



**PRODUCT INFO
& DATASHEET**

SICOGREEN-S AMINO P-RICH

P-Rich NPK 10.20.10 + 3.5 S suspension with biostimulating amino acids and micronutrients for foliar application and in fertigation

1. PRODUCT DESCRIPTION

Sicogreen-S Amino P-rich is a P-rich suspension with biostimulating amino acids and micronutrients for intensive crops, particularly on low P soils.

Sicogreen-S Amino P-rich is a suspension fertiliser with a high macronutrient content, especially of P.

It contains biostimulating amino acids and all micronutrients indicated for sustaining plant growth under stress conditions, particularly on soils with a low content of P.

The addition of a concentrate of 20 different and natural amino acids improves the biostimulating effect of the formulation (improves fruit set, less pre-harvest fruit drop, less stress derived from the use of pesticides etc.)

CONTENTS

NPK fertiliser suspension 10 – 20 – 10 with amino acids and micronutrients.

For foliar fertilisation and fertigation

		% w/w		g/l (w/v)
Total nitrogen	(N)	7	%	100
Phosphate	(P ₂ O ₅)	14	%	200
Potassium	(K ₂ O)	7	%	100
Sulphur	(S)	2.5	%	35
Boron	(B)	0.01	%	0.14
Cobalt	(Co)	0.005	%	0.07
Copper	(Cu)	0.01	%	0.14
Iron	(Fe)	0.36	%	5.0
Manganese	(Mn)	0.57	%	8.0
Molybdenum	(Mo)	0.005	%	0.07
Zinc	(Zn)	0.57	%	8.0
Amino Acids (as dry content)		3.7	%	52

The cationic micronutrients (iron, copper, manganese and zinc) are fully chelated (EDTA).

PHYSIOCHEMICAL PROPERTIES

Density	1.41 g/cm ³
pH value	5.5 approx.
Colour	green

2. KEY ADVANTAGES

- **An intelligent combination of amino acids and nutrients elements for the plant.**
- Particularly indicated for being applied during early crop growth stages
- Compatible with most commonly used pesticides
- Safe to plants
- Nutrients readily available to plants
- Fully chelated cationic micronutrients
- Superchelation improves the water quality of the spray solution
- P-pronounced ratio of highly concentrated macronutrients
- Can be applied with all usual HV and LV spraying and sprinkling equipment
- PH-regulation by buffering agents
- Rich in amino acids with biostimulating effect.

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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EVERY TIME THE *right* SOLUTION



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3. RATES AND METHODS OF USE

CROP	TIMING	RATES OF USE (L/HA)
Cereals	4 x between tillering and ear emergence	3 – 5
Sugar beets	3 x between 4-leaf stage and crop cover	3 – 5
Sugar cane	1st application at a height of 30 cm 2nd application 2 weeks later	3 – 4
Potatoes	start at tube initiation repeat at 14-day intervals	5
Maize	4 x between 3-leaf stage and 11-leaf stage	5
Coffee	6 x from pre-blossom continuing at 3-week intervals	4 – 5
Cotton	3 x between 5-leaf stage and early boll stage	4 – 6
Tea	6 x from bud formation continuing at 3-week intervals	4 – 5
Tobacco	4 x from pre-blossom continuing at 3-week intervals	4 – 5
Fruit trees	5 x at 10 to 14-day intervals, starting shortly before blossom	4 – 5
Vegetables	2 – 3 weeks after planting repeat at 8 to 10-day intervals	4 – 5
Ornamentals	1 – 2 applications a week, spray or sprinkle	4 – 5 (0.1 – 0.2%)
Pistachio nut	1st application when leaves are not yet fully expanded 3 x after 1st application at 20-day intervals	3 – 4
Rice	3 x at 2-week intervals, beginning when the plants have reached 20 cm in height	5
Alfalfa	1st application 10 days after each cut	3 – 5
Melons	4 applications 1st spray 2 - 3 weeks after planting	3 – 4

4. PACKING

10 l / 25 l / 100 l

5. PRECAUTIONS AND LIABILITY

When storing the product, temperatures below +5°C (41°F) and above + 40°C (104°F) as well as frequent temperature fluctuations should be avoided.

Considerable changes in temperature and/or too low temperature can cause crystallisation. The crystals will however easily dissolve again in the spray solution.

Prolonged storage may also cause colour change and a reversible phase separation.

In case of plants where leaf spots can cause deterioration in quality, we recommend application of **Sicogreen-S Amino P-rich** for reasons of safety.

Neither crystallisation nor colour change will in any way affect the product quality as regards the desired physiological effect.

When mixing with pesticides for the first time, test on a small scale before general use.