



PRODUCT INFO
& DATASHEET

SICO-PHOSCA (liquid)

*Foliar spray to supply calcium and phosphorus
Balanced macro-micronutrient mixture*

PRODUCT DESCRIPTION

SICO-PHOSCA is perfected as a synergised foliar spray to supply calcium and phosphorus in readily available form to the plant. Use this product on top of your normal fertilizer programme as a supplementary source of plant nutrients.

PRODUCT SPECIFICATION

1. Guaranteed analysis

Available Phosphate (P2O5) 23.0 % w/w (13% P w/v)
Calcium (Ca) 3.0 % w/w (5.6% CaO w/v)

2. Composition & chelating agent

Calcium phosphate with complexing agent 2-hydroxy-1,2,3-propane tricarboxylic acid

3. Specifications

Appearance	Clear brown liquid
Typical metal content	4.2 % w/w CaO and 23 % P2O5
Minimum metal content	+ or - 5 %
Moisture content	0.5 % (500 ppm)
Density	1300 - 1350 kg/m ³
Solubility	99 %
pH	2 (when mixed 2% in water)

APPLICATIONS AND RATES OF USE

To be used as a fertilizer to cure and prevent deficiencies to P and Ca in all crops.

Apples, pears, apricots, cherries, nectarines, peaches, and plums: 3 to 8 applications of 10 litres/ha in 500-1000 litres water per hectare at 10 to 14 days intervals commencing at petal fall.

Peaches, plums: 2 to 5 applications of 10 litres/ha in 500-1000 litres water/ha at 7 to 14 days intervals commencing at petal fall. For red coloration: SICO-PHOSCA at 10 litres/ha in 1000 litres water per hectare has been shown to enhance red coloration. This product should be applied alone and not mixed with agrochemicals. 1 or 2 applications (7 days apart) should be made once the fruit has started to change color, normally 2 to 3 weeks before harvest.

Citrus: apply 10 litres/ha in 500-1000 litres water/ha at fruit set with 1 to 2 further applications at 10 to 14 days.

Asparagus: 3 applications of 5 litres/ha in 200 litres water/ha applied to ferns prior to senescence.

Brassica crops (broccoli, Brussels sprouts, cabbage, calabrese, cauliflower): 2 to 3 applications of 10 litres/ha in 500 litres water/ha from stem extension/head development at 7 to 14 days intervals.

Maize: apply 5 litres/ha in 200 litres water/ha at 4 to 8 leaf stage.

Cotton: apply 5 litres/ha in 300 litres water/ha from 10% flowering at 14 days intervals.

Cucurbits: 3 to 5 applications of 5 litres/ha in 275 litres water/ha at 7 days intervals commencing at fruit set.

Lettuce: 2 to 3 applications of 5 litres/ha in 500 litres water/ha commencing 10 to 14 days after transplanting or emergence with 7 to 10 days intervals between applications.

Melons: apply 3.5-5 litres/ha in 500 litres water/ha at start of flowering. Repeat at 10 to 14 days intervals if necessary.

Potatoes: a minimum of 2 applications of 5-10 litres/ha in 200 litres water/ha during tuber bulking (as soon as first formed tubers are 1/2" in diameter). Allow 10 to 14 days between applications.

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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Onions: 1 to 2 applications of 5 litres/ha in 200 litres water/ha during bulb filling with a 10 to 14 days interval between sprays.

Field peppers and tomatoes: up to 4 applications of 5 litres/ha in 500 litres water/ha commencing from flowering on second truss. Repeat at 10 to 14 days intervals.

Rice, sorghum, other small grains: 5 litres/ha in 200 litres water/ha at tillering. Repeat at 10 to 14 days intervals if necessary.

Sugar beet and sunflowers: apply 5 litres/ha in 200 litres water/ha at 4 to 5 leaf stage. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 to 14 days intervals.

Strawberries: 3 applications of 10 litres/ha in 500 litres water/ha from start of flowering. Repeat applications at 7 to 10 days intervals. Constant bearing varieties: divide a total rate of 30 litres/ha into 6 applications of 5 litres/ha in 500 litres water/ha. Do not apply successive applications at intervals of less than 10 to 14 days.

Grape vines: apply 10 litres in 500 litres water/ha at fruit set and repeat 2 to 3 times at a 10 to 14 days interval.

COMPATIBILITY

Do not mix with pesticides or other fertilizers without compatibility test. To test for physical compatibility, mix the proper proportions of product with water and other ingredients, agitate and let stand for one hour. If a precipitate forms, apply the products separately.

TRANSPORT CLASSIFICATION

Without restriction for IMDG, ADR/RID, DGR

PRECAUTIONS

Avoid application under extremes of climate, e.g. rapid drying conditions, extremely slow drying conditions, frost, rain or when frost or rain are anticipated. Use eye protection and protective clothing when handling undiluted product, to minimize exposure. Clean all equipment before and after use.

STORAGE

Keep in a cool, dry place out of reach of children and livestock. Protect from frost.