



PRODUCT INFO
& DATASHEET

SICOFLEX-ZN

A new carbo-complexed formulation
10% Zn + 20% P₂O₃/5 + N liquid foliar

1) PRODUCT DESCRIPTION

Sicoflex-Zn is based on new carbo-complex formulation technology. It is a unique Zinc/Phosphate/Nitrogen product. **Sicoflex-Zn** is a clearly superior formulation delivering a high concentration of the desirable elements in a very soluble, rapidly absorbed and readily-translocatable form, with phosphorous acid.

The major benefit of this new technology in **Sicoflex-Zn** is that:

- Sicoflex-Zn stores well without settling out or creating sedimentation problems.
- Rapid introduction to spraying systems.
- Low viscosity; and leaves easy to rinse residues in the container for easy recycling of the container.
- High elemental loading for concentrated lower-application rate usage.
- Reduced packaging requirement.
- 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
- The formulation **supplies 6-carbon skeletons** to provide an additional energy source to the plant.

This is a new carbo-complex formulation that utilises highly soluble raw materials without chlorides in a high concentration 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 Krebs and Shikimic intermediates as well as 6-carbon skeletons and Phosphite ions to reinforce plant health.

2) GUARANTEED ANALYSIS

Zinc 10% w/w , 140 g/L
Phosphorus as P₂O₃/5 19% w/w, 268 g/L
And little bit of N

3) 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, Lettuce, Peas and Beans, Root crops, Celery, Maize (and Sweet-corn), Rice, Peppers, Cucumber, Grassland, Tobacco, Wheat and other Cereals, Sugar cane, and most other edible crops.

4) DIRECTIONS FOR USE & BENEFITS

- **Application Rate:** 1.5 to 10 l/Ha
- Deficiencies of Zinc can occur in many crops, and often a combination product with Phosphate/Phosphite and Nitrogen will produce a healthier and more productive crop than treatment with Zinc or Phosphate alone.
- Zinc deficiencies are common on light, arid, and alkaline soils. Insoluble forms of Zinc are not readily absorbed as foliar treatments, and sulphates and nitrates are less well absorbed than the phosphate/phosphite form of Zinc in **Sicoflex-Zn**. The Phosphate form of Zinc is particularly appropriate when treating crops from the seedling to young plant stages of growth. This can be readily demonstrated in the young maize crop where **Sicoflex-Zn** can produce a rapid and visible response in cold wet conditions, which will still be measurable as a yield response at harvest time.

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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- 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 correct deficiencies and prevent physiological disorders: Apply 1.5 to 3.5 litres per Hectare as part of a programmed approach from the three leaf stage of the crop. The most responsive crops on deficient soils will benefit most from a programme of low dose applications every 14 to 21 days up until harvest. Use sufficient water to get good foliar coverage.
- To increase tuber numbers in the commercial potato crop, apply 6.5 l/Ha at tuber initiation, and in determinate varieties follow this with a further 5.0 l/Ha during bulking up to further reduce the likelihood of Internal Rust Spot. Seed crops will benefit most from a single application of up to 10.0 l/Ha at early tuber initiation.

Other crop recommendations appear on the product label.

5) BENEFIT SUMMARY:

- Improved seedling development
- Improved young plant health
- Improved grazing-damage resistance
- Stress reduction
- Improved disease resistance
- Reduced flesh blemishes
- Increased Tuber numbers
- Enhanced compatibility with insecticides and fungicides
- Increased root development
- Improved drought resistance.

Commercial:

This is very much a service oriented product, and capable of generating good levels of profit generation for the distributor agronomist, whilst at the same time generating with ease the farmer-returns to justify its cost. MOIP needs to be high from such a product. **Sicoflex-Zn is both unique and exclusive.**

6) PACKING:

1 litre bottle x 12 carton, 84 x12 x 1 litre = 1,008. ltr per pallet.