



PRODUCT INFO
& DATASHEET

PHOSPHITE BASED FERTILISERS

SICOPHITE-AMIX-L (liquid)

*Liquid E.C. fertiliser and biostimulant, 20% P₂O₅ + 17.3% K₂O + Micros.
Includes our unique AMIX humic-lignate complex.*

Revised 08/2016

1. PRODUCT DESCRIPTION

*** Product specification**

Appearance	:	clear brown liquid
Odour	:	pleasant
Solubility in water	:	100 %
Bulk Density	:	1.25 kg per litre (+/- 5%)
pH 1:100 w/v	:	7.8-8.0 (+/- 5%)

*** Chemical data & analysis**

Phosphorus (P ₂ O ₅)	:	20.0	% w/w (250 g/l)
Potassium (K ₂ O)	:	17.3	% w/w (250 g/l)
Sulphur (SO ₃)	:	2.25	% w/w
Boron (B)	:	0.009	%
Copper (Cu)	:	0.006	%
Iron (Fe)	:	0.15	%
Manganese (Mn)	:	0.08	%
Molybdenum (Mo)	:	0.004	%
Zinc (Zn)	:	0.01	%
Fulvic & humic acids	:	1.50	%

2. NEW TECHNOLOGY & APPLICATION

Application rate: 1.0 to 5 litres per hectare

Crops: Oilseed rape, Viticulture, Cotton, Top fruit, Citrus fruit, Cane fruit, Soft fruit, Stone fruit, Hops, Nuts (Almonds, Pecans, Pistachios, Walnuts, Cashew and ground nuts), Linseed, Potatoes, Leeks and Onions, Brassicae (chinese cabbage, broccoli, cauliflower, etc), Lettuce, Peas and Beans (soybean, mung bean, lima, etc.), Root crops, Celery, Maize (and Sweet-corn), Rice, Peppers, Cucumber, Grassland, Tobacco, Wheat and other Cereals, Sugar cane, pineapple and most other edible crops.

Formulation & Advantages:

For the first time a phosphite product includes the unique AMIX humic-lignate complex formulation technology. It is a unique PK plus trace element products. This is a clearly superior product delivering a high concentration of the desirable elements in a very soluble, rapidly absorbed and readily-translocatable form, with phosphorous acid and key micronutrients.

The major benefit of this new technology in SICOPHITE-AMIX-L is that:

- It delivers enhanced root and seedling development from the high phosphite/phosphonate content.
- It delivers improved seedling disease resistance through the high phosphite/phosphonate content.
- The AMIX formulation provides enhanced uptake at the leaf surface and increased mobility of nutrients within the plant.
- Amix delivers nutrients direct to the phloem so they are actively transported rapidly to the growth forming locations whether they are root, fruit or flower.
- Acidifies spray water, conditioning it and reducing the negative effects associated with alkalinity and hardness.
- Greatly improved speed of leaf uptake at lower pH's
- Greater compatibility with pesticides

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



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This is a new AMIX humic-lignate complex formulation which utilises highly soluble raw materials without chlorides in a high concentration and a very flexible product. It offers all the compatibility and effectiveness benefits of a complexed/chelated product with the instant response and mobility within the plant of a foliar feed solution. This unique formulation also delivers Phosphite ions to reinforce plant health.

3. USAGE

Major opportunities exist to improve establishment, root development and improve disease resistance in all crops from seedling emergence and throughout the vegetative stages of growth and into reproductive growth.

SICOPHITE-AMIX-L can produce a rapid and visible response in cold wet conditions, which will still be measurable as a yield response at harvest time.

Foliar Phosphates have long been recognised as being many times more bio-available than soil applied phosphates, capable of delivering a boost to growth and development as part of the management and agronomy of the crop. Foliar phosphates are particularly effective during the vegetative growth stage of young plants, and will enhance rooting, drought resistance and disease resistance.

To improve seedling establishment, promote root development, reduce disease, correct deficiencies and prevent physiological disorders apply a dose appropriate to the biomass of the target crop.

Typical usage in spring-sown crops would start with 1.0 L/ha at the 3 leaf stage of all crops. This would be followed by a further 1.0 L/ha 10-14 days later.

Rates of use range from 1.0 to 4.0 litres per Hectare as part of a programmed approach from the three Leaf stage of the crop.

The most responsive fruit (strawberries, top fruit), vegetable (melons, onions, egg plant) and salad crops (peppers, tomatoes, etc.) will benefit most from a programme of low dose applications (0.75 to 1.0 litre per hectare) every 14 days up until harvest. Always use sufficient water to get good foliar coverage with a sprayer generating a droplet spectrum appropriate to foliar application.

To increase tuber numbers in the commercial potato crop, apply 5 I/ha at tuber initiation, and in determinate varieties follow this with a further 2.0 I/ha every 14 days during bulking-up to improve yield and dry matter and help support blight control programmes. Seed crops will benefit most from a single application of up to 7.0 I/ha at early tuber initiation. Programmed applications have been seen to slow the onset and spread of disease in potatoes.

In peas, beans early applications of 1.5 litre per hectare at first flower will help promote resistance to downy mildew, followed by 1 litre per ha. applications every 14-21 day intervals until harvest.

4. PACKING

- 1 ltr jar
- 5 ltr can

5. HANDLING PRECAUTIONS

- WEAR PVC GLOVES AND GOGGLES when handling the concentrate.
- WASH HANDS before meals and after work.
- DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.
- STORE IN ORIGINAL CONTAINER tightly closed, in a safe place.
- WASH OUT CONTAINER THOROUGHLY and dispose of safely.

6. CONDITIONS OF SUPPLY

All products supplied are of high quality and believed to be suitable for use as directed. However, as we have no control over their use or mixing, weather conditions before, during or after application and crop condition, no warranty express or implied is given that the goods are reasonably fit for the buyers purpose. No responsibility will be accepted for damage or injury, whether consequential or otherwise and whether due to negligence or any other cause whatsoever arising directly or indirectly from the goods storage, handling or misuse.

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