



# TOURNAMENT PREP

## How to get your turf looking and playing its best for the demands that go with tournament play

*It doesn't matter if you're hosting the US Open or just a one-day member-member. The expectations for quality will be incredibly high.*

### GREENS



Your goal is to have fantastic color, speed, and roll. To accomplish that, control the growth with Emerald Isle True Foliar® nutrition products that keep the turf healthy even at low mowing heights.

*Apply the following 2-7 days before the tournament.*

PRODUCT	APP RATE	FEATURES AND BENEFITS
CPR®	2 gal/A	Color, stress tolerance, turf health
Si 3-0-10	1 gal/A	Quality of cut, ball mark recovery
MgMn 6-0-0	1 gal/A	Fantastic color

### FAIRWAYS



You want superior color on your fairways too, with just enough growth to stand up to several days of play. This program provides .17 lb of N per 1,000 ft² plus seaplant extract and fulvic acid, all for less than \$50/acre.

*Apply the following with a PGR 2-7 days before the tournament.*

PRODUCT	APP RATE	FEATURES AND BENEFITS
Fairway 30-0-0	2 gal/A	Wear tolerance, great color
Fwy SeaSequential	1 gal/A	3 weeks of color, turf health

*See your Milliken Emerald Isle Representative to determine the best complete True Foliar® Nutrition program for you. Ask for your copy of Keeping it Green 2005.*



**CPR®:** No other product on the market provides both the benefit of great turf color and root growth potential. The quantity of high quality seaplant extract in CPR® provides cytokinins for cell division and stress tolerance even at low mowing heights. CPR®'s chelated micronutrient package provides great color, without surges of growth.

**Magnesium (Mg):** Magnesium is used to help regulate the uptake of other plant nutrients, is a carrier of phosphorus within the plant, assists in protein production, aids in phosphate metabolism, and is essential for chlorophyll production.

**Magnesium is the cornerstone of the chlorophyll molecule. Without this essential nutrient, the formation of the chlorophyll molecule cannot occur.**

The availability of magnesium to the plant is directly influenced by other plant nutrients. High levels of soil potassium can interfere with the uptake of magnesium. Elevated levels of ammonium can also affect the uptake of magnesium; this typically occurs with high application rates of ammonium fertilizer to soils already low in magnesium.

**Manganese (Mn):** The availability of manganese to the plant is affected by several different factors, which include:

- Soil pH - as soil pH increases available manganese decreases, optimum pH range is 5.0 to 6.5
- Organic Matter - high organic matter in the soil will decrease the availability of manganese
- Other plant nutrient concentrations - nitrogen fertilizers that have an acidifying affect can enhance the uptake of manganese

**Manganese increases the availability of calcium, magnesium, and phosphorus, aids in photosynthesis and in the synthesis of chlorophyll.**

**Silica (Si):** While Si has not been proven to be *essential* for turf, it has been demonstrated that Si is beneficial in a number of important ways:

- Increases photosynthetic capacity and chlorophyll content
- Increases disease resistance
- Stimulates anti-oxidant activity
- Improves wear tolerance
- Increases turgidity and structural rigidity for ball mark recovery and better quality of cut