



**PRODUCT INFO
& DATASHEET**

SICOPHYTE-L liquid NPK 4.1-37.2-24.8 + CTE (w/v)
Concentrated Potassium Phosphite based liquid NPK
with chelated trace elements.
Stimulates crop performance and improves plant nutrient health!

1. INTRODUCTION

SICOPHYTE is a brand new liquid fertiliser, based on more efficient and readily available form of Phosphorus, known as Potassium Phosphite.

SICO Phosphite products increase the plant's vitality and resistance. Root growth is increased due to the special phosphorus composition. You can also expect a positive effect on shelf life and fruit colour. In general the plant's immune system will improve.

We offer liquid Potassium Phosphite 50% as well as NPK formulas within our SICO Phosphite range. Tailormade liquid NPK's adapted for your local requirements can be discussed.

2. PRODUCT SPECIFICATIONS

a) Description

Brand name : SICOPHYTE-L NPK 4.1-37.2-24.8 + CTE
 Appearance : green solution

b) Chemical composition

	<u>w/w</u>	<u>w/v</u>	<u>g/l</u>
Total Nitrogen	: 3.0% w/w	4.1% w/v	41 g/l
Urea Nitrogen (N-NH ₂)	: 3.0% w/w	4.1% w/v	41 g/l
Phosphorous Pentoxide (P ₂ O ₅)	: 27.0% w/w	37.2% w/v	372 g/l
Potassium Oxide (K ₂ O)	: 18.0% w/w	24.8% w/v	248 g/l
Copper (Cu), EDTA chelated	: 0.020% w/w	0.027% w/v	0.27 g/l
Iron (Fe), EDTA chelated	: 0.020% w/w	0.027% w/v	0.27 g/l
Manganese (Mn), EDTA chelated	: 0.010% w/w	0.014% w/v	0.14 g/l
Boron (B)	: 0.010% w/w	0.014% w/v	0.14 g/l
Zinc (Zn), EDTA chelated	: 0.010% w/w	0.014% w/v	0.14 g/l
Molybdenum (Mo)	: 0.0010% w/w	0.0014% w/v	0.014 g/l

c) Physical properties

Density : 1.38 +/- 0.02 kg/l
 pH : 4 – 6.5
 Crystallization Temperature : < -20°C

3. GENERAL RECOMMENDATIONS FOR USE

*** Uses**

Applied by foliar spray or through drip irrigation to the roots to a very wide variety of agricultural and horticultural crops. **Supplies phosphorus in the mobile phosphite (HPO₃) form**, as well as potassium (K₂O) and nitrogen (N) with a balanced addition of the six essential trace elements, chelated by EDTA.

*** Some application rates**

Crop	Rate in litres per hectare
Vegetables	2 – 4
Soft fruit	2 – 4
Top fruit	2 – 4
Potatoes	1 – 4
Vines	1 – 4
Lettuce	2 – 4
Hops	1 – 4

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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The above recommendations should be adapted depending on differences in climate, soil temperature, application and irrigation system. Furthermore, the number of applications, the quantity per ha as well as the interval times may vary regarding the culture types and the formulations. Please consult your local dealer or a qualified agronomist.

4. BENEFITS

SICOPHYTE-L liquid NPK 4.1-37.2-24.8 + CTE is a stable, concentrated and easy to use liquid formulation which provides nutrition to the plant resulting in:

- better yields
- increased top growth and root development
- improved fruit quality
- improved plant health

5. COMPATIBILITY

Physically compatible with many foliar and soil applied crop chemicals. Check by test-mixing small amounts at the correct dilution.

6. PACKAGINGS

Available in packings of 1000 l, 220 l, 20 l, 10 l and 1 l.