



PRODUCT INFO  
& DATASHEET

## **SICOCHEL® Fe 11% - DTPA** *High quality Iron Chelate*

### **1. PRODUCT DESCRIPTION**

SICOCHEL Fe 11% - DTPA is a high quality iron chelate for treating and preventing iron deficiency in many agricultural and horticultural crops. It is recommended for soil application.

### **2. INSTRUCTIONS FOR USE**

SICOCHEL Fe 11% - DTPA is most effective when crops have adequate supplies of major nutrients and water. The crop should not be under any stress for any reason, if the application is to be fully effective. Conditions that are responsible for one deficiency, can possibly induce deficiencies of other micronutrients. Always confirm a deficiency before treatment is carried out.

#### **Mixing with water:**

Add the powder to the water whilst agitation takes place, do not pre-mix. Continue to agitate to ensure complete dissolution.

#### **Compatibility:**

SICOCHEL Fe 11% - DTPA is compatible with other Sicochel chelates and many crop care chemicals and fully compatible with products containing soluble phosphates, such as foliar fertilisers and liquid feeds.

#### **Use for soil application:**

The most efficient way to add SICOCHEL Fe 11% - DTPA is to dissolve it in a convenient quantity of water, for example 10 grams/litre, then apply as low pressure spray. If the soil is compacted, the surface should be broken up before an application. Applications should always be incorporated into the top few centimetres as soon as possible after an application; this can be achieved by hoeing, harrowing or irrigation. For deep rooting shrubs and trees the solution of SICOCHEL Fe 11% - DTPA may be applied to the root zone by using a pressure injector.

#### **Use in irrigation systems:**

SICOCHEL Fe 11% - DTPA may also be applied through an irrigation system by adding the equivalent of 1.0 kg/hectare in 10,000 litres of water. Frequency of addition will depend on the level of chlorosis.

- Field crops: 0.5 - 3.0 kg/ha apply just before planting or sowing or when symptoms start to appear
- Top fruit / Nut trees: 15 - 65 grams/100 metres of row in a band or side application
- Soft fruit: 0.25 - 0.5 kg/100 plants
- Ornamental shrubs: 0.25 - 1.5 kg/100 plants

These rates are the lower and upper limits. Actual amounts will depend on the size of the crop and degree of deficiency or both.

#### **Hydroponics:**

1 ppm iron can be achieved by adding 15 grams of SICOCHEL Fe 11% - DTPA per 1,000 litres of solution. Where a stock tank is used, please proportion up by the appropriate dilution factor.