



**PRODUCT INFO
& DATASHEET**

Liquid Fertiliser

SICOTHIO + 36K

High Sulphur and Potassium

Liquid fertiliser containing Potassium Thiosulphate (KTS), chloride free

Revised 29/11/2019

1. PRODUCT DESCRIPTION

SICOTHIO +36K is the liquid fertiliser containing potassium thiosulphate, **with the highest content in the world of potassium and sulphur in the form of a clear chlorine-free liquid solution.**

Because of its high content in thiosulphate, **SICOTHIO +36K** has a very high efficacy and performance. In soil, it can reduce the pH, improve the availability and assimilation of iron and manganese, regulate the availability of nitrogen modulating the release of the element and improve the efficiency of iron chelates improving their anti-chlorosis action. **SICOTHIO +36K** is used successfully in crops that need a large amount of potassium and are sensible to chlorides, to promote the ripening of fruits and the accumulation of nutrients (carbohydrates, fats) in the crop, to strengthen the tissues and to induce a brighter color in ornamental flowers. It also improves plant vigour during stress periods by helping plants regulate water use and transpiration. **Its absolute purity** makes it suitable for soil and foliar applications.

2. PRODUCT SPECIFICATIONS

<u>Composition :</u>	<u>% w/w</u>	<u>% w/v</u>	<u>Specification :</u>
Potassium Oxide (K ₂ O), water soluble	25	36.2	Density 1450 g/lit
Sulphur Trioxide (SO ₃), water soluble	42	61	pH 8 - 9
Sulphur (S), water soluble	16.8	24.3	<u>State :</u> liquid
Thiosulphate (S ₂ O ₃), water soluble	28	40.6	<u>Application :</u> foliar & drip irrigation

3. RECOMMENDATIONS FOR USE (as guidance only)

Doses are referred to each application

CROPS	APPLICATION RATE	NUMBER AND TIMING OF APPLICATIONS
Fruit trees, vine, citrus fruit, olive trees	* <u>Soil:</u> 45 – 70 kg/ha (30 – 50 lt/ha)	Repeated applications every 15 – 20 days during vegetative development in the first period of fruit swelling. Development and maturation of the fruit, final growth of flower crops
Leafy vegetables, strawberries	* <u>Fertigation under glass:</u> 2 - 5 lt/1000m ²	
Ornamentals, (shrubs & trees), nursery, lawns and turf	* <u>Fertigation open field:</u> 25 – 50 lt/ha	
Cereals and industrial crops	* <u>Foliar spraying:</u> - Surface: 4-6 lt/ha, dilute with 400-600 lt water (min. 200 lt water) - Concentration: 0.8-1.0 lt/100 lt water (do not exceed 3 lt/100 lt of water) - Concentration: 150-300 ml for a 14/16 lt knapsacksprayer	

4. WARNING

Do not use **SICOTHIO +36K** in solution with very acidic chemical fertilisers.

The product is stable between + 5° C. Store in a well-ventilated, cool, dry place, away from sources of heat/ignition. Protect from sunlight.

5. COMPATIBILITY

SICOTHIO +36K should not be blended and stored with other acidic products. The product is compatible with most pesticides and fertilisers. Before tank mixing or use, check compatibility with a small jar test.

SAP INTERNATIONAL CORPORATION bvba warrants that this product conforms to the chemical description on the label in the original packaging. The recommended dosages are for guidance only.

6. PACKING

20 lt can, 210 lt drum, 1000 lt IBC tank

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION