.

## **Round 4 Mid/Late Summer (August/September)**

### **Step 1**

*Biologically Enhanced Liquid Fertilizer*

**Contains:** Blend of protein hydrolysates, kelp, molasses, humic acid and 39 strains of beneficial soil microorganisms.

**What this step does:**

- Protein hydrolysates (amino acids) are low molecular weight molecules, which are rapidly & efficiently absorbed by grass plant. Ideal for satiating the short term N requirements of turf.
- The microbial species will convert soil elements and nutrients (including phosphorous) into plant available forms, promote nutrient cycling, fix nitrogen, improve soil structure, provide increased resistance to environmental extremes, reduce the incidence of nutrient leaching and enhance plant growth.

### **Step 2**

*Biologically Diverse Microbial System and Plant Nutrients*

**Contains:** 60 strains of beneficial soil microorganisms, and potassium, water soluble iron, sulfur, manganese & microbial nutrients.

What this step does:

- Potassium enhances turf vigor, iron & manganese provide the greening effect...ideal for summer stress/dormancy period.

- Microbial component provides the following benefits:

1. Creates the ideal soil environment to promote healthy growth.
2. Provides increase resistance to environmental stress (heat, cold, drought, disease).
3. Minimizes nutrient leaching.
4. Aids in nutrient cycling.
5. Facilitates nutrient absorption.
6. Improves soil structure.
7. Solubilizes nutrients and minerals (including phosphorous) for plant availability.
8. Promotes nitrogen fixation.
9. Enhances seed germination and viability of emerging seedling.
10. Stimulates root growth and formation.
11. Increase the photosynthetic capacity of the plant.
12. Naturally accelerates cell division.
13. Increases soil buffering properties and stimulates production of plant essential enzymes.

## Round 5 Fall (October)

*Biologically Enhanced Liquid Fertilizer*

**Contains:** Blend of protein hydrolysates, kelp, molasses, humic acid and 39 strains of beneficial soil microorganisms.

### **What this step does:**

- Protein hydrolysates (amino acids) are low molecular weight molecules, which are rapidly & efficiently absorbed by grass plant. Ideal for satiating the short term N requirements of turf (rapid response).
- The microbial species will convert soil elements and nutrients (including phosphorous) into plant available forms, promote nutrient cycling, fix nitrogen, improve soil structure, provide increased resistance to environmental extremes, reduce the incidence of nutrient leaching and enhance plant growth.

## Round 6 Late Fall (November)

### **Winter Protection**

*Soil Conditioner and Nitrogen Source*

**Contains:** Humic Acid & Protein Hydrolysates

### **What this step does:**

- Buffers soil so as to resist pH fluctuations
- Builds organic matter in the soil profile
- Enhances root growth & formation
- Promotes nutrient solubilization
- Facilitates nutrient absorption, provides grass with N reserve for winter months.

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