



PRODUCT INFO
& DATASHEET

SICOFLEX-CAL

A new Carbo-Complexed Formulation
14% CaO + 13% P2O5 + 8% N LIQUID FOLIAR

1. PRODUCT DESCRIPTION

Sicoflex-Cal is based on new carbo-complex formulation technology.

Unlike all previous Calcium/Phosphate/Nitrogen products, **Sicoflex-cal** is a clearly superior formulation delivering a highly concentrated form 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-Cal** is that:

- **Sicoflex-Cal** 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 uptake at the leaf surface with low pH spray water.
- 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

Calcium as CaO	14% w/w
Phosphate as P2O5	23% w/w
Nitrogen as NO3	8% w/w
S.G. =	1.45

3. CROPS

Viticulture, Top fruit, Citrus fruit, Cane fruit, Soft fruit, Stone fruit, Nuts (Almonds, Pecans, Pistachios, Walnuts, Cashew and ground nuts), Brassicae, Potatoes, other Root crops, Leeks and Onions, Garlic, Celery, Maize (Corn), Rice, Peppers, Cucumber, Tobacco, Lettuce, Peas and Beans, Cereals, Sugar cane, and most edible crops.

4. DIRECTIONS FOR USE & BENEFITS

- **Application Rate:** 1.5 to 8 l/Ha
- Deficiencies of Calcium 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 Calcium or foliar Phosphate alone. This is best illustrated in fruit crops where this product is recommended primarily for use during fruit development.
- Foliar Calcium supplements are often required by high value fruit and tree crops as Calcium is not readily translocated to the developing fruits. It is required for crop quality and store-ability, as well as to prevent physiological disorders like bitter-pit in apples, pear greening etc. This product is designed to help with stress reduction in maturing fruits prior to harvest.

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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- 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.
- **Usage: Sicoflex-Cal can be used on almost all crops:**
- To correct deficiencies and prevent physiological disorders: Apply 1.5 to 3.5 litres per Hectare as part of a programmed approach from fruiting (or establishment of storage body/root or tuber) every 14 to 21 days up until harvest. Use sufficient water to get good foliar coverage.
- For improved quality and store-ability after harvest; apply 7 litres/Ha; 20 to 25 days prior to the anticipated harvest date. With problem varieties increase the rate to 8l/Ha.
- To increase tuber numbers in the commercial potato crop, apply 5 l/Ha at tuber initiation, and in determinate varieties, follow this with a further 5 l/Ha during bulking up. Seed crops will benefit most from a single application of up to 8 l/Ha at early tuber initiation.

Other crop recommendations appear on the product label.

5. BENEFIT SUMMARY:

- * Increased root development
- * Improved fruit firmness
- * Improved store-ability
- * Improved shelf-life
- * Reduced skin blemishes
- * Enhanced fruit colour
- * Fully developed flavour
- * Stress reduction
- * Improved drought resistance
- * Improved disease resistance
- * Reduced flesh blemishes
- * Increased tuber numbers
- * Enhanced compatibility with fungicides

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-Cal is both unique and exclusive.**

6. PACKING

- 1 litre bottle
- 10 litre can