

Increases-

- Stress Tolerance
- Resistance to Disease
- Drought Tolerance
- Root Mass and Length
- Plant Photosynthetic Capacity
- Chlorophyll Content
- Cell Wall Strength



*Four times stronger
than our
closest competition*

*Compatible with other
fertilizers and chemicals*

Distributed by

Davisson Golf, Inc
800-613-6888



Manufactured by

Atlantic Laboratories

41 Cross Street, Waldoboro, Maine 04572

207-832-5376

Nitrozyme™



**The Plant Stress
Reliever
for Non-Food
Crops**

Nitrozyme Liquid Plant Stress Reliever

is a concentrated extract made from the seaplant *Ascophyllum nodosum*, which is harvested from coastal Maine waters. Extensive research with these extracts has determined that the growth hormone, cytokinin, coupled with the seaweed's diverse micronutrients, enhance turf growth, development, and durability.

Nitrozyme is formulated for commercial agriculture to provide the highest concentration (400 ppm) of natural cytokinin found on the market today.

What are Cytokinins?

Cytokinins are a class of plant growth substances (plant hormones) that promote cell division.

Cytokinins are involved in many plant processes including cell division, chloroplast maturation, cell enlargement, auxiliary bud release, and senescence.

Benefits of Nitrozyme

- Highest quality natural biostimulants
- Stimulates growth, strength, and mass of the root system – More and bigger roots
- Improves the microbial activity of the soil
- Reduces thatch buildup
- Delays premature senescence even in acute stress situations
- Improves and strengthens tolerance in stress situations
- Seaweed cytokinins play a role in the chelation of metals making soluble complexes more available and increasing plant uptake of nutrients
- Proprietary processing methods preserve the biological and chemical integrity of the plant nutrients
- Cytokinin concentration in seaweed extracts is high (400 ppm in Nitrozyme) and has been shown to reduce plant aging, thus enhancing plant growth

Application Rate:

Use 1 to 1½ gallons of Nitrozyme per acre, per season (3 to 4½ ounces per 1000 square feet per season or 1 ounce per 1000 square feet each month throughout the season).

1st application of Nitrozyme: at initial stages of growth

For stress relief:

Any time turf is prematurely dying down (loss of color) due to stress caused by one of the following conditions: weather (frost, drought, excessive moisture), insect infestation, fungus attack and/or herbicide burn, spray 1 pint Nitrozyme per acre.

Nitrozyme is EPA approved

