



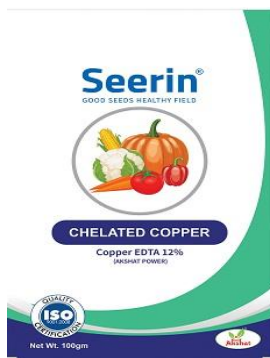
## Chelated Single Micro Elements

Seerin®  
GOOD SEEDS HEALTHY FIELD

Complete range of Akshat Fertilizers' best Imported Chelated Products



Ca EDTA 12%



Cu EDTA 12%



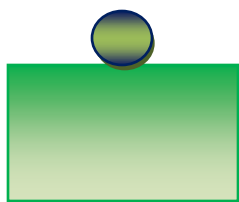
Mn EDTA 12%



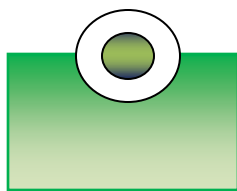
Fe EDTA 12%



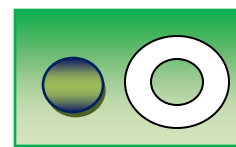
Zn EDTA 12%



Inorganic nutrient can not easily penetrate waxy leaf



chelated nutrient penetrate into a leaf



Chelated releases nutrients

The organic coating around the chelated nutrient allows it to penetrate through the wax into the leaf. Once in the leaf, the chelate releases the nutrient so that it can be used by the plant.



## CHELATED IRON

Iron-EDTA 12%  
(AKSHAT POWER)

Seerin®  
GOOD SEEDS HEALTHY FIELD

### Application Method and Doses

Iron (Fe) is one of the most important micro-nutrients required for plants, trees, and lawn. Although most soils have plenty of Iron (Fe), usually it's not available for plants and that's why Iron (Fe) deficiency is very common in plants and it is also known as chlorosis (yellowing of leaves). Some of Common Iron Chelate EDTA features:

- Great To Improve or Prevent Chlorosis (Yellowing of Leaves)
- Great For Foliage Usage (100% Water Soluble)
- Contains 12% Iron EDTA
- Suitable for Hydroponics and Soil Usage

Akshat Iron-EDTA is a microelement product for application on : - Vegetables, citrus, Fruits, trees, Oranamentals, cutflower, Hydroponic, Cereals, Leguminous crops, Vineyard, tropical crops, etc.

It is recommended to apply the product during development of the plant, in order to get a good distribution within the plant.



Crop	Soil application	Foliar application
Low deficiencies	1-2 Kg /ha	100-150 gm/100 ltr.
Medium deficiencies	2-4 Kg /ha	150-200 gm/100 ltr.
Strong deficiencies	3-6 Kg /ha	250-400 gm/100 ltr.

\*Total per cycle. Should be applied in fractions

\*\* Minimum use of water of 600ltr./ha in vegetables, 800-1.500ltr./in fruits trees.

These doses are guideline and may be modified by the consumer according to the crop development. For further information contact your local agronomist.

### Iron Deficiency Symtoms in Plants :



### Role of Iron- EDTA in plants :

When Fe-EDTA is used as an chelated source of Fe in a nutrient medium , after crossing the plasmalemmata of cortical cells of roots , migrating to symplasm into the cytoplasm , Fe-EDTA is subjected to metabolic breakdown , where a lot depends upon the pH and CO<sub>2</sub>

### Recommendations :

Akshat power Iron is foliar application fertilizers for the correction of Iron deficiency of the crop. Apply 250 Gm in 200 ltr. Of water for per acre spraying during rapid growth .