



PRODUCT INFO  
& DATASHEET

## **SICOGREEN<sup>®</sup>-L Liquid Fertilisers**

### **Product Group Characteristics**

*SICO's proven Foliar Fertilisers for supplementary N-P-K nutrition of all crops*

From the physical point of view, **SICOGREEN<sup>®</sup>-L Liquid Fertilisers** are true solutions of mineral salts and plant physiologically effective additives. In general, they are used as a supplementary foliar feed.

They can also be used for soil dressing and for the nutrient supply of hydroponics.

**SICOGREEN<sup>®</sup>-L Liquid Fertilisers** are grouped as follows:

- \* Balanced **N-P-K** formulation.
- \* Nitrogen pronounced **N-P-K** formulation.
- \* Phosphorus pronounced **N-P-K** formulation.
- \* Potassium pronounced **N-P-K** formulation.

**SICOGREEN<sup>®</sup>-L Liquid Fertilisers** are therefore suitable for agriculture and horticulture as a base dressing (applied to the soil or with the irrigation water) and as supplementary feed applied as foliar spray.

They can be easily applied with all foliar fertiliser application and irrigation systems, i.e. all irrigation systems, spraying and sprinkling equipment in high volume process as well as LV and ULV methods. In other words: all methods where the liquid fertiliser is applied in a strongly diluted form.

The long-standing success of **SICOGREEN<sup>®</sup>-L Liquid Fertilisers** throughout the world has made them a proven standard product for special fertilisation. In addition to their excellent handling properties, **SICOGREEN<sup>®</sup>-L Liquid Fertilisers** have special product features giving them the characteristic quality.

#### ***NPK and micronutrient contents meeting the requirements of the plants***

Whatever the particular macronutrient emphasis in the formulations, the overall ratio, i.e. the proportions of the individual nutrients, is balanced to suit the plant physiology. This also applies to the full complement of all micronutrients required for growth.

#### ***Selected raw materials of the purest quality warrant high crop safety and safe application of***

##### ***SICOGREEN<sup>®</sup>-L Liquid Fertilisers***

The optimum ratio of different nitrogen forms contributes to it: Nitrate, ammonium and urea, suited to the specific fields of application. Readily available phosphate and a low chloride and biuret content are further guarantors for a high-quality product made of top-grade raw materials.

#### ***Chelation makes micronutrients readily available both via the soil and the leaves***

The cationic micronutrients are fully chelated, thus protected from precipitation and fixation. The chelating agents promote micronutrient availability in the soil, but also facilitate absorption through the roots and the leaves. They even improve translocation in the plant.

#### ***Superchelation makes elements in the spray water more readily available to the plants as nutrients***

Chelating agents which are added to excess are present to reduce the hardness of the spray water combining with calcium, magnesium and iron and making them available to the plants. In addition, there is no risk of undesirable salt precipitation in the spray solution.

#### ***The buffering system of SICOGREEN<sup>®</sup>-L Liquid Fertilisers ensures the correct pH of the spray solution from the physiological point of view and maximizes the compatibility with pesticides***

This is important, particularly as regards satisfactory nutrient absorption by the leaf. The buffering system in all gives the spray solution an extensive neutral pH. This means that it can be generally applied without any problems in conjunction with most commonly used pesticides.

These quality characteristics are common to all **SICOGREEN<sup>®</sup>-L Liquid Fertilisers**.

The products described in detail on the following pages are our standard formulation program.

Formulation with other nutrient contents can be offered on request.