



PRODUCT INFO
& DATASHEET

SICOGREEN®-S Suspension Fertilisers

Product Group Characteristics

SICO's advanced formulation technology for highly efficient foliar nutrition

SICOGREEN®-S Suspension Fertilisers are very special foliar fertilizers based on an exceptional formulation know-how.

SICOGREEN®-S Suspension Fertilisers are the advanced technical development of liquid fertilizers in foliar nutrition.

Liquid fertilisers only contain nutrient amounts to the extent of the dissolving capacity of water, whereas in addition to this **SICOGREEN®-S Suspension Fertilisers**, are capable of stabilizing extra amounts of nutrients in a supersaturated solution. **SICOGREEN®-S Suspension Fertilisers** owe this ability to carefully selected and precisely dosed additives keeping the nutrient elements in stable suspension.

This is why **SICOGREEN®-S Suspension Fertilisers** have the following advantages:

- * **SICOGREEN®-S Suspension Fertilisers** offer a maximum of nutrients with a minimum of volume because of the higher total concentration. This economizes on transport and storage costs.
- * The nutrient ratio can be correctly suited to the physiological requirements of any crop. Particular emphasis on specific individual elements is possible within very wide limits.
- * The cationic micronutrients are fully chelated in all **SICOGREEN®-S Suspension Fertilisers** to improve absorption and translocation in the plant.
- * **SICOGREEN®-S Suspension Fertilisers** offer much greater flexibility in the use of physiologically advantageous forms of nutrients that are specific to a particular plant in view of the preferred absorption, rapid incorporation into the plant metabolism and above all the high crop safety even at high concentrations.
- * **SICOGREEN®-S Suspension Fertilisers** offer the possibility of adding materials which greatly improve nutrient absorption, hence the effectiveness of the foliar fertilizer. These additives enable:
 - even distribution of the spray solution on the leaf
 - optimum leaf adhesion - high crop safety
 - safe nutrient uptake, also under low humidity conditions
- * Stability at low temperatures is much greater than that of true solutions, so that the associated storage problems largely do not apply.

The wide range of formulation possibilities offered by **SICOGREEN®-S Suspension Fertilisers** result in well-balanced foliar fertilisers of which the individual components harmonize perfectly in respect of all plant physiological aspects. **SICOGREEN®-S Suspension Fertilisers** are thus superior by their optimal biological efficacy and high crop safety.

All these properties which specifically characterize **SICOGREEN®-S Suspension Fertilisers** are further supplemented by the following advantages:

- * Superchelation to make elements in the spray solution more readily available to the plants as nutrients.
- * Buffering system to ensure that the spray solution has the correct pH.
- * Easy to apply with all sprinkling and spraying equipment.
- * Compatible with most commonly used pesticides.
- * Simple volumetric dosage and application.
- * Extremely low biuret and chloride content.



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The various formulations of **SICOGREEN®-S Suspension Fertilisers** are specifically suited to the particular foliar fertilizer application:

SICOGREEN®-S Suspension Fertilisers for general foliar nutrition.

These are all-purpose formulations with a high macronutrient content and a balanced, complete supply of micronutrients. They are recommended for general foliar nutrition as a supplement to soil fertilization (= supplementary foliar feed), if stress is evident as a result of pesticide sprays, certain weather conditions or reduced soil fertilisation.

SICOGREEN®-S Suspension Fertilisers for crop-specific foliar nutrition.

These are all those suspensions that are suited to the specific requirements of a particular crop. They are suitable for equalizing foliar nutrition in the event of crop-specific and physiological nutritional disorders and take account of the specific requirements of the various crops or crop groups.

SICOGREEN®-S Suspension Fertilisers for soil-specific foliar nutrition.

These suspensions are recommended for a purposeful soil specific equalizing foliar fertiliser application wherever unbalanced soil conditions (e.g . too acid or too alkaline soils) cause a general micronutrient deficiency or certain soil types specific deficiencies.

The different formulations of **SICOGREEN®-S Suspension Fertilisers** are listed on the next pages.

Other formulations are available on request, so that **SICOGREEN®-S Suspension Fertilisers** can virtually satisfy each specific nutrient requirement in foliar nutrition.