

## **Protect Your Plants From Iron Deficiency**



As one of many micro nutrients, the importance of Iron as a key input is often understated and overlooked. Plants utilize iron to aid in chlorophyll production, as well as regulate reactions to enzymes.

**4% Iron** was formulated to address the specific requirements of cannabis plants, with chelated Iron as well as just a small amount of Potassium to facilitate enzyme reactions.

The result is enhanced plant health and growth, allowing the plant to focus increased energy on the reproductive stages that produce larger and more valued buds.

#### **Enhances Color & Promotes Growth**

Without sufficient Iron nutrition, your cannabis plants will lack the capacity for proper enzyme functions, or the chlorophyll for efficient enzyme synthesis. Whether the iron deficiency is caused by improper pH balance in the water, or simply a lack of proper nutrition balance, 4% Iron is an effective solution.

#### **Maintaining optimum microbial activity**

Carbon chelation in 4% Iron protects the Iron ion from chemical bonds with other nutrients in the soil and hydroponic solution, particularly Phosphorus. This means higher nutrient availability at lower inputs. Plus, the carbon chelates provide additional "food" for the plant in the form of Humic and Amino Acids, which aid in overall plant growth.



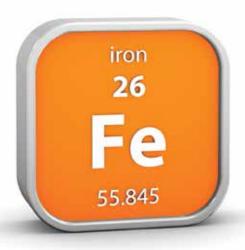
# **Superior Nutrition Will Yield Maximum Results**

### A "Micro" Nutrient With Major Importance...

Iron deficiencies become quickly apparent with yellowing of leaves, often with new leaves appearing "bleached." Iron deficiency can frequently be mistaken for Magnesium deficiency, however low Iron will impact even new growth, and more often toward the top of the plant at the early stages.

Signs that your cannabis has an Iron deficiency include: yellowing of new and upper leaves, yellow leaves with green veins, leaf tips dying, insufficient bud development, and overall plant growth that is not "straight," but more twisted.

Adding 4% *Iron* to your cannabis fertilizer plan will help you protect your plants' growth – and your investment.





The development of 4% Iron incorporates Food Grade Standards, ensuring an approach to plant nutrition and a final product that is free of manufactured toxins. With natural ingredients, along with high efficiency nutrients, you are assured of effective and sustainable cannabis plant nutrition.

An experienced staff of Agronomists, chemists and soil scientists make our team unique, with years of real world experience in plant and soil science. Our expertise provides you with a competitive edge to succeed in the complex and challenging cannabis marketplace.

