



Grass-Zyme

A Naturally Fermented Organic Multiple Enzyme Product

Grass-Zyme serves as the catalyst for increased bacterial activity which digests the fertilizer and minerals in the soil and delivers them to the roots in a form so that they can be assimilated.

Grass-Zyme improves water penetration and increases moisture retention. Develops and maintains micro-organism habitat, decreases plant stress during hot dry periods, increases availability of nutrients to plants.

BENEFITS OF GRASS-ZYME

IMPROVES PENETRATION AND WATER RETENTION

Grass-Zyme reduces the surface tension of the water and allows it to penetrate more rapidly. As water penetrates, it brings more oxygen into the soil. there is less run off and deeper water does not evaporate as rapidly as surface water.

AERATES THE SOIL The oxygen flocculates the soil (soil actually weighs less per cubic centimeter).

IMPROVES ROOT GROWTH The above benefits create an environment that causes deeper, healthier roots.

INCREASES MICRO-ORGANISMS IN SOIL The extra oxygen helps support the increased mirco-organisms.

NEUTRALIZES THE SOIL The deeper penetration leaches many salts from the root zone and the increased micro-organisms helps to diges other salts.

INCREASES CROP/GRASS YIELD AND IMPROVES UNIFORMITY Healthy soil develops healthy crops / grasses which in turn produces a better plant / grass yield.

Grass-Zyme

Enhances plant growth and crop yields in many different environments.

Serves as the catalyst for increasing soil bacterial activity and micro-organism growth to digest fertilizers and minerals in the soil, making them readily available to the roots for assimilation.

Augments and can be used with fertilizer.



Natural Ginesis

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Natural Ginesis

Making Life Easier... Naturally!



Grass-Zyme

Generally Regarded As a Safe Solution with the Power of Enzymes

A NATURALLY FERMENTED ORGANIC MULTIPLE ENZYME PRODUCT FOR

- Golf Courses
- Athletic Fields
- Resort Grounds
- Home Lawns
- Sod Fields

NATURE'S ANSWER FOR STRONG HEALTHY GRASSES AND PLANTS

- Drought Resistant
- Environmentally Safe
- Fertilizer/Chemical Replacement/Reduction
- Reduces Water Usage
- Improved Root Growth
- Increased Water Penetration
- Economical Concentrated Blend
- Digest Grass Clippings

How Grass•Zyme Works

One gallon of Grass•Zyme concentrate is used to completely condition approximately one acre of soil. It should be metered into the irrigation water so as to get even distribution over the treated land.

Example: If Grass•Zyme spray is applied, dilute with 200 to 300 gallons of water per gallon of Grass•Zyme and follow with normal irrigation. Repeat this process once per season (annually). The Grass•Zyme mixture should be applied with the first irrigation for each season.

Golf Course Study: In a golf course study, the soil treated increased root growth by 600% in a six-month period!

Alfalfa Study: In a study on alfalfa, the yield was increased by 16% and dollar value of the crop by 35%.

BENEFITS

- Environmentally Safe
- Biodegradable
- Improves water penetration and retention in the soil
- Improves root growth
- Assists in neutralization of the soil
- Uses little fertilizer and water in soil and penetrates and loosens impermeable clay soils to eliminate brown spots
- Easy to apply in water sprayers or irrigation systems

APPLICATIONS

- Golf course soil conditioner
- Landscapers
- Turf farm soil conditioner
- Athletic fields
- Lawn and garden soil conditioner

Grass•Zyme

APPLICATION RATE

Grass•Zyme has been prepared in a high strength concentrate. Product can be added to regular irrigation water or it can be spray applied. When sprayed on the soil there should be an immediate application of normal irrigation water. Determine the acreage to be treated and the period of time required for irrigation. Meter Grass•Zyme into the irrigation water equally over the watering period.

Apply Gras•Zyme directly into irrigation water.

The amount of irrigation does not matter. Grass•Zyme needs to be applied equally to the irrigation water throughout the irrigation period, so it reaches all soil being irrigated.

FREQUENCY

Depending upon soil conditions, Grass•Zyme may be applied two (2) times per year. In the case of heavy, less permeable clay type soils, additional and/or higher applications may be helpful.

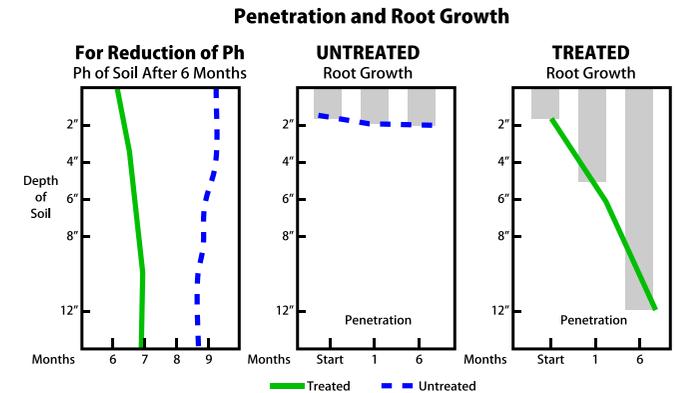
GROUND SPRAYING RIGS

Apply with tractor drawn spray rig. Dilute Grass•Zyme with water so it can be evenly sprayed over the desired area.

SPRINKLER SYSTEM

Determine area of soil being irrigated and time sprinklers will be running. Use a high pressure metering pump to inject Grass•Zyme into the sprinkler supply water.

USE OF GRASS•ZYME ON A GOLF COURSE



CHARACTERISTICS

- Grass•Zyme is a highly concentrated product formulated to contain an enzyme base with dispersant in a water base.
- Nontoxic, Non-Hazardous and Non-Flammable.
- Shelf Life: 2 years – Store below 110F (43c). Freezing is not harmful.
- Ph 4.0 (weak organic, acid).
- Boiling point, vapor pressure and evaporation same as water.
- May be used with most insecticide without harm.
- Grass•Zyme may alter certain organic compounds: i.e. hydrogen Sulfides.

HANDLING

- Use normal hygienic practice when handling. If contact with eyes, flush with water.
- Disposal – wash spilled material down with water. Can be washed into sewer system or absorbed by earth.
- Shipped in 5 gallon and 55 gallon plastic containers.
- (5 gal. drum – 48 lbs. / 55 gal. drum – 540 lbs.)