

Made for Turf That  
Needs to be GREEN

## DARK GREEN

### CHELATED TURF IRON

#### GENERAL INFORMATION:

**DARK GREEN** is designed for soil and/or foliar application, to prevent and correct pre-existing Iron deficiencies as indicated by plant leaf and soil testing. The ingredients in **DARK GREEN** are 100% water soluble and chelated. It is immediately available to the plant (via Foliar application) therefore making this product extremely efficient for the plant to pick up in situations where a rapid response is desired. Results are often evident one to two days after application.

Why include **DARK GREEN** in your program to obtain a greener lawn? **DARK GREEN** longer

Research has shown the plants can assimilate Micro nutrients better via foliar application than if the Micro nutrients were applied to the soil. The response is quicker and seems to be more effective. Even if you have micro Nutrients added in your granular NPK mix, you will not be getting the maximum benefits from them and essentially wasting money.

Why should soils be deficient in IRON? There may be plenty of IRON in the soil and may show high on the soil analysis. But it is not always available for the plant to pick up, because of a soil balance problem.

*EXAMPLE In high pH (alkaline) soils, Some Micro Nutrients are less likely to become available for the roots to pick up, than in lower pH (acid) soils and vice versa in lower pH soils.*

Also IRON alone cannot be absorbed as a simple free flowing ion. IRON is more readily absorbed in the chelated form.

It would be recommended when applying in the soil to add our DEEP ROOT concentrate to help buffer irregular soil pH, so the IRON work faster and be last longer.

We use SUGAR BASED chelating compounds to make our IRONG more Effective and Last Longer. **DARK GREEN** contains no EDTA chelates. The advantage of using SUGAR (organic) chelates over EDTA chelates are:

- \*EDTA chelate will pick up or lock other elements in the soil causing them to be unavailable to the soil.*
- \*EDTA chelates are synthetic and contains no nutrient value and is not recognized as Organic.*
- \*Organic chelates provides the plants with a sugar source after it has finished it's job making the micro nutrient more available.*
- \*Organic chelates do a better job as a chelate compared to synthetic chelates.*
- \*Organic Chelates will allow the nutrient to last longer.*

**When adding to other products a jar compatibility test is always recommended.**  
**NEVER MIX CONCENTRATES TOGETHER. ALWAYS PLACE WATER IN TANK FIRST THEN ADD CONCENTRATES, WHILE MIXING.**  
**IRON WILL STAIN.**

*Available in 2.5 gallon, 5 gallon, 55 gallon containers and 275 mini bulks.*