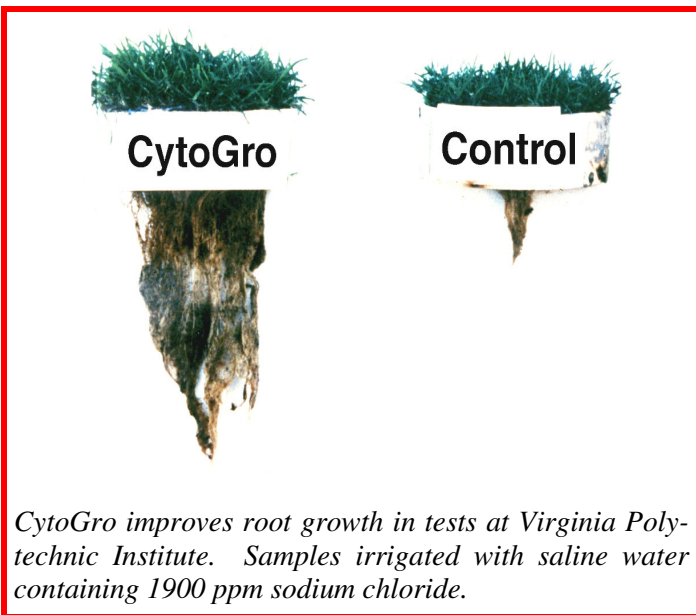




HORMONE BIOSTIMULANT

MORE ROOTS...LESS MONEY

Why pay more for less? **CytoGro** offers more root building power per dollar than any other biostimulant on the market. **CytoGro** is packed with a blend of



CytoGro improves root growth in tests at Virginia Polytechnic Institute. Samples irrigated with saline water containing 1900 ppm sodium chloride.

cytokinins, auxins, and natural synergists that increase root mass by stimulating new root growth, not just by fattening and elongating existing roots (an important distinction).

EPA Registered # 58199-3



CytoGro is an EPA registered hormone biostimulant. EPA registration assures you that every jug of **CytoGro** contains the same amount of active ingredient. **Every batch** of **CytoGro** contains a **guaranteed 50 ppm cytokinin**, ensuring consistent application results.

Superior Stress Tolerance

Drought, disease, insect damage, and extreme temperatures can all take a toll on the health of your turf. **CytoGro** is designed to help you get through these difficult times. As part of a regular turf maintenance program, **CytoGro** will increase your turf's strength and resilience against all types of stress.



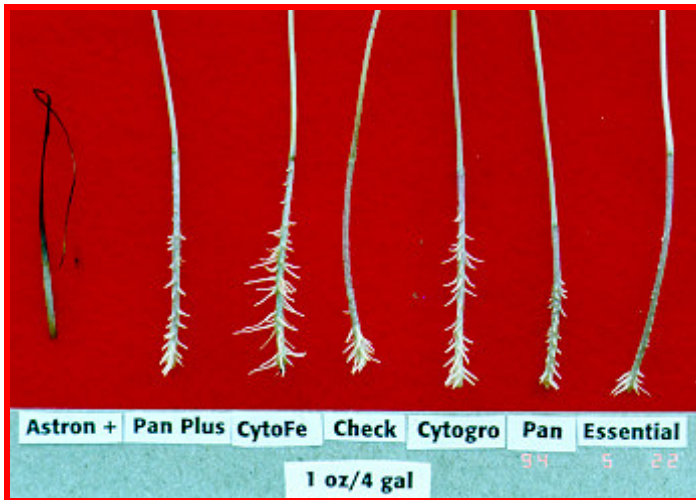
CytoGro® plus iron helps prevent frost damage in tests at Virginia Polytechnic Institute

Compatible with Growth Regulators

CytoGro is formulated to contain extremely low levels of gibberellic acid. At warmer temperatures, gibberellic acid consumes the turf's valuable carbohydrates to promote unwanted top growth at the expense of needed root development. The extremely low levels of gibberellic acid in **CytoGro** ensure that the turf's energy is directed where it is needed most—maintaining and building root mass and disease tolerant leaf tissue. By doing so, **CytoGro** fights root shrinkage on greens and tees, increases insect and disease resistance, and also makes an excellent complimentary addition to plant growth regulator programs. These features make **CytoGro compatible with modern gibberellic acid blocking growth regulators.**

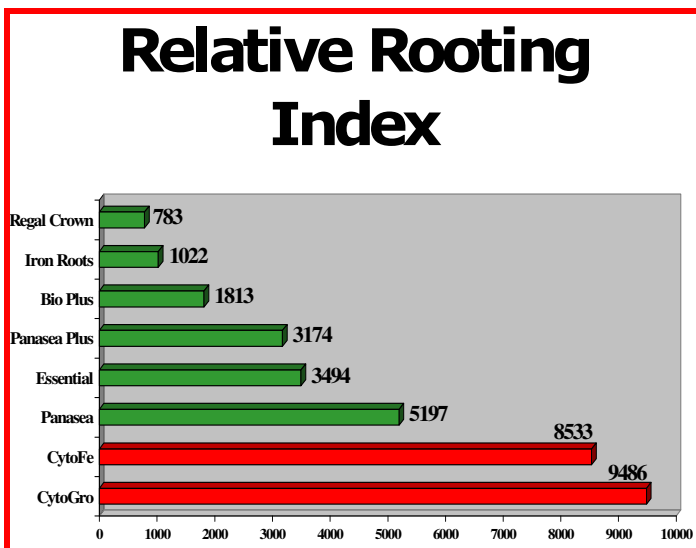
Consistant Hormone Levels

CytoGro processing is designed to assure consistant levels of cytokinins and auxins for optimal performance on all turf. The cytokinin and auxin content in other products varies from batch to batch. Inconsistent hormone levels produce *inconsistent* and often *poor performance*.



Quality Control

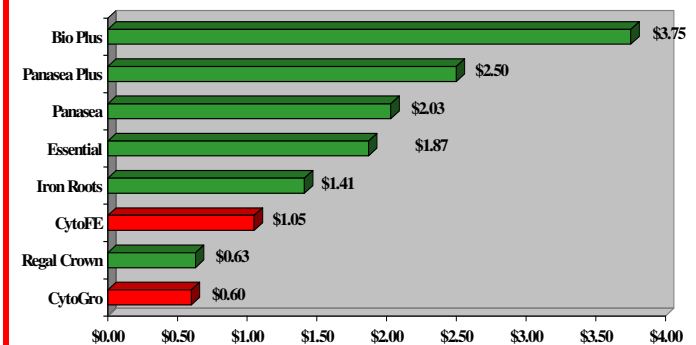
CytoGro outperforms the top biostimulants on the market in both lab and field trials. The Mung Bean Bioassay/Relative Rooting Index Test was developed by the USDA, and is accepted by the EPA as a quantitative test method for measuring hormone content. Scientific studies indicate that this assay technique accurately detects rooting activity that has broad turfgrass application. Every batch of CytoGro is tested using this method to assure product efficacy and consistency. The following chart compares the bioassays of nine commonly available biostimulants.



Additional Benefits

- **Improves Salinity Tolerance** - CytoGro enhances calcium uptake that improves salt tolerance
- **Retards Turf Senescence** - CytoGro reduces chlorophyll bleaching and maintains protein synthesis to delay cellular deterioration
- **Increased Fertilizer Efficiency** - CytoGro aids the uptake of metal nutrients and micronutrients by creating soluble complexes.
- **100% Organic** - CytoGro is derived from seaweed and contains various hormones, amino acids, carbohydrates, sea minerals, and nutrients.
- **Effective on all plants** - CytoGro is effective on ornamentals, trees, vegetables, and other plants.
- **Easy on the Budget**

Use Cost per 1000 s.f.



Application

CytoGro is best applied as a foliar spray in the late afternoon or early morning, with leaves being allowed to dry. It can also be applied as a soil drench or through drip irrigation. The initial CytoGro application can be made at any time. The last month's maintenance dose should be doubled for protection through the winter. Dose as follows:

Initial: 0.8 fl. oz. per 1,000 sq. ft. (2 pints per acre)
Monthly: 0.4 fl. oz. per 1,000 sq. ft. (1 pint per acre)

For More Information

For more information on CytoGro or to find your nearest distributor call:

Spindler Enterprises, Inc.
800-988-8257

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